

midas



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Catalogue 2026

Are you mixing with the right company?

MIDAS



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Company history

IT ALL STARTED BACK IN 1970...

The Stanhope Street Years

The explosion of musical talent in 1960's Beatlemania Britain also gave rise to a nascent electronic musical instrument industry and as the swinging sixties gave way to the rather less swinging but musically more progressive 1970's a company called Midas amplification was formed in London by Jeff Byers and Charles Brooke, manufacturing transistorised guitar amplifiers and speaker cabinets.



The location was extremely fortuitous as many PA companies visiting Martin Audio would then go next door to see what Midas was working on.

The two co-located companies became synonymous in the minds of many live sound customers and the calibrated Midas / Martin modular PA systems became a regular fixture on concert tours in the 1970's, with Martin Audio responsible for the loudspeaker cabinets, whilst Midas manufactured the electronics.

A shift in the company's business took place a couple of years later as Jeff was inspired to look at how the primitive concert sound equipment of the day could be improved upon and set out to create a complete modular PA system including speakers, amplifiers and mixers.

This system included what can be regarded as the very first Midas console, a powered mixer manufactured in Jeff's in West Hampstead.

As the company grew, manufacturing moved out of Jeff's flat into a small building in Stanhope Street near London's Euston Station in 1972, which just happened to be next to already-established speaker manufacturer Martin Audio.

1971

Early Days in Australia

In 1971, around the same time that Midas Amplification were making their transistorised guitar amplifiers, up in the English Midlands another company was formed by brothers Philip and Terence Clarke, which produced coin-operated car washing and vacuuming machines.

1974

On Tour with the Supergroups

These new industry connections resulted in an association with Supertramp's sound rental company "Delicate Productions" and Jeff Byers going on the road with Supertramp on their "Crime of the Century" tour alongside engineer Russell Pope in 1974.

1980

The PRO40 is Born

Midas continued into the 1980's with the PR 40 series; often referred to as PRO40. This range of modules provided more facilities and could be used to produce much larger mixing consoles.

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1986

The Kidderminster Connection

As a forerunner of Midas' future success however, the XL console, the first of the XL series, was launched at the New York Audio Engineering Society Convention in 1986.

1990

XL3-The New Midas

It was the next Midas console that re-established the brand, the XL3 was essentially a monitor version of the XL2, but with the innovative use of VCA faders (fitted on to the front of the original chassis) making the product suitable for Front of House mix duties, too.

1995

XL4 - The Ultimate Analogue Console

The next project was the flagship XL4 which still stands as the ultimate statement in analogue live performance mixing consoles, and is still specified on concert tour riders today. The console toured the world with Aerosmith, Bon Jovi, Metallica, The Rolling Stones, Simply Red and many other high profile acts.

2002

Legend-The World's First "Tri-Purpose" Console

Midas too had been busy in Kidderminster, with the innovative LEGEND 3000 console, launched in 2002. As well as being suited to both Front of House and monitor mix duties, the console featured two sets of faders per channel to allow simultaneous mixing for both from the same console - hence it being advertised as the world's first "Tri-Purpose" mixing console.

2003

A Digital Dawn

Midas recruited a small team of former Amek R&D engineers to form the core of its new digital console team. Working out of a tiny office in Empress Buildings, a converted Victorian Brewery in Manchester. This team, augmented by R&D staff in Kidderminster, would be responsible for the hardware and DSP design, analogue circuitry and front-end user interface development.

2006

Digital Goes Midas

The Midas XL8 Live Performance System digital console was launched at the Frankfurt Pro Light + Sound trade show in March 2006 to great acclaim. A total of three consoles were at the show, two on the booth and one in the giant outdoor Agora Tent, the XL8 was quite literally the talk of the show.

2008

PRO Series - Reborn for the Digital Age

With the XL8 aimed squarely at the highest end of the market, the digital console development team spent the next two years concentrating on the next phase, scaling down the XL8 technology into a "workhorse" package.

2011

The PRO Series Expands

With significant new investment in Midas and Klark Teknik, the Company expanded with more engineers and another floor at the City Park site.

2012

The "Million Cycle" Midas PRO FADER

One of the first projects that Midas embarked upon utilised the large scale manufacturing resources of the Music Tribe and created the million-cycle Midas PRO FADER, which greatly exceeds the operational life of motorised faders fitted to competitor consoles.

MIDAS

DM12

12 Input Analogue Live and Studio Mixer with Midas Microphone Preamplifiers



Product Features

- Live performance and studio recording analogue mixer with 12 input channels
- 8 mono input channels with award-winning Midas microphone preamplifiers
- 2 electronically-balanced stereo line input channels on 1/4" TRS connectors
- 3 band EQ on mono channels with swept mid band
- 2 aux sends with pre/post fader switching
- 60 mm precision long-life faders
- Rugged chassis construction for durability in portable applications
- Auto-ranging universal switch-mode power supply

midas



The compact DM12 honours your stage or studio desktop space, while providing incredible sonic performance, amazing versatility and an unheard of level of affordability.

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What is the secret behind DM12's superb, studio-quality sound? The DM12 features 8 award-winning, Midas microphone preamplifiers with true +48 V Phantom Power, acclaimed by audio engineers the world over for their transparency and nuanced low noise, high-headroom design. Add to this TRS Line Inputs on all 12 channels (8 mono and 2 stereo), mono channel Inserts and 3-band EQ with mid-frequency sweep, 2 switchable pre/post-fader aux sends, 2 monitor outs and 2-track RCA I/O, and you have an analogue work of art the fully featured DM12!

Live Performance and Studio Recording

With 12 channels, the DM12 has more than enough microphone and line inputs to manage a small band or worship team with channels to spare - both on the stage and in the studio. It is also the ideal choice for use as a keyboard or drum sub-mixer for larger scale performances.

Dedicated Stereo Inputs

Line channels 9/10 - 11/12 are dedicated stereo channels, making them ideal for stereo instruments, such as keyboards - and can also be used for mono signals thanks to a convenient balance control on each 2-channel grouping. These channels can also be used as return inputs for signals sent external effects processing equipment.

Architecture & Engineering Specifications

The audio mixing console shall be an analogue design suitable for use in live performance and studio recording, and equipped with 12 Midas microphone preamplifiers.

The mixing console shall have 8 mono channels, and each shall provide the following: 1 balanced XLR microphone input, 1 balanced 1/4" TRS line level input, and a 1/4" TRS Insert. A gain control shall provide adjustment of the input signal from 10 to 60 dB (mic) and -10 to +40 dB (line). An EQ treble control shall provide a range of 15 dB of boost and cut of shelving EQ at 12 kHz. An EQ mid control shall provide a range of 15 dB of boost and cut, and a mid-sweep control shall provide peak EQ adjustment from 150 Hz to 3.5 kHz.

An EQ bass control shall provide a range of 15 dB of boost and cut of shelving EQ at 80 Hz. Aux 1 and Aux 2 controls shall provide adjustment of the Auxiliary 1 and 2 outputs from 0 to +10 dB. A pan control shall position the mono channel in the mix. A PFL (pre fader listen) switch shall allow the channel signal to be soloed and routed to the master meters, monitors, and headphones. A mute switch shall be provided to mute the channel, and a peak LED shall indicate channel signal overloading. A 60 mm mono channel fader shall allow adjustment of the channel level in the mix.

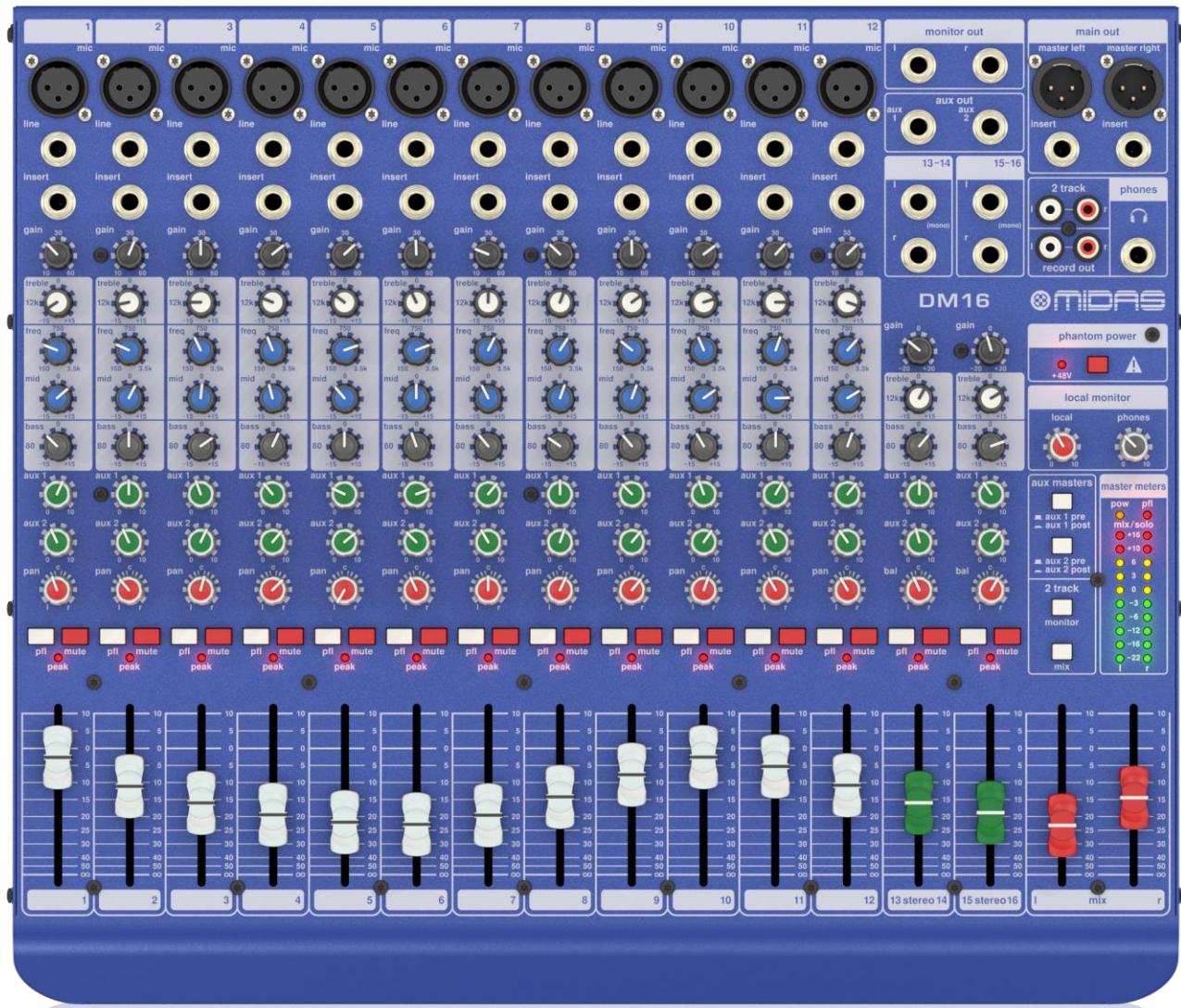
Value

No matter what your audio mixing needs, the DM12 provides the performance and features required to take your talent to the next level, at a price that is custom-tailored for the budget-savvy user. Professional sound quality, our legendary Midas mic preamps, 3-band EQs with sweepable mids, and much more make the DM12 mixer ideal for both your live gigs and recording. Try one out today, or feel free to order yours online.

MIDAS

DM16

16 Input Analogue Live and Studio Mixer with Midas Microphone Preamplifiers



Product Features

- Live performance and studio recording analogue mixer with 16 input channels
- 12 mono input channels with award-winning Midas microphone preamplifiers
- 2 electronically-balanced stereo line input channels on 1/4" TRS connectors
- 3 band EQ on mono channels with swept mid band
- 2 aux sends with pre/post fader switching
- 60 mm precision long-life faders
- Rugged chassis construction for durability in portable applications
- Auto-ranging universal switch-mode power supply

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The compact DM16 honours your stage or studio desktop space, while providing incredible sonic performance, amazing versatility - and an unheard of level of affordability.

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What is the secret behind DM16's superb, studio-quality sound? The DM16 features 12 award-winning, MIDAS microphone preamplifiers with true +48 V Phantom Power, acclaimed by audio engineers the world over for their transparency and nuanced low noise, high-headroom design. Add to this TRS Line Inputs on all 16 channels (8 mono and 2 stereo), mono channel Inserts and 3-band EQ with mid-frequency sweep, 2 switchable pre/post-fader aux sends, 2 monitor outs and 2-track RCA I/O, and you have an analogue work of art - the fully featured DM16!

Dual Aux Sends

The DM16 is also equipped with 2 aux sends with pre/post fader switching for added versatility. Users can select to use them for external effects processing, custom monitor mixes, or a combination of the two. Additional monitoring outputs are provided of the main mix for stage or studio monitor applications.

Quality is Job #1

While some manufacturers cut quality when they design small mixers, we understand that every mixer should provide uncompromising performance and a robust feature set. The very embodiment of quality, from its rugged construction and top-of-the-range components to that unmistakable Midas sound - the DM16 is a truly professional audio console.

Architecture & Engineering Specifications

The audio mixing console shall be an analogue design suitable for use in live performance and studio recording, and equipped with 12 MIDAS microphone preamplifiers.

The mixing console shall have 12 mono channels, and each shall provide the following: 1 balanced XLR microphone input, 1 balanced 1/4" TRS line level input, and a 1/4" TRS Insert. A gain control shall provide adjustment of the input signal from 10 to 60 dB (mic) and -10 to +40 dB (line). An EQ treble control shall provide a range of 15 dB of boost and cut of shelving EQ at 12 kHz. An EQ mid control shall provide a range of 15 dB of boost and cut, and a mid-sweep control shall provide peak EQ adjustment from 150 Hz to 3.5 kHz. An EQ bass control shall provide a range of 15 dB of boost and cut of shelving EQ at 80 Hz. Aux 1 and Aux 2 controls shall provide adjustment of the Auxiliary 1 and 2 outputs from 0 to +10 dB. A pan control shall position the mono channel in the mix.

A PFL (pre fader listen) switch shall allow the channel signal to be soloed and routed to the master meters, monitors, and headphones. A mute switch shall be provided to mute the channel, and a peak LED shall indicate channel signal overloading. A 60 mm mono channel fader shall allow adjustment of the channel level in the mix.

Value

No matter what your audio mixing needs, the DM16 provides the performance and features required to take your talent to the next level, at a price that is custom-tailored for the budget-savvy user. Professional sound quality, our legendary Midas mic preamps, 3-band EQs with sweepable mids, and much more make the DM16 mixer ideal for both your live gigs and recording. Try one out today, or feel free to order yours online.

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MR12

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12-Input Digital Mixer for iPad/Android Tablets with 4 Midas PRO Preamps, 8 Line Inputs, Integrated Wi-Fi Module and USB Stereo Recorder



The MIDAS M32 completely redefined what is possible from a digital mixer - and thousands of users are enjoying the results. Now that technology has been incorporated into the small but powerful MR12 rack-mountable mixer, which will forever change the way you record and the way you play live music.

Product Features

- iPad*/Android* tablet controlled 12-input digital mixer for studio and live application
- 4 award-winning Midas PRO microphone preamplifiers
- Built-In Tri-Mode Wi-Fi router for direct operation-no need for external routers
- Dugan*-style Auto-Mixing automatically manages microphone gain sharing
- USB connector for uncompressed stereo WAV recording and playback
- 4 digital signal processing effects engines
- Rack ears and protection bumpers included for flexible rack and onstage applications
- 6 aux buses and main LR with inserts, full dynamics processing and 6-band parametric or 31-band graphic EQ
- 2 TRS aux outputs and 2 XLR main outputs plus phones connector
- 40 bit floating point digital signal processing
- Free iOS, Android and PC/Mac*/Linux* apps available for remote operation via Ethernet, LAN or Wi-Fi
- MIDI In/Out allows controlling the mixer via MIDI equipment
- Future firmware updates, incl. new FX "Plug Ins", downloadable from midasconsoles.com free of charge
- Auto-ranging universal switch-mode power supply

MIDAS



Built-In Tri-Mode Wifi Router

Designed for the ultimate in mobility, the MR12 comes with an integrated Wifi module for direct control of your mixer's functions - without the need to setup and configure an external router. The MR12 gives you the freedom to focus on your mix, while allowing you to move about the venue to experience what every part of the audience is hearing. Plus you can adjust live monitor wedges from the artist's perspective - or better yet, let them mix their own IEMs and floor monitors via their own tablets.

Access Point is the easiest way to connect up to 4 clients directly and concurrently (i.e., iPad, Android smartphone/tablet or laptop). This mode should have your remote control up and running in less than a minute.

Wifi Client allows you to add your mixer to the existing wireless network where the controlling apps and devices are connected. Alternately, wired connections can be made directly to your PC, to a local area network (LAN), or when connecting to a dedicated Wifi router, e.g., for extended range or 5 GHz applications.



Recording Simplified

MR12 features a convenient USB connector that makes it easy to store files or record and playback uncompressed stereo WAV files of your mix. Dial in the perfect monitoring mix with effects and zero-latency performance using one of the Aux buses, while recording up to 12 source signals - and send the keyboard player's MIDI notes to your DAW for recording and editing.

Whether you are making rock history in the studio, or you want to capture intimate live performances - it has never been easier to record stunning tracks with exceptional clarity.

4 Onboard M32 Effects Engines

Equipped with the very same FX engines as the now legendary M32 Digital Mixing Console, the onboard virtual FX Rack provides access to four true-stereo (8 mono), multi-effects processors including delay, chorus, dynamics - plus the MR12 can run production-quality, true-stereo reverbs concurrently with 31-band EQ on the main and aux buses, all without the need for any additional hardware.

You can select any combination of high-end simulations of legendary studio effects, such as the Lexicon 480L and PCM70, as well as the EMT250 and Quantec QRS reverbs. Onboard processing means your computer no longer has to do the heavy lifting during a mixing session with DAW plugins, as the MR12 has a whole studio of FX under its bonnet.

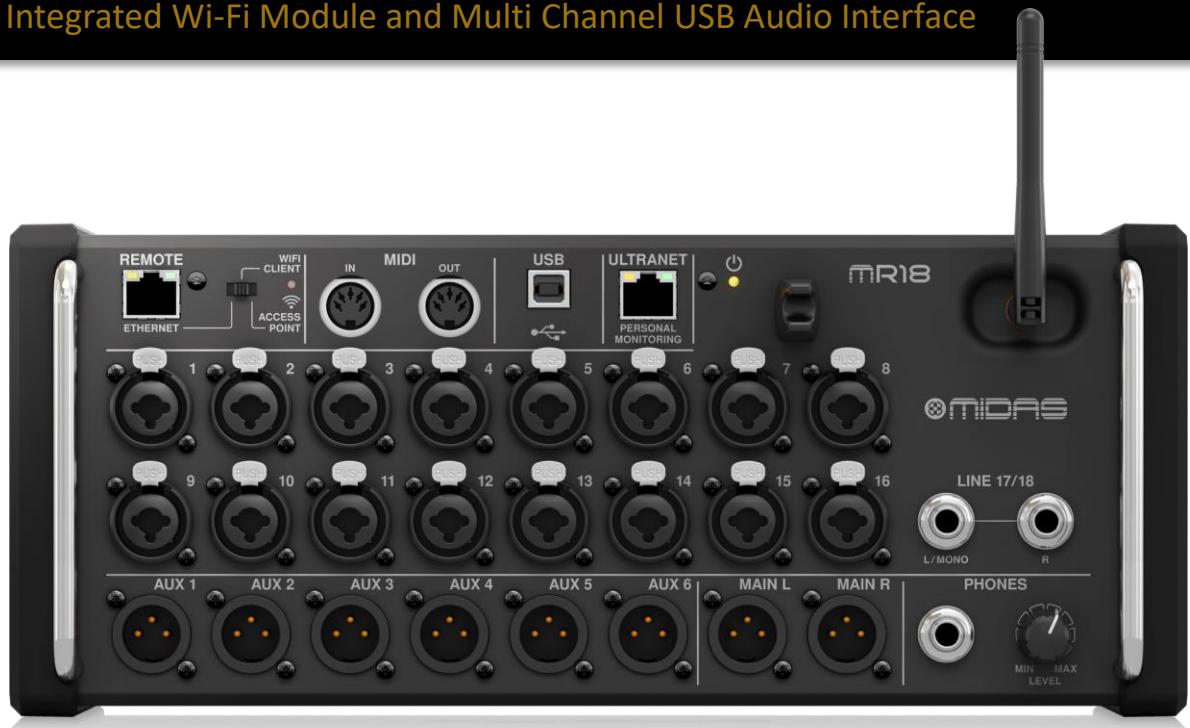
Custom-designed, and physically modeled after some of the most iconic and sought-after processors, all effects run inside the low-latency environment of the M32 mix engine, ensuring flawless performance, flexible routing and the end of cable faults.

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MR18

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18-Input Digital Mixer for iPad/Android Tablets with 16 Midas PRO Preamps,
Integrated Wi-Fi Module and Multi Channel USB Audio Interface



The Midas M32 completely redefined what is possible from a digital mixer - and thousands of users are enjoying the results. Now that technology has been incorporated into the small but powerful MR18 rack-mountable mixer, which will forever change the way you record and the way you play live music.

Product Features

- iPad*/Android* tablet controlled 18-input digital mixer for studio and live application
- 16 award-winning Midas PRO microphone preamplifiers
- Built-In Tri-Mode Wifi router for direct operation-no need for external routers
- 18 x 18 channel, bidirectional USB2.0 interface
- Dugan*-style Auto-Mixing automatically manages microphone gain sharing
- 4 digital signal processing effects engines
- ULTRANET connectivity for P-16 Personal Monitoring System*
- Rack ears and protection bumpers included for flexible rack and onstage applications
- 6 aux and main LR buses with inserts, full dynamics processing and 6-band parametric or 31-band graphic EQ
- 6 XLR aux outputs and 2 XLR main outputs plus phones connector
- 40 bit floating point digital signal processing
- Free iOS, Android and PC/Mac*/Linux* apps available for remote operation via Ethernet, LAN or Wi-Fi
- MIDI In/Out allows controlling the mixer via MIDI equipment or for use as a USB MIDI interface
- Future firmware updates, incl. new FX "Plug Ins", downloadable from midasconsoles.com free of charge
- Auto-ranging universal switch-mode power supply

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16 Midas Pro Mic Preamps

The Midas Pro mic amp was developed for the PRO Series mixing consoles and is also found in the M32 - and has been recognised by leading live sound and recording engineers as the very essence of the famous Midas sound. It is here in the MR18 that more than 40 years of design excellence has come together with premium grade components to provide unparalleled warmth and depth, subtle ambience, and immaculate spatial positioning - for more precise imaging than competing models. The award-winning Midas microphone preamplifier has inspired generations of live sound engineers to their best work, creating sonic landscapes that have captivated audiences worldwide. MR18 comes equipped with 16 Midas Pro preamps, all of which are literally ready for your input via the Neutrik combo connectors with locking latches.

16 Channels of Personal Monitoring

The easy way to send sound, Behringer's proprietary ULTRANET connectivity allows you to send 16 digital sources over a lightweight and easy-to-deploy

Cat 5e cable to P16-D Digital ULTRANET Distributors, or directly to P16-M Personal Monitor Mixers. This powerful and advanced technology makes it easy for individual performers to create their own

"more me" mix - and frees you to put on your best show.



Uncompromised Channel Processing

The MR18 allows you to achieve the same incredible level of EQ finesse as the award-winning M32 thanks to its 100-band Real Time Analyzer, which is built into every input channel and bus EQ. Visual feedback built into the control app allows you to see and make fast, surgical adjustments to frequencies in need of a boost or a cut. You will wonder how you ever EQ'd without it!

Every input channel also features Low-Cut, 4-band fully parametric EQ and the same Gate and Compressor dynamics suite found in the M32 - with one very special addition; you can choose either Expert or Simple functionality. In Expert mode, you can drill down and take total control over every nuance of your dynamics. Or, if you are more of the 'plug and play' type, Simple mode lets you either select from one of 4 carefully optimized presets - or load your own channel templates. Add to this 40-Bit, floating-point DSP and you will experience virtually "unlimited" dynamic range with no internal overload and near-zero overall latency.

In addition to the Main L/R bus for Front of House, 6 Aux buses are provided for dialing in the perfect monitor mixes, or creating a dedicated mix for your USB stereo recording - complete with inserts, dynamics, and either a 6-band parametric EQ or 31-band graphic EQ. And if you want even more precise control over your EQ, 100-band RTAs are available for all of these buses, too.

MIDAS

M32 LIVE

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Digital Console for Live and Studio with 40 Input Channels, 32 Midas PRO Microphone Preamplifiers and 25 Mix Buses and Live Multitrack Recording



Designing A Future Classic

Our goal for M32 LIVE was to combine the best of classic British console designs with advanced modern technology to completely redefine what a medium-format live console can offer.

We began the industrial design process by drawing inspiration from a somewhat unexpected source – the luxury and high-performance car industry.

Product Features

- Live performance and studio recording digital console with up to 40 simultaneous input channels
- 32 award-winning Midas PRO microphone preamplifiers
- 25 time-aligned and phase-coherent mix buses
- AES50 networking allows up to 96 inputs and 96 outputs
- 32 bi-directional channels of live recording/playback on dual SD/SDHC (cards not included)
- Up to 3 hours of 32 channel PCM recording in one session - stored as uncompressed WAV files
- High-performance carbon fibre, aluminium and high-impact steel structure
- 40 bit floating point digital signal processing
- 8 DCA and 6 mute groups
- 8 digital signal processing effects engines
- 25 Midas PRO motor faders
- Daylight viewable 7" full colour TFT display screen
- 32 x 32 channel USB 2.0 audio interface
- DAW remote control emulations of Mackie Control* and HUI* protocols
- Optional wireless remote control with Midas Apps for iPhone* and iPad*
- Auto-ranging universal switch-mode power supply

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Why High-Performance Cars?

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Simply because the design teams at Aston Martin*, Bentley*, Rolls Royce*, and other leading manufacturers are skilled at introducing innovative technological advancements while simultaneously maintaining the feel, essence, and intangible qualities of their cherished brands. And in essence, that's the challenge we too faced when creating the M32 LIVE console.

So in order to create a future-forward design that took the Midas legacy even further, we enlisted the help of Rajesh Kutty, a leading industrial designer known for his work with celebrated luxury auto manufacturers such as Bentley, etc.

The Landmark in Console History

A close look at M32 LIVE reveals that the styling is completely new in every sense of the word. Rajesh Kutty's automotive-inspired design elements mesh perfectly with a recognisable Midas signature, setting the M32 LIVE apart from any other console. Its beautifully streamlined and elegant form factor completely revolutionises the experience of live mixing.

The Midas M32 LIVE construction is equally impressive and is designed to offer you years of reliable performance while withstanding the demanding environment of live performance venues. M32 LIVE employs a predominantly space-frame construction, with parts of the sub-frame consisting of durable and lightweight carbon fibre and aluminium. Multiple alloys have been employed throughout to guarantee maximum component efficiency and an improved performance-to-weight ratio.

Built for Tomorrow

The M32 LIVE is a console built for today, and tomorrow - its rock-solid proprietary operating system and the 0.8 ms audio engine provide outstanding state-of-the-art audio performance for years to come.

Award-Winning Midas Mic

Preamplifier

The Midas mic preamp is considered by leading live sound and recording engineers to be the very essence of the famous Midas sound. More than 40 years of design experience paired with the finest choice of premium-grade components lead to the acclaimed warmth and depth, bring out subtle ambience, maintain spatial positioning, and more effectively capture a precise image.

The acclaimed sound of the award-winning Midas microphone preamplifier has inspired generations of live sound engineers to their best work, creating sonic landscapes that have captivated audiences worldwide.

Legendary Midas Sound Quality

While the Midas M32 LIVE design, styling, and construction will surely turn a lot of heads, it's the sound that matters most to engineers and performing artists. And that's where M32 LIVE shines even brighter - as the latest in a long line of pristine-sounding Midas consoles, it descends from a celebrated lineage that literally set the standard in electrical design and sound quality.

Ever since Midas consoles first found fame 40 years ago with acts like Billy Joel, Yes, The Beach Boys, Pink Floyd and others, the Midas legacy has always been about uncompromising quality and the ultimate in sound reproduction.

Backing the analogue input section are audiophile Cirrus Logic multi-channel 192 kHz capable A/D converters, which boast a 114 dB dynamic range, ensuring impressively low distortion and low noise performance.

MIDAS

M32 R LIVE

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Digital Console for Live and Studio with 40 Input Channels, 16 Midas PRO Microphone Preamplifiers and 25 Mix Buses and Live Multitrack Recording

A close look at M32R LIVE reveals that the styling is completely new in every sense of the word. Rajesh Kutty's automotive-inspired design elements mesh perfectly with a recognisable Midas signature, setting the M32R LIVE apart from any other console. Its beautifully streamlined and elegant form factor completely revolutionises the experience of live mixing.

The Midas M32R LIVE construction is equally impressive, and is designed to offer you years of reliable performance while withstanding the demanding environment of live performance venues. M32R LIVE employs a predominantly space-frame construction, with parts of the sub-frame consisting of high-performance aluminium.



Product Features

- Live performance and studio recording digital console with up to 40 simultaneous input channels
- 16 award-winning Midas PRO microphone preamplifiers
- 25 time-aligned and phase-coherent mix buses
- AES50 networking allows up to 96 inputs and 96 outputs
- 32 bi-directional channels of live recording/playback on dual SD/SDHC (cards not included)
- Up to 3 hours of 32 channel PCM recording in one session - stored as uncompressed WAV files
- High-performance aluminium and high-impact steel structure
- Rack mount brackets included for ultimate flexibility
- 40 bit floating point digital signal processing
- 8 DCA and 6 mute groups
- 8 digital signal processing effects engines
- 17 Midas PRO motor faders
- Daylight viewable 5" full colour TFT display screen
- 32 x 32 channel USB 2.0 audio interface
- DAW remote control emulations of Mackie Control* and HUI* protocols
- Optional wireless remote control with Midas Apps for iPhone* and iPad*
- Auto-ranging universal switch-mode power supply

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Industry-Leading 192 kHz Precision

The groundbreaking M32R LIVE console combines legendary Midas sound quality with advanced digital technology, future-proof floating point audio engine, extremely low-latency design and industry-leading 192 kHz ADC and DAC converters, creating a revolutionary mid-format live console. M32R LIVE features ultra-sleek styling, offering you a truly luxurious mixing experience. High-end construction materials include carbon fibre provide unparalleled durability and strength, plus substantially lower weight than comparable consoles.

The M32R LIVE utilises award-winning Midas PRO Series microphone preamplifiers and the custom-designed Midas PRO motorised faders that are rated for 1 million life cycles-three times more than other leading consoles.

Creating Sonic Landscapes

The Midas preamplifier design eliminates typical imbalances of gain-setting stages, thereby improving the common-mode rejection ratio (CMRR) and harmonic distortion to an almost immeasurable level. The constant high-frequency bandwidth topology assures excellent stability, RF rejection and noise performance at all gain levels, contributing to its transparent, open and dynamic sound.

But it doesn't end there, over the years many mix engineers have found that this robust and overload-tolerant design takes on a whole new dimension of sound when driven hard, the pristine audiophile reproduction giving way to just the right combination of harmonics, a warm and organic sound heard by millions of concertgoers and recorded for posterity on countless live albums over the years.

Since pristine sound always begins with the microphone preamplifier, the first point where your signal enters the console, M32R LIVE features genuine Midas microphone preamplifiers, which faithfully reproduce every sonic detail so no part of a performance will ever be missed.

Transparent and pristine sound, low noise and high common-mode rejection are all hallmarks of this classic design.

The microphone preamplifiers are the very same ones used in the industry standard Midas XL4 and HERITAGE 3000 consoles, which many consider to be the greatest analogue live consoles ever built.

Over the past decade, the XL4 and HERITAGE 3000 have been utilised by countless top artists including Bon Jovi, Alanis Morissette, AC/DC, Coldplay, Kid Rock, Metallica, Alicia Keys, Foo Fighters, Christina Aguilera, Sir Paul McCartney, Pearl Jam, and many more.

The M32R LIVE draws from this same legacy to bring you an elite professional level of audio quality and performance.

Legendary MIDAS Sound Quality

While the Midas M32R LIVE design, styling, and construction will surely turn a lot of heads, it's the sound that matters most to engineers and performing artists. And that's where M32R LIVE shines even brighter - as the latest in a long line of pristine-sounding Midas consoles, it descends from a celebrated lineage that literally set the standard in electrical design and sound quality. Ever since Midas consoles first found fame 40 years ago with acts like Billy Joel, Yes, The Beach Boys, Pink Floyd and others, the Midas legacy has always been about uncompromising quality and the ultimate in sound reproduction.

Backing the analogue input section are audiophile Cirrus Logic multi-channel 192 kHz capable A/D converters, which boast a 114 dB dynamic range, ensuring impressively low distortion and low noise performance.

The Midas logo, consisting of the word "MIDAS" in a bold, sans-serif font, with the letters "M" and "D" slightly larger than the others.

M32 C

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Digital Rack Mixer for Installed and Live Sound Applications with 40 Input Channels and 25 Mix Buses



The 40-input, 25-bus M32C takes the brain of the flagship M32 Digital Mixing Console and packs it all into a high-performance aluminium and steel 1U form factor. Combine the M32C with our DL16 or DL32 Stage Boxes to effortlessly run sound with high I/O counts in multiple remote locations.

Dual AES50 networking CAT5 connectors allow for up to 96 remote inputs and 48 output channels to be controlled from and processed by the M32C. All of this can be managed concurrently from various locations and instances via our free remote control software applications, M32-EDIT, M32-MIX, and M32-Q.

Above all, M32C is designed to put the power of digital in your hands, without compromise. Midas' singular focus on a matchless value proposition means M32C integrates advanced features such as integrated personal monitor mixing and true high-speed digital audio networking as standard features.



Product Features

- 40-input channel, 25-bus, 1U rackmountable digital mixing core for live and installed sound application
- 25 time-aligned and phase-coherent mix buses
- AES50 networking allows up to 96 inputs and 96 outputs
- High-performance aluminium and high-impact steel structure
- 40 bit floating point digital signal processing
- 8 DCA and 6 mute groups
- 8 digital signal processing effects engines
- 32 x 32 channel USB 2.0 audio interface
- Built-in expansion port for audio interface cards or digital networking bridges
- MIDI In/Out for remote scene recall or controlling other MIDI equipment
- Optional wireless remote control with Midas Apps for iPhone* and iPad*
- Auto-ranging universal switch-mode power supply

midas



"Acoustic Integration" - the Live Sound Revolution

Legendary 40-year old British company

Turbosound, famous for producing some of the world's best speaker systems, have teamed up with Midas to seamlessly integrate mixer and speaker systems. We call it "Acoustic Integration".

The M32C's ULTRANET bus allows streaming up to 16 channels of pristine digital audio to an array of Turbosound iQ speakers - all on a single CAT5 cable, along with control data to set sound presets remotely.



What are AES50 and SuperMAC?

AES50 simultaneously provides high channel counts, extremely low and deterministic latencies, accurate phase-aligned networked clock distribution, error detection, network redundancy, with simple deployment and ease of use to meet the needs of the live performance industry.

This unique combination also benefits both live and studio recording applications, as well as post-production, broadcasting and audio routing infrastructure. SuperMAC is a proprietary implementation of AES50 owned by KLARK TEKNIK. Originally developed by Sony Pro-Audio Labs in Oxford, UK, it forms the basis of the Audio Engineering Society's AES50 open standard for digital audio networking - High Resolution Multi-channel Audio Interconnection (HRMAI), as published by the Audio Engineering Society, Inc.

- 48 bidirectional audio channels @ 48 kHz over Neutrik etherCON-terminated shielded (STP) CAT5 cable (max. length 100 meters / 328 feet)
- Single cable duplex interconnection for audio and sample clocks
- Ethernet physical layer audio data transmission
- High channel count and ultra-low deterministic latency (2x3 samples = 1/8 ms per node)
- Accurate phase-aligned clock distribution
- Comprehensive error detection and management
- Provision for redundant networking
- Minimal configuration - total ease of deployment and use
- Ethernet TCP/IP protocol-compatible auxiliary data channel

Real-Time Recording

The M32C forms the nucleus of an ultra-flexible studio control room setup when paired with DL16 I/O and POWERPLAY P16 Personal Monitoring Systems in each tracking room. The included 32 x 32 Klark Teknik DN32-USB audio interface, 8 stereo effects engines, zero-latency monitoring (independent from DAW) and 100% total recall deliver the tools to handle any project you dare to tackle.

You Are Connected

Each M32C comes loaded with all of the digital connectivity and functionality you need, right out of the box. Onboard USB 2.0 connectivity delivers a full 32 x 32 channels of audio and MIDI to your DAW. Integrated multi-channel digital audio interfaces connect to remote stage boxes and the P16 Personal Monitor System. Native Ethernet control enables remote operation by computer, iPad or iPhone over a wired or wireless network, across the room - or across the planet!

MIDAS

HD96-24

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Live Digital Console Control Centre with 144 Input Channels, 120 Mix Buses, 96 kHz Sample Rate and 21" Touch Screen



The Graviton Mk 2 Processing Engine

At the heart of every mixing console is the most important part - Audio. Overlooked by other manufacturers, we have always put sound at the top of our priority list. It was hard, almost impossible, but we improved on the legendary Midas digital sound with our new 64-bit summing mix engine with increased dynamic range. Driving a Midas has never been easier. The key to the Midas sound is in giving ultimate flexibility while still being delay compensated. Avoiding the dreaded comb filtering effect is so very important. Many other consoles simply ignore this crucial part of the audio signal path.

Product Features

- Live performance digital control centre with up to 144 simultaneous input channels and 96 kHz sample rate
- 120 time-aligned and phase-coherent mix buses
- 21" full colour TFT display screen with capacitive touch sensing
- Advanced and multi-gesture touchscreen user interface
- Award-winning Midas microphone preamplifiers
- HyperMAC and AES50 networking allows up to 576 inputs and 576 outputs @ 96 kHz sample rate
- Dual network bridge format converter with up to 128 bidirectional channels and asynchronous sample rate conversion
- 24 VCA (variable control association) groups, and unlimited POPulation groups
- Up to 24 multi-channel digital signal processing effects engines
- Integrated Wireless transceiver module
- Dual ULTRANET Ports providing 32 additional digital outputs
- 28 Midas PRO motorised 100 mm faders
- Fully interpolated touch sensitive controls
- Dual redundant auto-ranging universal switch-mode power supplies

midas



Midas Touch

The first Midas full HD multitouch screen with up to 10 faders being controlled at once, unseen on a mixing console. Mixing never looked so good.

Shout Mixer

The Shout Mixer allows complex communication groups to be easily created and stored. 16 shout inputs (independent of the input and output channel count) can be used to create multifarious talk systems with 12 dedicated outputs. Instant recall allows you to use different settings for soundcheck and the all-important big show.

Channel AI™

Never before has a console been able to listen to your source, tell you what it is, suggest Gain, EQ, Compression and Gate settings if required. All this presented in an easy user interface that lets you decide which parts of suggested settings you wish to use. Adaptive presets let you pick the style of sound you want and the Channel AI™ does the rest. You'll wonder how you ever lived without it.

Tap Off Points

New tap off points on channels have been introduced to allow signals to be sent from any point in the signal path. This gives greater flexibility for sending signals to stage before any element of processing has been performed. All this without affecting what Midas magic is needed for the main mix.

For the first time on a Midas, post insert fader points are available plus all processing options orders can be changed by simply dragging and dropping in the order you desire.

Flexi-Aux

The Flexi-Aux system gives the ability to send aux to aux for group or stem style mixing. Now you can smash a whole drum kit with parallel compression and feed it to an artists in ear mix.

Variable Channel Phase

The new, intuitive, easy to use Variable Phase per channel allows sound sources to be blended together seamlessly, with high or low phase changes to mix signals together in ways never achievable before.



midas

HD96-FB16

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Portable Fader Bay with 16 Control Strips for Use with HD Console Series



HD96-FB16

The HD96-FB16 expands your control and streamlines your workflow. This portable fader bay turns any HD Series console into a fully expanded mixing surface. With 16 motorised faders, dedicated channel displays, and tactile command of your core functions, the FB16 is built to keep you fast, focused, and flexible. The perfect partner to the HD96-AIR, it gives engineers the power and precision of a larger desk in a compact, road-ready form.

Product Features

- 16 channel control surface with individual Fader, Mute, Select and Channel Information Display
- Lightweight and compact for portability
- 16 240 x 240 high resolution LCD Screens for easy channel identification
- 16 Midas PRO motorised faders for precision level control
- 16 Mute and Select buttons for quick access to key functions
- Switched mode power supply
- USB connection for simple integration with HD series consoles

MIDAS



Built to Move. Made to Last.

Lightweight yet robust, the HD96-FB16 is engineered for life on the road. Its compact footprint makes it ideal for portable and space-limited setups, while the durable construction and internal power supply ensure consistent reliability night after night. From touring engineers to fixed installations, the FB16 delivers MIDAS-grade precision and performance, wherever your mix takes you.



Compact Control. Complete Confidence.

Built for speed and efficiency, the HD96-FB16 provides instant access to 16 channels of fader control via a single USB connection. Each strip features a motorised 100 mm fader, Mute and Select buttons, and an ultra-clear 24x240 LCD screen for quick channel identification and mix navigation.

Whether you're expanding a fly rig or creating a modular control setup, the FB16 ensures that your workflow is as fast as your mix.



MIDAS

AS 80

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HMAC to Dual HMAC Converter



The Midas AS-80 Dual HMAC Converter facilitates seamless conversion between single HyperMac and dual HMAC connections. With support for up to 192 bidirectional channels at 96 kHz, this compact 1U rackmount unit enhances audio switching capabilities, making it ideal for demanding live sound applications.



Product Features

- Single HyperMac to dual HMAC converter for running dual redundant 1 GBit connections
- Up to 192 bidirectional channels at 96 kHz
- Dual redundant auto-ranging universal switch-mode power supply
- Compact and rugged design
- 1U rackmountable design
- Clocked from incoming HMAC ports
- Connection redundancy status available from connected console indicating cable state
- Industry standard RJ-45 connectors used for AES50 ports and copper snake connection
- Industry standard dual-fibre optical connector used for optical fibre snake connection

MIDAS



Tough and Dependable

Thanks to its 1U rackmountable design, AS 80 can be easily integrated into any touring or live portable sound setup without taking up too much space and can withstand the demands of life on tour.

Reliable Redundancy

Using AS 80 with our flagship HD96 console allows both console Snake ports to be made redundant providing greater potential channel count. Furthermore, AS 80's utilisation of FPGA-based switching technology ensures dependable HMAC failover to a redundant connection.

Seamless Connectivity

The Midas AS-80 Dual HMAC Converter enables efficient conversion between single HyperMac and dual HMAC connections. This capability simplifies the audio routing process, providing greater flexibility for live sound applications.

Wide Operating Temperature Range

With an operating temperature range of 5 to 45°C and a storage temperature range of -20 to 60°C, the AS-80 is built to withstand various environmental factors.

This feature makes it suitable for both indoor and outdoor use, ensuring reliability in diverse conditions.

Lightweight and Portable

Weighing only 5.1 kg, the AS-80 remains lightweight while providing robust performance. Its portability makes it easy to transport for touring or events, allowing sound engineers to maintain high-quality audio wherever needed.

User-Friendly Interface

The AS-80 is designed for intuitive operation, making it accessible for sound engineers of all experience levels. Its straightforward layout allows for quick adjustments and monitoring, ensuring seamless integration into existing workflows.



midas

Proaudio Catalogue 2026

AS 88

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Dual HyperMAC to 8 Port Dual Redundant AES50 Converter



The Midas AS88 is designed to seamlessly convert a two, high-bitrate HyperMAC connections into eight fully redundant AES50 connections, and vice versa, whilst ensuring ultra-fast audio switching. Built for speed and reliability, AS88 also supports up to 192 bidirectional channels at 96 kHz.



Product Features

- Dual redundant HyperMAC to 8 redundant AES50 SuperMAC converter
- Up to 192 bidirectional channels at 96 kHz
- Dual redundant auto-ranging universal switch-mode power supply
- Compact and rugged design
- 2U rackmountable design
- Clocked from incoming AES50 or HyperMAC ports
- Connection redundancy status available from connected console indicating cable state
- Industry standard RJ45 connectors used for AES50 ports and copper snake connection
- Industry standard dual-fibre optical connector used for optical fibre snake connection

midas

Proaudio Catalogue 2026



Seamless Integration

Equipped with rugged industry standard RJ45 and optical connectors, the AS88 ensures seamless system integration and reliable, high-performance audio transmission over long distances. Engineered for professionals who demand rock-solid stability and uncompromising audio quality, it's the trusted solution for touring and live sound environments.

Visual Feedback and System Control

Front panel LEDs provide immediate visual feedback on power, redundancy, and data status. Users can also perform factory resets via the rear pushbutton, ensuring quick recovery and setup during live events.

Rugged and Rackmountable Design

Its 2U rackmount chassis provides durability in high-pressure environments while maximizing rack space. The compact, tough build makes it ideal for both touring rigs and permanent installations.

Advanced Clocking and Redundancy Monitoring

The AS-88 can be clocked from either incoming AES50 or HyperMAC ports, supporting flexible sync configurations.

It also communicates connection redundancy status to the connected console, clearly indicating the state of each cable and connection.

Dual HyperMAC to AES50 Conversion

The AS-88 seamlessly converts two high-speed HyperMAC connections into eight fully redundant AES50 connections. This powerful bidirectional conversion allows up to 192 audio channels at 96 kHz, delivering unmatched flexibility and scalability for large-format digital audio systems.

Optimized for the HD96 Console

When paired with the Midas HD96 console, the AS88 unlocks full redundancy on both Snake ports, expanding channel capacity and ensuring smooth operation with failover protection.



midas

COBALT

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HyperMAC to USB3 Converter Supporting Recording/Playback of up to 192 Channels on MacOS with Sample Rate Conversion



The Midas COBALT HyperMAC to USB3 Converter is a compact, high-channel-count audio interface designed for live sound professionals. It enables seamless integration between HyperMAC networks and USB3 workflows, supporting up to 192 bidirectional channels at 96 kHz.

With features like dual redundant connections, flexible sample rates, and a durable design, it offers a reliable and portable solution for high-quality audio recording and playback.

Product Features

- High channel count recording/playback interface utilising USB3 and HyperMAC protocol
- Switchable 96/48 kHz sample rate of USB audio stream for flexibility of recording format
- Selectable channel count of USB audio stream for compatibility with lower specification computer systems
- Dual redundant HyperMAC connection for automatic audio backup
- HyperMAC status indication LEDs for easy audio synchronisation diagnostics
- Locking USB-C for a secure connection in touring environment
- Compact design for portability
- Blue brushed aluminium chassis for elegant and stylish look
- Carry case included for protection during travel

MIDAS



Simplicity at its Best

With a single locking USB-C connection, COBALT delivers effortless compatibility with Apple Macs – no adapters, no hassle. While the initial release supports macOS only due to ongoing stability work with ASIO drivers, full cross-platform functionality remains a priority. With up to 192 bidirectional channels at 48 or 96 kHz via Dual Redundant HyperMAC In/Outs, COBALT ensures ultra-reliable performance in even the most demanding live environments. Not to mention, thanks to the onboard LED status indicators, signal integrity is always visible at a glance and easy to monitor – giving engineers the confidence to focus on what matters most: the mix.

Compact and rugged design

COBALT is built into a brushed aluminium blue chassis that provides both style and strength. Its small footprint and lightweight construction make it ideal for mobile setups and touring conditions.

Included carry case

Each unit comes with a durable carry case, which protects the converter during transport. This added accessory enhances portability for users on the go.

Ethernet tunnel functionality

COBALT features an internal Ethernet tunnel, allowing other network applications to communicate through the same physical connection. This reduces cabling complexity and increases system efficiency.



midas

PoE-Powered 8 Input, 8 Output Stage Box with Midas PRO Microphone Preamplifiers and 2 Powered ULTRANET Monitoring Outputs



Digital mixing has revolutionized virtually everything in the live entertainment production workflow, and now that same cutting-edge technology brings live production signal distribution into the modern age. The Midas DL8 Stage Box provides 8 award-winning Midas PRO microphone preamplifiers with switchable 48 V phantom power, along with 8 electronically balanced low-impedance line-level outputs.

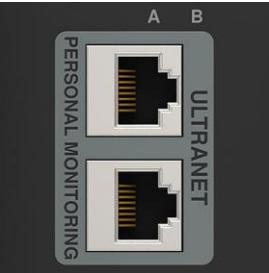
It also features an integrated ULTRANET distribution hub for powered connection of two personal monitoring mixers, plus digital audio and control connectivity for Turbosound speaker systems with ULTRANET networking capability.



Product Features

- 8 award-winning Midas PRO microphone preamplifiers with switchable 48 V phantom power
- 8 electronically balanced low impedance line level outputs
- Powered via AES50 PoE from compatible Midas hubs, or from internal switched mode power supply
- ULTRANET distribution hub for powered connection of 2 personal monitoring mixers
- Digital audio and control connectivity for Turbosound speaker systems with ULTRANET networking capability
- Dual AES50 SuperMAC ports for cascading additional stageboxes—no merger or router required
- Rack ears and protection bumpers included for installed and on-stage applications
- Remote operation via shielded CAT5e cable up to 330 ft / 100 m length
- Features industry standard RJ-45 AES50 network ports
- Rugged chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply

MIDAS



Durability and Build Quality

The DL 8 is built with a rugged chassis designed to withstand the demands of both installation and on-stage use. It includes rack ears and protection bumpers, offering enhanced durability and ease of handling. The Neutrik etherCON AES50 network ports provide reliable and secure connectivity, ensuring stable performance in professional environments.

ULTRANET - Seamless Integration

An integrated ULTRANET distribution hub is a key feature of the DL-8. This hub enables the connection of two personal monitoring mixers or Turbosound speaker systems, providing seamless integration and expanding your audio system's capabilities. ULTRANET technology ensures low-latency, high-quality audio transmission over standard CAT5 cables.

Dual AES50 Ports for Massive Connectivity

Connecting over a single shielded (STP) CAT5 cable, up to three DL8s can be daisy-chained to deliver 48 channels in and 48 out to the stage. Klark Teknik's AES50 simultaneously provides high channel counts, extremely low and deterministic latencies, accurate phase-aligned networked clock distribution, error detection, network redundancy, with simple deployment and ease of use to meet the needs of the live performance industry. This unique combination also benefits both live and studio recording applications, as well as post-production, broadcasting and audio routing infrastructure.



High-Quality Microphone Preamplifiers

The Midas DL-8 Stage Box features 8 award-winning Midas PRO microphone preamplifiers.

These preamps are renowned for their superior audio quality and are equipped with switchable +48 V phantom power, making them suitable for a wide range of microphones.

This ensures crystal-clear sound capture and optimal performance.

Unparalleled Performance

The DL8 digital stage box delivers a compact and reliable 8 x 8 signal distribution solution, combining Midas PRO remote-controlled microphone preamps with Klark Teknik AES50 connectivity and a carefully selected set of professional features. Designed for life on the road or in permanent installations, the DL8 offers robust construction, flexible mounting options, and streamlined connection to front of house via a single shielded CAT5e cable.

MIDAS

DL16

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16 Input, 8 Output Stage Box with 16 Midas Microphone Preamplifiers, ULTRANET and ADAT Interfaces



Digital mixing has revolutionized virtually everything in the live entertainment production workflow, and now that same cutting-edge technology brings live production signal distribution into the modern age. The DL16 Stage Box provides 16 of our award-winning microphone preamplifiers with switchable +48 V phantom power; 8 balanced analogue XLR returns at the stage end; an integrated ULTRANET output for connecting to BEHRINGER P16-M personal monitor mixers; plus, connectivity for your ADAT-compatible outboard equipment.

If your application calls for more inputs, or just want to keep your cable runs short and tidy, putting a DL16 at stage front and another behind the drum riser provides an additional 16 inputs for drum and guitar/bass amp mic'ing. The best part - all it takes is a single CAT5 cable per stage box.



Product Features

- 16 award-winning Midas PRO microphone preamplifiers with switchable 48 V phantom power
- 8 electronically balanced low impedance line level outputs
- ULTRANET personal monitoring system connectivity for in-ear applications
- Digital audio and control connectivity for Turbosound speaker systems with ULTRANET networking capability
- Dual AES50 SuperMAC ports for cascading additional DL16 stageboxes-no merger or router required
- Dual ADAT outputs providing 16-channel digital output on two optical TOSLINK* connectors
- Remote operation via shielded CAT5e cable up to 330 ft / 100 m length
- All settings programmable from front panel controls or console
- Status indicator LEDs on front panel
- Headphones output assignable to any of the inputs or outputs for on-stage monitoring
- MIDI In/Out for bidirectional communication between Midas M32 Series console and on-stage MIDI devices
- Features Neutrik etherCON* AES50 and ULTRANET network ports
- Rugged 2U rackmount chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply

midas



Assignable Headphones Output for On-Stage Monitoring

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For easy set up and signal routing verification, a headphones jack is conveniently located on the front of the DL16, giving you the option of listening directly to any of the 16 inputs. Simply select the signal you need to monitor by scrolling through the 16 channels whilst adjusting the gain and selecting the operating mode – all via a single robust rotary control.



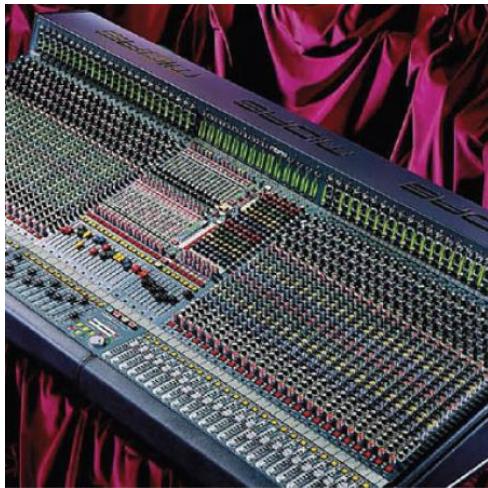
MIDI In/Out

Using scene automation has never been simpler or more convenient. The automation scenes allow MIDI events to be incorporated, so that external MIDI-compatible devices can be controlled as part of a scene change via your console's MIDI output. Additionally, console events can be triggered from an external MIDI source via your console's MIDI input. You can also control the gain and phantom power settings remotely using the MIDI communication functionality.



ADAT-Ready

Many manufacturers have adopted the ADAT digital interface as a means of transferring digital data between certain types of audio devices, such as mixers, synthesizers, lighting rigs and effect processors. The DL16's onboard ADAT Outputs enable splitting the high-quality Midas Pro Series preamp signals to outboard devices – including recording systems. When more channels are required, these optical sockets can alternately be used to connect ADAT-equipped D/A converters (such as the Behringer ADA8200) for up to 16 additional analogue outputs.



Remotely Controllable Preamps Make Setup a Breeze

DL16's ingenious monitoring/head amp control section allows you to select any of the 16 inputs, 8 bus outputs or P-16 output streams for immediate line checks.

In addition to signal metering at the stage box, you can also set individual input channel Gain, apply +48 V phantom power – and listen directly to the input signal via headphones and much more. Once set, all configuration settings can be locked at the console for total system security.

Unparalleled Performance

As you can see, the DL16 digital stage box is the ideal 16 x 8 signal distribution solution thanks to our legendary remote controllable mic preamps, Klark Teknik's AES50 connectivity and a wealth of other professional-grade features. Built tough enough to withstand the rigors of the road, the DL16 only takes up two rack spaces and connects to FOH with a single, inexpensive CAT5 cable. Now you can have the missing link between the stage and FOH at a fraction of the cost of competing systems – and we back it up with a comprehensive warranty program.

MIDAS

32 Input, 16 Output Stage Box with 32 Midas Microphone Preamplifiers, ULTRANET and ADAT Interfaces



Digital mixing has revolutionized virtually everything in the live-entertainment production workflow. The DL32 is the perfect solution for connecting the onstage talent with your Front of House (FOH) console, and the rest of the world - the I/O packed and highly affordable DL32 digital stage box.

The DL32 provides 32 Midas PRO Series remote-controllable mic preamps, plus 16 balanced analog XLR returns at the stage end - and all it takes is a single Cat 5e cable (up to 100 m / 328'). While Klark Teknik, the industry-leader in high-end digital audio processing, invented the AES50 Super MAC technology that made it all possible - our superb scale of production makes the DL32 so very affordable.

Product Features

- 32 award-winning Midas PRO microphone preamplifiers with switchable 48 V phantom power
- 16 electronically balanced low impedance line level outputs
- ULTRANET personal monitoring system connectivity for in-ear applications
- Digital audio and control connectivity for Turbosound speaker systems with ULTRANET networking capability
- Dual AES50 SuperMAC ports for cascading additional DL16 stageboxes no merger or router required
- Automatic AES50 stage-split mode when connected between Midas M32 Series FOH and monitor consoles
- Dual ADAT outputs providing 16-channel digital output on two optical TOSLINK* connectors
- 2 AES-3 ports (AES/EBU), for directly connecting PA system controllers with digital inputs
- Remote operation via shielded CAT5e cable up to 330 ft / 100 m length
- Mute All function for quietly patching any inputs on stage
- MIDI In/Out for bidirectional communication between Midas M32 Series console and on-stage MIDI devices
- Features Neutrik etherCON* AES50 and ULTRANET network ports
- Rugged 3U rackmount chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply

midas



Ecosystem and Beyond

The DL32 was initially designed with our M32 Digital Mixing Console in mind, but any mixingboard with AES50 networking capability can still tap directly into the DL32's powerful feature set. For instance, a DL32 and M32C could be jointly utilised to create a remote controlled digital mixing system in only 4U.

Another prime application might include the M32C providing independent monitor mix duties, while also relaying and sharing all I/O with the main console – an M32, or another digital mixer that supports MADI, Dante, ADAT or AES50 I/O. Reasonably priced option cards to replace the standard 32 x 32 channel USB interface are separately available for that exact purpose. You can even mix the complete show from the onstage M32C via dedicated remote control apps. And since the DL32 and M32C

communicate via AES50, they can be separated by up to 100 m (328') of CAT5 cabling, should that be more convenient for the venue.

Massive Connectivity

When used as part of a complete M32 system, two DL32 Stage Boxes can be cascaded via the built-in AES50 ports, providing connectivity for up to 64 mic/line inputs, 32 balanced outputs and the ULTRANET port allows direct connection to Turbosound iQ Series loudspeakers and the Behringer POWERPLAY P-16 Personal Monitoring System – which can feed up to 48 individual monitor mixers.

We also included 2 optical ADAT sockets and AES-3 (AES/EBU) for connecting to outboard devices, a convenient USB port for system updates via your PC – plus MIDI I/O for lighting systems and sound module control.



Extraordinary Value

As you can see, the DL32 is an extremely versatile 32 x 16 digital stage box solution with our remote-controllable mic preamplifiers, Klark Teknik's AES50 connectivity and a wealth of other professional-grade features – all at a price anyone can afford.

Built tough enough to withstand the rigors of the road, the DL32 only takes up two rack spaces and connects to FOH with a single, inexpensive CAT5 cable.

MIDAS

DL151

24 Input Stage Box with 24 Midas Microphone Preamplifiers



PRO SERIES DL151

DL151 is a 2U 19" fixed-configuration rack I/O unit with 24 mic/line level inputs and delivers legendary Midas sound quality utilising our timetested and road-proven technologies. Featuring award-winning Midas microphone preamplifiers with 2.5 dB analogue gain steps and two AES50 network ports providing dual redundancy, the DL151 is the ideal partner to all Midas PRO and M32 Series digital consoles, enabling a digital snake connection from Front of House to stage.



Product Features

- 24 award-winning Midas microphone preamplifiers with switchable +48 V phantom power
- Remote operation up to 100 m via CAT5/5e cable
- Selectable 96 kHz or 48 kHz sample rate operation
- All settings programmable from front panel controls or console
- PSU status indicator LEDs and configuration LCD display on front panel
- Supports dual redundant AES50 networks
- Features Neutrik etherCON* AES50 network ports
- Rugged 2U rackmount chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply

Built for the Road

Featuring a rugged steel 2U rackmount enclosure, the DL151 is designed for the rigours of live concert touring. Premium Neutrik connectors are used for reliable audio and network connections, night after night.

MIDAS



Remote Console or Front Panel Control

All configuration settings for DL151 can be set either remotely from the mixing console, or directly via the intuitive and easy to understand front panel.

DL151 features a front panel LCD display with intuitive menu navigation for all configuration options with LED status indicators, which provide clear feedback of operational status over wide viewing angles and distances. Clear indication is provided showing power supply output rail condition and AES50 and Ethernet network connection status and activity.

Award-Winning MIDAS Microphone Preamplifier

The Midas microphone preamplifier is considered by leading live sound and recording engineers to be the very essence of the famous Midas sound. More than 40 years of design experience paired with the finest choice of premium-grade components lead to the acclaimed warmth and depth - bringing out subtle ambience, maintaining spatial positioning and more effectively capturing a precise sound image.

The acclaimed sound of the award-winning Midas microphone preamplifier has inspired generations of live sound engineers to their best work, creating sonic panoramas that have captivated audiences worldwide.

Since pristine sound always begins with the microphone preamplifier, the first point where the signal enters the console, DL151 features the latest generation of Midas microphone preamplifiers, which faithfully reproduce every sonic detail so no part of a performance will ever be missed. Transparent and pristine sound, low noise and high common-mode rejection are all hallmarks of this classic design.

Over the years many mix engineers have found this robust and overload-tolerant design takes on a whole new dimension of sound when driven hard, the crystal-clear audiophile reproduction giving way to just the right combination of harmonics, a warm and organic sound heard by millions of concert goers and recorded for posterity on countless live albums over the years.

96 kHz or 48 kHz Operation

DL151 supports multiple sample rates for the AES50 connections - 96 kHz for use with Midas PRO Series, and 48 kHz for use with Midas M32 Series.



MIDAS

DL152

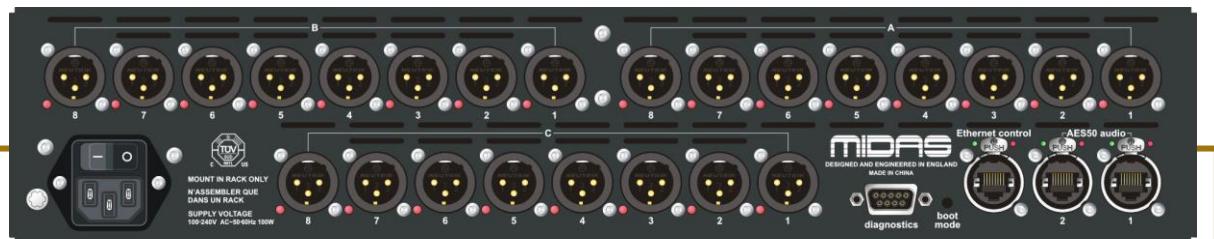
24 Output Stage Box



PRO SERIES DL152

DL152 is a 2U 19" fixed-configuration rack I/O unit with 24 line level outputs and delivers legendary Midas sound quality utilising our time-tested and road-proven technologies.

Featuring two AES50 network ports providing dual redundancy, the DL152 is the ideal partner to all Midas PRO and M32 Series digital consoles, enabling a digital snake connection from Front of House to stage.



Product Features

- 24 electronically balanced low impedance line level outputs
- Remote operation up to 100 m via CAT5/5e cable
- Selectable 96 kHz or 48 kHz sample rate operation
- All settings programmable from front panel controls or console
- PSU status indicator LEDs and configuration LCD display on front panel
- Supports dual redundant AES50 networks
- Features Neutrik etherCON* AES50 network ports
- Rugged 2U rackmount chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply

Auto-Ranging Universal Switch-Mode Power Supply

DL152 features a universal power supply, which is auto-voltage sensing for use on a worldwide basis.

MIDAS



Remote Console or Front Panel Control

All configuration settings for DL151 can be set either remotely from the mixing console, or directly via the intuitive and easy to understand front panel.

DL151 features a front panel LCD display with intuitive menu navigation for all configuration options with LED status indicators, which provide clear feedback of operational status over wide viewing angles and distances. Clear indication is provided showing power supply output rail condition and AES50 and Ethernet network connection status and activity.

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Built for the Road

Featuring a rugged steel 2U rackmount enclosure, the DL152 is designed for the rigours of live concert touring. Premium Neutrik connectors are used for reliable audio and network connections, night after night.

96 kHz or 48 kHz Operation

DL152 supports multiple sample rates for the AES50 connections - 96 kHz for use with Midas PRO Series, and 48 kHz for use with Midas M32 Series.

MIDAS

DL153

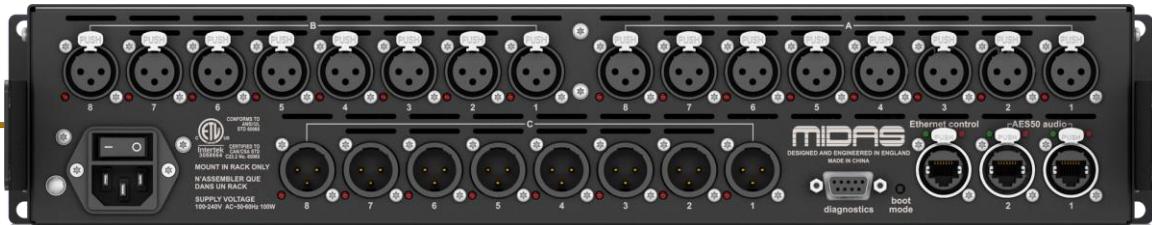
16 Input, 8 Output Stage Box with 16 Midas Microphone Preamplifiers



PRO SERIES DL153

DL153 is a 2U 19" fixed-configuration rack I/O unit with 16 mic/line level inputs and 8 line level outputs and delivers legendary Midas sound quality utilising our time-tested and road-proven technologies.

Featuring award-winning Midas microphone preamplifiers with 2.5 dB analogue gain steps and two AES50 network ports providing dual redundancy, the DL153 is the ideal partner to all Midas PRO and M32 Series digital consoles, enabling a digital snake connection from Front of House to stage.



Product Features

- 16 award-winning Midas microphone preamplifiers with switchable +48 V phantom power
- 8 electronically balanced low impedance line level outputs
- Remote operation up to 100 m via CAT5/5e cable
- Selectable 96 kHz or 48 kHz sample rate operation
- All settings programmable from front panel controls or console
- PSU status indicator LEDs and configuration LCD display on front panel
- Supports dual redundant AES50 networks
- Features Neutrik ether CON* AES50 network ports
- Rugged 2U rackmount chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply

High Output Drive Line Outputs with Mute

DL153 features 8 active servo-balanced low impedance line level outputs with high output current capability for driving long cable runs.

The outputs feature an automatic mute facility if the audio signal path is muted by the mixing console operator, and individual LED indicators are provided for each output connector.

MIDAS



Remote Console or Front Panel Control

All configuration settings for DL153 can be set either remotely from the mixing console, or directly via the intuitive and easy to understand front panel.

DL153 features a front panel LCD display with intuitive menu navigation for all configuration options with LED status indicators, which provide clear feedback of operational status over wide viewing angles and distances. Clear indication is provided showing power supply output rail condition and AES50 and Ethernet network connection status and activity.

Digital Audio Networking

SuperMAC (AES50-Compliant) digital audio networking technology from Klark Teknik simultaneously provides high channel counts, ultra low and deterministic latencies, sample-synchronous and phase-aligned networked clock distribution, error detection and correction, network redundancy, and ease of deployment and use - to meet the demanding requirements of live concert touring.

DL153 is compatible with all Midas digital consoles and audio system engines, as well as with any other AES50-equipped devices.

High Output Drive Line Outputs with Mute

DL153 features 8 active servo-balanced low impedance line level outputs with high output current capability for driving long cable runs.

The outputs feature an automatic mute facility if the audio signal path is muted by the mixing console operator, and individual LED indicators are provided for each output connector.



96 kHz or 48 kHz Operation

DL153 supports multiple sample rates for the AES50 connections - 96 kHz for use with Midas PRO Series, and 48 kHz for use with Midas M32 Series.

Built for the Road

Featuring a rugged steel 2U rackmount enclosure, the DL153 is designed for the rigours of live concert touring. Premium Neutrik connectors are used for reliable audio and network connections, night after night.

Auto-Ranging Universal Switch-Mode Power Supply

DL153 features a universal power supply, which is auto-voltage sensing for use on a worldwide basis.

MIDAS

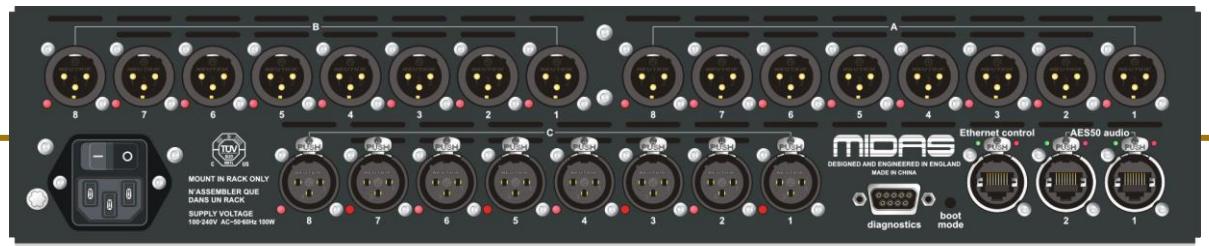
DL154

8 Input, 16 Output Stage Box with 8 Midas Microphone Preamplifiers



PRO SERIES DL154

DL154 is a 2U 19" fixed-configuration rack I/O unit with 8 mic/line level inputs and 16 line level outputs and delivers legendary Midas sound quality utilising our time-tested and road-proven technologies. Featuring award-winning Midas microphone preamplifiers with 2.5 dB analogue gain steps and two AES50 network ports providing dual redundancy, the DL154 is the ideal partner to all Midas PRO and M32 Series digital consoles, enabling a digital snake connection from Front of House to stage.



Product Features

- 8 award-winning Midas microphone preamplifiers with switchable +48 V phantom power
- 16 electronically balanced low impedance line level outputs
- Remote operation up to 100 m via CAT5/5e cable
- Selectable 96 kHz or 48 kHz sample rate operation
- All settings programmable from front panel controls or console
- PSU status indicator LEDs and configuration LCD display on front panel
- Supports dual redundant AES50 networks
- Features Neutrik ether CON* AES50 network ports
- Rugged 2U rackmount chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply

Built for the Road

Featuring a rugged steel 2U rackmount enclosure, the DL154 is designed for the rigours of live concert touring. Premium Neutrik connectors are used for reliable audio and network connections, night after night.

MIDAS



Remote Console or Front Panel Control

[Back to Index](#)

All configuration settings for DL154 can be set either remotely from the mixing console, or directly via the intuitive and easy to understand front panel.

DL154 features a front panel LCD display with intuitive menu navigation for all configuration options with LED status indicators, which provide clear feedback of operational status over wide viewing angles and distances. Clear indication is provided showing power supply output rail condition and AES50 and Ethernet network connection status and activity.

Award-Winning MIDAS Microphone Preamplifier

The Midas microphone preamplifier is considered by leading live sound and recording engineers to be the very essence of the famous Midas sound. More than 40 years of design experience paired with the finest choice of premium-grade components lead to the acclaimed warmth and depth - bringing out subtle ambience, maintaining spatial positioning and more effectively capturing a precise sound image. The acclaimed sound of the award-winning Midas microphone preamplifier has inspired generations of live sound engineers to their best work, creating sonic panoramas that have captivated audiences worldwide.

Since pristine sound always begins with the microphone preamplifier, the first point where the signal enters the console, DL154 features the latest generation of Midas microphone preamplifiers, which faithfully reproduce every sonic detail so no part of a performance will ever be missed. Transparent and pristine sound, low noise and high common-mode rejection are all hallmarks of this classic design.

Over the years many mix engineers have found this robust and overload-tolerant design takes on a whole new dimension of sound when driven hard, the crystal-clear audiophile reproduction giving way to just the right combination of harmonics, a warm and organic sound heard by millions of concert goers and recorded for posterity on countless live albums over the years.

High Output Drive Line Outputs with Mute

DL154 features 16 active servo-balanced low impedance line level outputs with high output current capability for driving long cable runs.

The outputs feature an automatic mute facility if the audio signal path is muted by the mixing console operator, and individual LED indicators are provided for each output connector.

Digital Audio Networking

SuperMAC (AES50-Compliant) digital audio networking technology from Klark Teknik simultaneously provides high channel counts, ultra low and deterministic latencies, sample-synchronous and phase-aligned networked clock distribution, error detection and correction, network redundancy, and ease of deployment and use - to meet the demanding requirements of live concert touring.

DL154 is compatible with all Midas digital consoles and audio system engines, as well as with any other AES50-equipped devices.

MIDAS

DL155-EU

16 Input, 16 Output Stage Box with 8 Midas Microphone Preamplifiers and AES3 Digital Interface



PRO SERIES DL155

DL155 is a 2U 19" fixed-configuration rack I/O unit with 8 mic/line level inputs, 8 line level outputs and an 8 channel digital AES3 (AES/EBU) interface, and delivers legendary Midas sound quality utilizing our time-tested and road-proven technologies. Featuring award-winning Midas microphone preamplifiers with 2.5 dB analogue gain steps and two AES50 network ports providing dual redundancy, the DL155 is the ideal partner to all Midas PRO and M32 Series digital consoles, enabling a digital snake connection from Front of House to stage.



Product Features

- 8 award-winning Midas microphone preamplifiers with switchable +48 V phantom power
- 8 AES3 (AES/EBU) digital inputs and outputs
- 8 electronically balanced low impedance line level outputs
- Remote operation up to 100 m via CAT5/5e cable
- 24 bit audio operation with 96 kHz sample rate
- Open architecture allows for future 48 kHz operation
- All settings programmable from front panel controls or console
- PSU status indicator LEDs and configuration LCD display on front panel
- Supports dual redundant AES50 networks
- Features industry standard RJ-45 AES50 network ports
- Rugged 2U rackmount chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply

AES3 Digital Audio Interface

The unit includes an 8-channel AES3 (AES/EBU) digital interface, configured across four XLR input and output pairs. Sample rate conversion allows seamless operation with 48 kHz or 96 kHz systems. Each AES3 input features synchronization lock indicators, and each output includes an automatic mute facility with dedicated LEDs.

MIDAS



Remote or Local Configuration

Users can configure the DL155 via front panel controls and LCD display or remotely through a connected Midas console.

The display offers easy menu navigation and comprehensive status monitoring including network, power, and output activity indicators, ensuring complete operational visibility.

Award-Winning Midas Microphone Preamplifiers

The Midas microphone preamplifier is considered by leading live sound and recording engineers to be the very essence of the famous Midas sound. More than 40 years of design experience paired with the finest choice of premium-grade components lead to the acclaimed warmth and depth - bringing out subtle ambience, maintaining spatial positioning and more effectively capturing a precise sound image. The acclaimed sound of the award-winning Midas microphone preamplifier has inspired generations of live sound engineers to their best work, creating sonic panoramas that have captivated audiences worldwide.

Since pristine sound always begins with the microphone preamplifier, the first point where the signal enters the console, DL155 features the latest generation of Midas microphone preamplifiers, which faithfully reproduce every sonic detail so no part of a performance will ever be missed. Transparent and pristine sound, low noise and high common-mode rejection are all hallmarks of this classic design.

Over the years many mix engineers have found this robust and overload-tolerant design takes on a whole new dimension of sound when driven hard, the crystal-clear audiophile reproduction giving way to just the right combination of harmonics, a warm and organic sound heard by millions of concert goers and recorded for posterity on countless live albums over the years.

Electronically Balanced Line Outputs

With 8 low-impedance, high-current line outputs, the DL155 provides robust drive capability for long cable runs. These outputs are servo-balanced for optimal signal integrity and include individual mute indication LEDs. The automatic mute function activates when the console mutes the signal, protecting the audio path.

Digital Audio Networking

SuperMAC (AES50-Compliant) digital audio networking technology from Klark Teknik simultaneously provides high channel counts, ultra low and deterministic latencies, sample-synchronous and phase-aligned networked clock distribution, error detection and correction, network redundancy, and ease of deployment and use - to meet the demanding requirements of live concert touring.

DL155 is compatible with all Midas digital consoles and audio system engines, as well as with any other AES50-equipped devices.

MIDAS

24 Input, 24 Output Active Microphone Splitter with 2 Independent Midas Microphone Preamplifiers per Input



Midas - The Legend in Sound Quality

With two independent Midas mic preamps per input, the highest quality of sonic performance is guaranteed. And with dual-redundant network ports and power supplies, peace of mind comes as standard.

With today's tech-savvy concertgoers demanding more and more from the professional sound engineer, the need to increase flexibility and functionality has never been greater. That's why the Midas Research and Development team have expanded upon the existing Microphone Splitter format to bring you the DL231.

Product Features

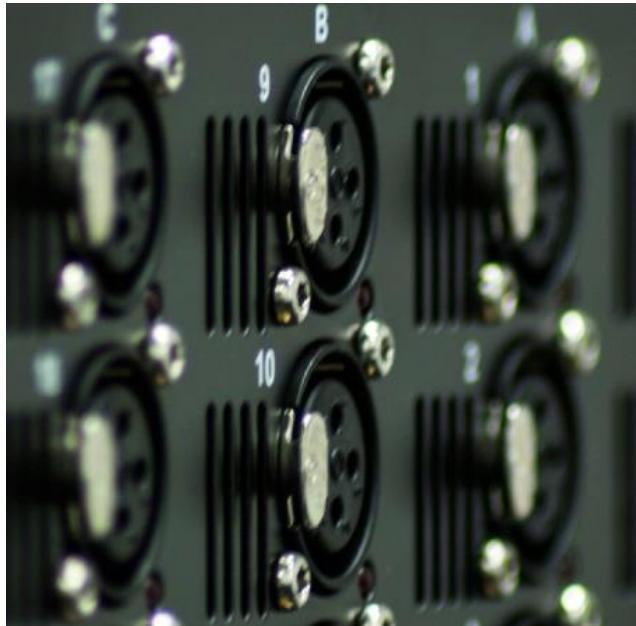
- 2 award-winning Midas microphone preamplifiers per input with switchable +48 V phantom power
- 2 dual redundant AES50 network ports with independent phase-locked loop synchronisation
- 24 electronically balanced output channels can be sourced from microphone preamplifiers or AES50 ports
- Remote operation up to 100 m via CAT5/5e cable
- Selectable 96 kHz or 48 kHz sample rate operation
- All settings programmable from front panel controls or console
- PSU status indicator LEDs and configuration LCD display on front panel
- MIDI In, Out and Thru connectors
- Features Neutrik ether CON* AES50 network ports
- Rugged 5U rackmount chassis for durability in portable applications
- Dual redundant auto-ranging universal switch-mode power supplies

MIDAS



Analogue Meets Digital - The Best of Both Worlds

The DL231 combines the warmth and authenticity of analogue circuitry with the precision and agility of state-of-the-art digital techniques. Extreme care has been taken in the planning and execution of the PCB layout to maintain exceptional grounding and analogue/digital separation.



Versatility Without Compromise

As with all Midas products versatility without compromise is a priority, that's why the DL231 comes fitted with MIDI (In, Out and Thru) and an Ethernet Control port, plus four AES50 ports to handle the independent dual-redundant digital audio interfaces.

The DL231 is capable of being switched between 24-bit 96 kHz and 48 kHz operation. A Mute All Outputs button is provided for convenient onstage re-patching - and the DL231 is powered by dual-redundant PSUs for superb reliability.

Housed in a road-ready, rugged rack-mountable chassis, the DL231 is ideally suited for transport and storage in standard flight cases (not included).

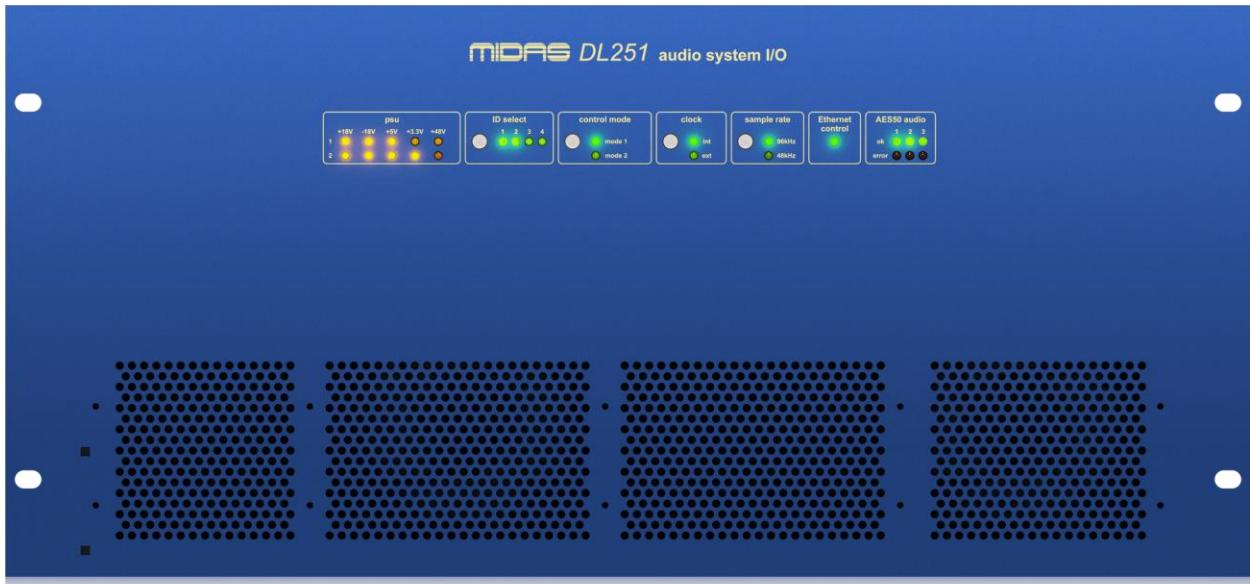
Integration Within the Midas Product Range

Styled to match our existing console aesthetic, and designed to work with all Midas digital consoles, high performance I/O has never been easier to use - or more cost effective.

midas

DL251

48 Input, 16 Output Stage Box with 48 Midas Microphone Preamplifiers



PRO SERIES DL251

DL251 is a 5U 19" fixed-configuration rack I/O unit with 48 mic/line level inputs and 16 line level outputs and delivers legendary Midas sound quality utilising our time-tested and road-proven technologies.

Featuring award-winning Midas microphone preamplifiers with 2.5 dB analogue gain steps and three AES50 network ports providing N+1 redundancy, plus an Ethernet control port and a MIDI Interface (In, Out, Thru), the DL251 is the ideal partner to the Midas M Series and PRO Series digital consoles, enabling a digital snake connection from Front of House to stage.

Product Features

- 48 award-winning Midas microphone preamplifiers with switchable +48 V phantom power
- 16 actively balanced low impedance line level outputs
- Selectable 96 kHz or 48 kHz sample rate operation
- Remote operation up to 100 m via CAT5/5e cable
- All settings programmable from front panel controls or console
- PSU status indicator LEDs and configuration switches on front panel
- 3 AES50 network ports for redundant connections
- MIDI In, Out and Thru connectors
- Features Neutrik etherCON* AES50 network ports
- Rugged 5U rackmount chassis for durability in portable applications
- Dual redundant auto-ranging universal switch-mode power supplies

MIDAS



Dual Redundant Universal Switch-Mode Power Supplies

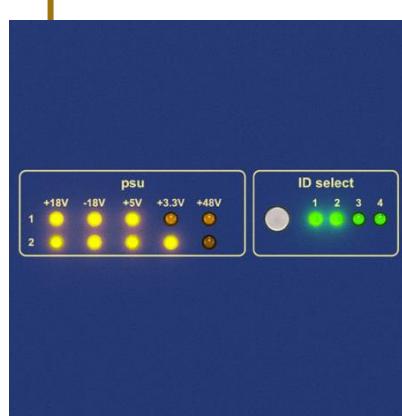
DL251 features dual-redundant power supplies, which are auto-voltage sensing for use on a worldwide basis and provide seamless switchover in the unlikely event of a loss of one power supply.



High Output Drive Line Outputs With Mute

DL251 features 16 active servo-balanced low impedance line level outputs with high output current capability for driving long cable runs.

A recessed 'Mute All Outputs' switch on the rear panel allows quiet and safe re-patching of cables, even during a show.



Remote Console Or Front Panel Control

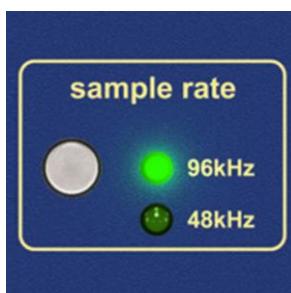
All configuration settings for DL251 can be set either remotely from the mixing console, or directly via the intuitive and easy to understand front panel. DL251 features front panel switches for all configuration options with LED status indicators, which provide highly visible feedback of operational status over wide viewing angles and distances.

Clear indication is provided of power supply output rail condition, AES50 and Ethernet network connection status and activity, choice of internal or external clock synchronisation, unit identification and communication mode setting.



Built For The Road

Featuring a rugged steel 5U rackmount enclosure, the DL251 is designed for the rigours of live concert touring. Premium Neutrik connectors are used to ensure reliable audio and network connections, night after night.



96 kHz Or 48 kHz Operation

DL251 supports multiple sample rates for the AES50 connections - 96 kHz for use with Midas Pro Series, and 48 kHz for use with Midas M32 Series.

midas

HUB4

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Monitor System Hub with 4 PoE Ports for Personal Mixers or Compatible Stage Boxes, 48/44.1 kHz AES50 In and Through, StageConnect and 16 Channel Analogue Out



Personal Monitoring with DP48

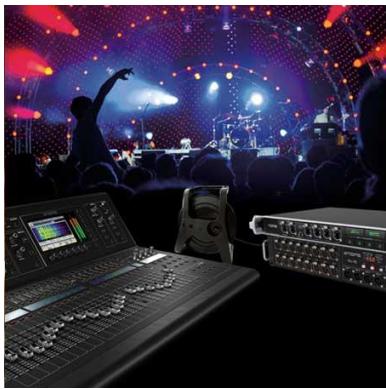
Midas HUB4 is the multi-tool in your stage rack providing analogue and digital outputs for various applications. HUB4 can supply up to four DP48 personal monitor mixers with PoE (Power over Ethernet) and 48 channels of 24-bit / 48 kHz audio. HUB4 also collects 48 channels of upstream audio and forwards this audio to the FOH console, either from stage boxes connected to the AES50-B (THRU) Port or 8 return channels from each of Ports 1-4.



Product Features

- Personal monitoring system hub with PoE remote powering for up to 4 DP48 personal mixers and compatible stage boxes
- AES50 IN and THRU ports for cascading hubs or stage boxes with 48 bidirectional channels at 48/44.1 kHz
- 16 balanced analogue outputs for sending 4x2 personal stereo mixes to IEM transmitters in the side rack
- Channel naming and Group assignments can be distributed from compatible M32 consoles
- Midas DL8 Stage Boxes can be connected and powered from ports 1-4
- Personal mix outputs can be monitored via AES50 upstream to connected consoles
- Supports remote control forwarding of a DP48 personal mixer from another DP48
- Front panel buttons for sending signals to analogue output groups 1-4, for StageConnect and for AES50-A upstream
- StageConnect output with phantom power for connecting other StageConnect devices, sharing 32-channel audio, 24-Bit uncompressed PCM, 44.1/48 kHz, at sub-millisecond latency, over any standard XLR microphone or DMX cable
- Remote operation via shielded CAT5e cable up to 260 ft / 80 m length recommended
- Features Neutrik etherCON* AES50 network ports
- Rugged 1U chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply

MIDAS



Cascading Hubs for Large Setups

To meet the challenges of large monitoring setups, HUB4 can easily be daisy-chained to make additional DP48 ports available, all the way up to symphonic orchestra applications.

On the other hand, HUB4 can also address situations where you want to connect additional I/O via the same AES50 link to the mixing console. To help build out this AES50 console link, digital stage boxes such as the Midas DL16 or DL32 can be connected to the HUB4's AES50-B (THRU) Port. The console can pass downstream signals to their respective stage outputs, while also receiving 48 channels upstream from the stage inputs via HUB4.

StageConnect - The Future of XLR

HUB4 also features a designated StageConnect port on the rear panel, anticipating the future of XLR connectivity.

- What if any standard XLR or DMX cable could be used to transmit more than one channel of audio?
- What if that cable could transmit signals not only one way, but bi-directionally?
- What if that cable would allow the passage of control data or even MIDI at the same time?
- What if a connected StageConnect device could receive up to 18 W of power through that same cable?



Well, these capabilities are exactly what StageConnect delivers - a new interface standard to be released by Music Tribe after two years of development. This new standard comes with outstanding technical specs: 32 channels of uncompressed PCM audio in various I/O configurations, 24-bit at 48 kHz, below 0.5 ms of latency.



Analogue Outputs for IEM Transmitters

HUB4 features 16 balanced line-level outputs that can carry the 8 stereo mixes from the connected DP48 mixers for connections in the side rack. So there is no need to run additional lines from personal mixers to the transmitters, reducing setup time and reliability considerably. Alternatively, these analogue outputs can also be used as spare outputs on stage receiving signals directly from the FOH consoles, e.g. for providing talkback or side fill outputs.



Remote Control Forwarding Through HUB4

HUB4 also facilitates one of the exceptional features of DP48 Personal Monitoring systems in which one DP48 unit can be designated as Master and used to control one or more DP48 units in Slave mode. HUB4 ensures that personal mixers are enumerated and that the Master, i.e., the DP48 connected to Port 1 of the first HUB4 in a daisy-chain, can control the respective Slaves. This way either a tech-savvy bandmate or the technician can help talents on stage with their personal monitor sound.

MIDAS

HUB4 PRO

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96k Monitor System Hub with 4 PoE Ports for Personal Mixers or Compatible Stage Boxes, AES50 In and Through with SRC, StageConnect and 16-Channel Analogue Out



Midas HUB4 is the multi-tool in your stage rack providing analogue and digital outputs for various The HUB4 PRO is the essential multi-tool in any stage rack, providing analogue and digital outputs for various applications and offering reliable performance for seamless integration into diverse audio setups.

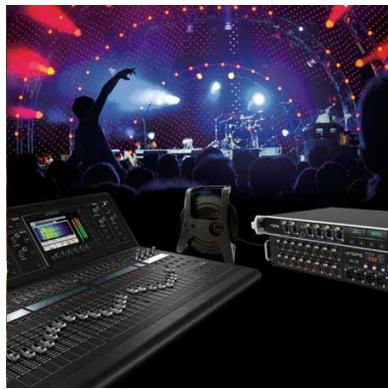
The HUB4 PRO allows a more streamlined and customisable monitoring experience, with front panel buttons and 16 balanced analogue outputs for sending 4x2 personal stereo mixes from DP48 to IEM transmitters in the side rack. It also allows collecting audio from 4 of the brand-new Midas DL8 Stage Box, which can be connected and powered from ports 1-4.

Ensuring reliable connections is key for the transmission of multiple channels in any setting, the HUB4 PRO features Neutrik etherCON* AES50 network ports and remote operation via shielded CAT5e cables. With a versatile and adaptive power supply, the HUB4 PRO can be used globally, and it has a rugged 1U chassis making it extremely durable for travel.

Product Features

- Personal monitoring system hub with PoE remote powering for 4 DP48 personal mixers and compatible stage boxes
- AES50 IN and THRU ports for cascading hubs or stage boxes with 48 bidirectional channels at 48/44.1 kHz, or 2x 24 channels at 96 kHz
- 16 balanced analogue outputs providing 8 personal stereo mixes for IEM transmitters in a side rack
- Channel naming and color properties can be distributed from compatible M32 or HD96 consoles
- 4 Midas DL8 stage boxes can be connected as sub-snakes on stage and powered from ports 1-4
- Personal mix outputs can be monitored via AES50 upstream to connected consoles
- Supports remote control forwarding of a DP48 personal master mixer to another DP48
- Talkback signals from DP48 are summed and sent upstream/ downstream on Ch 48
- Front panel buttons for sending personal mixes to analogue outputs, as well as for StageConnect and AES50-A upstream
- StageConnect master output with phantom power for connecting with other StageConnect I/O units
- StageConnect is sharing 32-channel audio, 24-Bit uncompressed PCM, 44.1/48 kHz, at sub-millisecond latency, over standard XLR or DMX cable (110- Ohm recommended)
- Shielded CAT5e cable max. 250 ft / 80 m length recommended on all AES50 ports
- Features Neutrik etherCON AES50 network ports
- Rugged 1U chassis for durability in portable applications
- Auto-ranging universal switched-mode power supply

MIDAS



Cascading Hubs for Large Setups

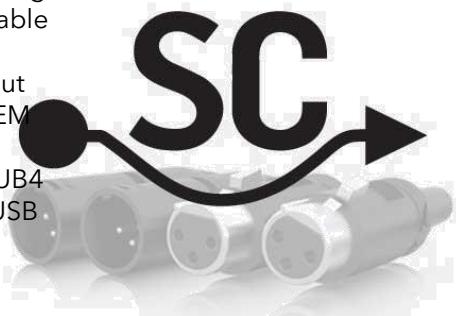
To meet the challenges of large monitoring setups, HUB4 can easily be daisy-chained to make additional DP48 ports available, all the way up to symphonic orchestra applications.

On the other hand, HUB4 can also address situations where you want to connect additional I/O via the same AES50 link to the mixing console. To help build out this AES50 console link, digital stage boxes such as the Midas DL16 or DL32 can be connected to the HUB4's AES50-B (THRU) Port. The console can pass downstream signals to their respective stage outputs, while also receiving 48 channels upstream from the stage inputs via HUB4.



StageConnect Interface

The innovative StageConnect interface yields additional flexibility for routing signals in, out, and through the HUB4 PRO. With just one standard XLR cable you can expand the total i/o capacity by 32 channels of lowest latency, impeccable 24-Bit audio. Connect a Midas DN4816-O here, for putting out 16 impedance-balanced line signals directly in the side rack, where the IEM transmitters are mounted. Or add another DN4816-I for collecting the signals of up to 16 wireless receivers for sending their signals through HUB4 PRO upstream to the mixing console. DN4816-U can be used to bridge USB audio with Ulanet and StageConnect in a compact rugged DI box case. Adding convenient and cost-efficient I/O flexibility is now on a level of its own with StageConnect.



Personal Monitoring with DP48

HUB4 PRO can supply up to four DP48 personal monitor mixers with PoE (Power over Ethernet) and 48 channels of 24-bit/48 kHz audio or 2x 24 channels at 96 kHz. HUB4 PRO also collects 48 channels of upstream audio and forwards this audio to the FOH console, either from stage boxes connected to the AES50-B (THRU) Port or 8 return channels from each of Ports 1-4.



Midas DL8 PoE (Power over Ethernet) Powered Stage Boxes

HUB4 PRO easily interfaces with the new Midas DL8 stage box, which makes bulky analog sub-snakes a thing of the past. The DL8 stage box can be connected to one of HUB4 PRO Ports 1-4 using only a simple CAT5E STP cable. This cable connection from HUB4 PRO can directly power up to 4 stage boxes via PoE support - IEEE802.3at per port - allowing for shorter analogue lines on stage.

MIDAS

Dual 48 Channel Personal Monitor Mixer with SD Card Recorder, Stereo Ambience Microphone and Remote Powering



Product Features

- Dual 48 channel personal monitor mixer compatible with Midas personal monitoring system hubs
- 12 stereo groups enable rapid creation and balancing of personal mixes from fully configurable stem groups
- Dual mix feature allows independent control of two complete monitor mixes
- Integrated SD card interface for stereo recording and playback of rehearsal sessions and performances
- Built-in stereo ambience microphone provides on-stage sound feed to remove sense of isolation with in-ear monitors
- Studio-quality reverb adds spatial ambience to personal in-ear mixes, independent from main console
- Remotely powered via direct AES50 connection from Midas hubs featuring Power over Ethernet (PoE)
- Separate DC power supply allows daisy-chaining of DP48 personal monitor mixers and use without any PoE hub
- Compatible with any 44.1/48 kHz AES50-equipped devices including Midas and Behringer digital consoles and I/O boxes
- AES50 return channels allow personal mixes to be sent back to the console or hub for connection to wireless IEM transmitters
- Remote operation up to 100 m via screened CAT5/5e cable
- Remote setup and control of DP48 personal monitor mixer via Midas hubs
- Full remote control of another DP48 when both connected to the same hub or used in daisy chain configuration
- High-contrast 2.4" colour TFT display screen provides clear overview of mix parameters, meters and group assignments
- Analogue stereo auxiliary input for local click track
- High power headphone output for use in all stage monitoring environments
- Fully adjustable limiter allows for safe monitoring levels within sound exposure limits

MIDAS



Personal Monitor Mixing Redefined

The Midas DP48 is a dual 48 channel personal monitor mixer that allows 2 performers to fully control their monitor mixes and hear exactly what they want and even record and playback rehearsals and performances.

With a simple and intuitive interface and the ability to connect to any AES50-equipped device, the DP48 can create a complete monitoring system perfect for use in the studio or on stage.

Dual Stereo Mixes

The dual mix feature even allows two users to be connected to one DP48 each with their own separate stereo group mix. There are three dedicated controls for each of the Mix A and B outputs, providing independent adjustments for the respective Output Volume, the selected Group Level and for the assignable My Group Level. Both Main Mixes feature separate EQ, Reverb Level and Limiter settings—especially useful when both talents are using different in-ear or over-ear headphones.

Control and Much More

Each group in the DP48 features its very own 3 band EQ, compressor and reverb which can be controlled with one knob. Just press a button and adjust the parameter using the SELECT/EDIT knob. The low, mid and high parameters increase or attenuate their respective frequencies for each group. The compressor setting controls a selected group's compression as well as Mix A or B's peak limiting threshold. Studio-quality Reverb can be added to a selected group or mix to add more spatial ambience to a personal monitor mix independent from the main console. The Pan button allows users to adjust the panorama of a selected group.

SD Recorder and Presets

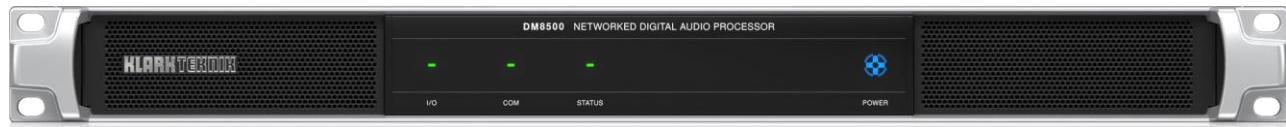
The DP48 can also accept an SD card to be used for recording rehearsals or performances. Recorded mixes can be played back to Mix A or Mix B. Recording features a mix-minus function, deducting the respective My Group signals, for use as a backing track when practicing.

You can also store complete mixing presets to SD and load them back when using a different DP48 mixer.



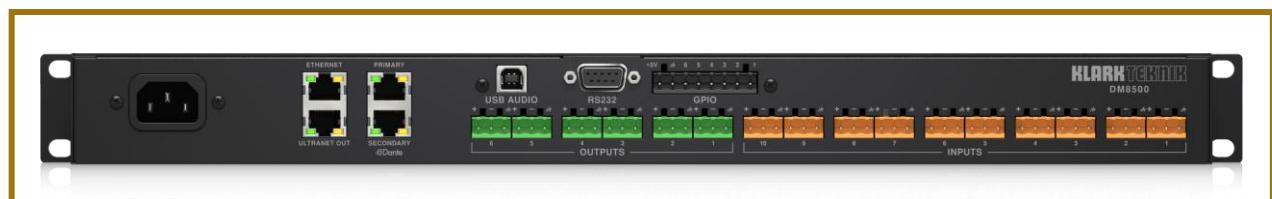
MIDAS

Networked Digital Audio Processor for Installation Applications with Configurable DSP, Audio Networking and Acoustic Echo Cancellation



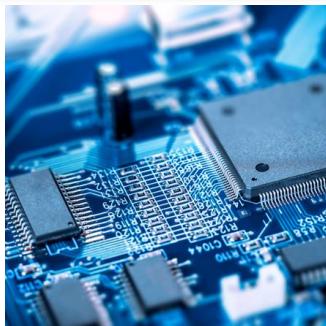
Personal Monitoring with DM-8500

The **DM8500** is a flexible, install-focused digital audio processor designed for **corporate, hospitality, and conferencing environments**. It offers **user-configurable DSP and routing, multiple I/O, and 128 channels of Dante audio networking** for seamless system integration. With **embedded USB, Ethernet, and RS232 connectivity**, and an **open-architecture DSP platform**, the DM8500 enables system integrators to create **scalable, future-ready audio solutions** for demanding applications.



Product Features

- Networked Digital Audio Processor:** The KLARK TEKNIK DM8500 is a networked open architecture digital audio processor designed for installation applications. It offers 64 x 64 channel dual-redundant Dante/AES67 audio transport for seamless integration.
- Versatile Input and Output:** Includes 10 high-headroom analogue mic/line inputs and 6 electronically balanced, low impedance line level outputs for flexible connectivity.
- Acoustic Echo Cancellation:** Features 24 channels of freely assignable Acoustic Echo Cancellation (AEC) for optimizing audio quality in conferencing environments.
- ULTRANET and Audio Networking:** Integrates a 16-channel ULTRANET audio output bus and supports Class-compliant USB connection for soft codec conferencing applications.
- System Control and Connectivity:** Allows system configuration and control via ethernet with an embedded HTML engine for custom control pages. It includes integrated control modules for Lab Gruppen D series and Lucia amplifiers.
- Extensive Connectivity Options:** Provides 6 user-configurable GPIO connections, RS232 connector for third-party control systems, and operates with an auto-ranging universal power supply.
- Acoustic Echo Cancellation:** The DM8500 uses wideband AEC processing to reduce echo and room reflections caused by hard surfaces, delivering clear, high-quality audio for conferencing, speech, and multimedia applications.
- Auto Mixing:** The DM8500 features Auto Mixing and Feedback Suppression that automatically balance multiple microphones and eliminate feedback, ensuring clean and stable audio in meeting and conferencing applications.
- System Solution:** The DM8500 enables native control of Lab Gruppen network amplifiers and provides browser-based control panels accessible from any networked device, with no additional apps required.
- IP-Based Audio Networking:** The DM8500 features 128-channel dual-redundant Dante/AES67 networking as standard, supporting up to 64 inputs and 64 outputs, configurable via Dante Controller or DM Designer.



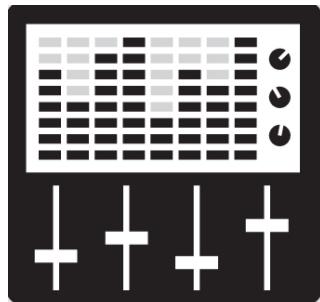
Cascading & Large-Scale System Integration

For large and complex installations, multiple Klark Teknik DM8500 processors can be deployed on the same Dante/AES67 audio network to expand system channel count and processing capacity. Each unit provides 128 channels of dual-redundant Dante/AES67 networking (64 inputs / 64 outputs) as standard, allowing audio to be freely routed between processors using Dante Controller or the embedded Dante routing engine within DM Designer. This network-based architecture enables scalable, multi-room and multi-zone system designs, with centralized configuration, monitoring, and control across all DM8500 units via standard Ethernet infrastructure.



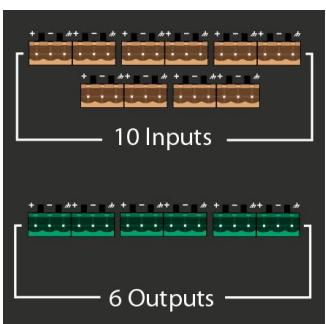
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Remote Control Forwarding Through DM-8500

The DM8500 supports remote control and monitoring of the system via built-in Ethernet and RS-232 connectivity, allowing configuration and control over a network. It also includes an embedded HTML control engine that can serve custom control pages to any networked device (wired or wireless) simply by navigating to the unit's IP address, with an optional password challenge — no additional device apps required.



Massive Connectivity

DM8500 provides massive connectivity, allowing you to build designs that simple audio systems cannot match – and it does it in a manner that is both intuitive and robust. Connections include: 10 high-headroom analogue universal mic/line inputs; 6 electronically balanced low impedance line level outputs; class compliant USB audio for integration with soft codec based conferencing systems; and a 16 channel ULTRANET digital audio transport output for use with compatible devices.



Essential Accessories

A variety of compatible products are available to help you take your DM8500 to the next level of versatility. The CP8000UL or CP8000EU can easily add simple control over volume and selection for up to 6 inputs. The DM TCE offers a programmable network based wall control panel with colour touchscreen and encoder. Need even more? Consider adding the DM8008 8 channel analogue output extender, a 19" 1U rack-mount chassis designed specifically for the ULTRANET environment making it ideal for expanding analogue audio outputs to amplifier systems.

KLARK TEKNIK

DF-1000

Ultra-Fast and Fully Automatic Dual-Channel Feedback Suppression Processor



Personal Monitoring with DF-1000

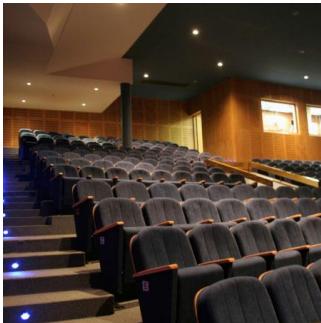
The DF1000 is a professional dual-channel automatic feedback suppression processor designed to eliminate feedback quickly and accurately in live sound systems. Using **ultrafast detection algorithms**, it identifies problem frequencies in real time and applies up to **32 filters per channel** to suppress feedback without affecting audio quality. Requiring **no setup or tuning**, the DF1000 is a true **plug-and-play solution**, ideal for applications ranging from **conference rooms and houses of worship to concert venues**, delivering reliable feedback control for both **speech and music**.



Product Features

- Ultra-Fast Feedback Suppression:** The DF1000 utilizes a highly accurate DSP algorithm to detect and eliminate feedback within milliseconds. It instantly applies up to 32 filters per channel, ensuring clear and uninterrupted audio for both speech and music.
- Dual-Channel Operation:** This processor features two fully independent audio channels, allowing for stereo processing or separate zone management. It can handle multiple inputs and outputs with ease, making it versatile for various applications.
- Advanced Filtering Technology:** With extremely narrow filters (up to 1/30th octave), the DF1000 maintains overall signal integrity while effectively suppressing feedback. This ensures high-quality sound without compromising audio fidelity.
- Comprehensive Connectivity:** The DF1000 offers multiple input and output options, including balanced/unbalanced XLR/TRS combo jacks and 3-pin Euroblock connectors. This flexibility allows seamless integration into existing audio systems.
- User-Friendly Controls:** Front panel controls include suppression and filter reset buttons, making it easy to operate. The processor also features indicators for power, active status, and reset functions, ensuring straightforward monitoring.
- Robust and Reliable Power Supply:** Equipped with an auto-ranging universal switch-mode power supply, the DF1000 is designed for global operation. Its durable construction ensures reliable performance in any environment.

KLARK TEKNIK



Functionality

In designing the DF1000, our engineers delivered a fully-automatic feedback suppressor that requires absolutely no advance setup or tuning. Functioning in real time, with detection accuracy within one-sixth of a cycle, the DF1000 is an elegant “plug and play” solution to one of live sound’s most challenging issues – feedback. Once the DF1000 is installed in-line between your mixing console and power amps, you just power up, engage the front panel Active button, and walk away.



System Enhancement

Feedback suppression may be DF1000’s main function, but feedback elimination also generates significant overall system performance. By removing annoying and potentially destructive feedback, your live sound system’s output gain can be increased by as much as 10 dB to provide much needed headroom.



Dual Mode Operation

The DF1000 makes an exceptional stereo Front Of House (FOH) feedback eliminator. Alternatively, you could use channel 1 for FOH (mono) and use channel 2 on your monitors – for a single unit feedback control center.



Connectivity

The DF1000 features all the connectivity options you could ask for – 2 balanced/unbalanced Inputs on combination Line-Level XLR/TRS sockets and 3-pin Euroblock connectors. Outputs are provided in the form of balanced XLR and Euroblock connectors.



Automatic DSP Applies up to 32 Filters per Channel

Using an ultra-fast feedback detection algorithm, the DF1000 automatically and “intelligently” locates up to 32 feedback frequencies per channel. The algorithm then sets extremely narrow notch filters (up to 1/30th of an octave) to lower those frequencies while leaving the remainder of your signal virtually untouched.

KLARK TEKNIK

DI-10P

Passive DI Box with Stereo Input/Summed Mono Output



DI-10P

The KLARK TEKNIK PRO DI-10P is a high-quality passive stereo direct injection box designed to deliver high headroom, dynamic response, and sonic clarity for professional audio applications. Ideal for interfacing MP3 players, CD players, keyboards, drum submixers, and other stereo sources with mixing consoles, the DI 10P features a custom-built MIDAS transformer and independent level controls for each stereo input channel, providing a reliable stereo-to-mono XLR solution without the need for external power.

Product Features

- Passive Design:** The Klark Teknik DI-10P operates without the need for an external power supply, making it an efficient choice for various audio applications. This passive design simplifies setup and ensures reliable performance in both studio and live environments.
- Custom-Built Midas Transformer:** Equipped with a custom-built Midas transformer, the DI-10P guarantees the highest signal integrity. This transformer enhances the audio quality by providing superior headroom and dynamic range, ensuring your sound remains clear and impactful.
- Adjustable Level Control:** The DI-10P features fully adjustable level controls for both stereo input channels. This allows users to fine-tune the signal levels, accommodating a wide range of input sources and ensuring optimal performance in any situation.
- Multiple Input Options:** With unbalanced stereo inputs available through 1/8" TRS and RCA connectors, the DI-10P easily interfaces with various audio devices, including MP3 players, keyboards, and drum machines. This versatility makes it suitable for numerous applications.
- High-Quality Outputs:** The unit boasts a high-quality Neutrik XLR connector that provides a balanced output. This design helps maintain audio quality when connecting to mixing consoles or other processing devices, ensuring a pristine signal transfer.
- Earth Lift Switch:** The Earth Lift switch effectively eliminates ground loop problems, which can cause unwanted noise in audio systems. By separating the input and output grounds, the DI-10P enhances overall performance, especially in complex setups.
- Rugged Construction:** Constructed from a durable aluminum extrusion with protective rubber corners, the DI-10P is designed to withstand the rigors of live performances. Its compact and rugged build ensures longevity, making it a reliable choice for professionals.
- Ultra-Low Noise Performance:** The DI-10P provides ultra-low noise and ultra-linear performance, contributing to the highest signal integrity. With a frequency response of 10 Hz to 91 kHz, this DI box captures a wide range of audio frequencies, ensuring exceptional sound quality.

KLARK TEKNIK

Proaudio Catalogue 2026

DI-20P

Passive Stereo DI Box with Midas Transformer and Extended Dynamic Range



DI-20P

The KLARK TEKNIK PRO DI-20P is a passive direct injection box offering high headroom, dynamic response, and sonic clarity for professional use. Equipped with a custom MIDAS transformer and switchable input pad, it easily handles instrument, line, and speaker-level signals, making it ideal for keyboards, samplers, and other electronic instruments—without requiring external power.

Product Features

- Custom-Built MIDAS Transformer:** The DI-20P is equipped with a custom-designed MIDAS transformer, ensuring the highest signal integrity. This feature guarantees that the character of both electric and acoustic instruments is faithfully reproduced, delivering pristine sound quality across a wide range of applications.
- High Headroom Design:** Designed with high headroom, the DI-20P minimizes distortion, providing ultra-linear signal transmission. This makes it perfect for capturing the nuances of detailed audio performances without introducing unwanted noise or harmonic distortion.
- Passive Operation:** A significant advantage of the DI-20P is its passive design, meaning it does not require an external power supply. This ensures simple integration into any audio setup, making it ideal for both portable and fixed installations.
- Extended Frequency Response:** With a flat frequency response ranging from 20 Hz to 30 kHz (± 1 dB), the DI-20P captures audio signals with exceptional clarity and precision. Whether you're working with instruments or other sound sources, this broad frequency range guarantees accurate sound reproduction.
- Switchable Input Attenuation:** The DI-20P features switchable input attenuation, allowing it to handle various input levels such as guitar, line, and speaker levels. This flexibility makes it suitable for a wide range of instruments and electronic devices, accommodating levels up to 30 dBu.
- Rugged Construction:** Built to withstand the demands of live performance and touring, the DI-20P features an aluminum extrusion casing with protective rubber corners. This rugged design ensures durability, protecting the internal components from physical damage.
- Neutrik XLR Connectors:** The inclusion of high-quality Neutrik XLR connectors guarantees reliable and stable connections in any professional audio setup. These connectors are known for their robust performance, ensuring consistent signal transmission during live shows or studio sessions.
- Earth Lift Switch:** The DI-20P includes an Earth Lift switch, designed to eliminate ground loop issues that can introduce noise into your system. This ensures clean, hum-free audio, particularly when using the DI box in complex audio setups.
- Fully Transformer-Isolated Design:** For complete electrical isolation, the DI-20P features a fully transformer-isolated design. This ensures that the input and output stages are electrically separated, protecting your audio equipment and maintaining the integrity of your signal in high-demand environments..

KLARK TEKNIK

Proaudio Catalogue 2026

DI-22P

Passive Stereo DI Box with Midas Transformers and Extended Dynamic Range



DI-22P

The KLARK TEKNIK PRO DI DI 22P is a passive dual-channel direct box delivering high headroom and sonic clarity for professional use. With support for instrument, line, speaker, and stereo sources, plus custom MIDAS transformers and switchable pads, it provides accurate, reliable performance without external power.

Product Features

- Custom-Built MIDAS Transformers:** The Klark Teknik DI-22P is equipped with custom-built MIDAS transformers, ensuring exceptional signal integrity and high-fidelity audio performance. These transformers help preserve the natural nuances of both electric and acoustic instruments, providing accurate sound reproduction across a wide range of frequencies.
- Flat Frequency Response:** With a frequency response of 20 Hz to 30 kHz (± 1 dB), the DI-22P offers clarity and precision in capturing both high and low-end frequencies. This flat response makes it ideal for a variety of instruments and audio sources, ensuring consistent sound quality without colorization.
- High-Headroom Design:** The DI-22P's high-headroom design allows it to handle high-output signals with ease, reducing the risk of distortion. This feature is especially useful when connecting high-gain instruments or devices, ensuring clean audio even at loud volumes.
- Versatile Connectivity:** The DI-22P includes stereo inputs with 1/4", 1/8" TRS, and RCA connectors, offering flexibility in connecting different audio sources. Whether using guitars, keyboards, or audio equipment, the DI box accommodates a wide range of setups, making it highly versatile.
- Input Attenuation:** A switchable input attenuation feature allows the DI-22P to integrate seamlessly with various signal levels, including guitar, line, and speaker outputs. This adaptability ensures that the box can be used in different performance settings without compromising on sound quality.
- Rugged Construction:** Constructed from durable aluminum with protective rubber corners, the DI-22P is built to last. Its robust design makes it suitable for the demanding conditions of live performances and touring, ensuring long-term reliability.
- Neutrik XLR Connectors and Earth Lift:** The high-quality Neutrik XLR connectors provide seamless and secure connectivity, while the Earth Lift switch eliminates ground loop issues, preventing unwanted hums and noise in your audio signal. This ensures pristine audio quality in any setup.

KLARK TEKNIK

DI-10A

Active DI Box with Midas Transformer, Extended Dynamic Range and Phantom/Battery Operation



DI-10A

The KLARK TEKNIK PRO DI-10A is a professional active direct injection box designed to deliver high headroom, dynamic response, and sonic clarity. Ideal for keyboards, samplers, and electronic instruments, it faithfully preserves the detail of both electric and acoustic sources. Powered by +48 V phantom power with automatic 9 V battery backup, and featuring a switchable input attenuator and ultra-low-noise circuitry, the DI 10A accommodates instrument, line, and speaker-level signals, making it a reliable choice for demanding live and multimedia applications.

Product Features

- Custom-Built MIDAS Transformer:** The Klark Teknik DI-10A Active DI Box features a custom-built MIDAS transformer that plays a pivotal role in delivering exceptional signal integrity and extended dynamic range. This transformer enhances audio fidelity, ensuring every nuance of your performance is captured accurately. It is ideal for connecting various instruments, from keyboards to electric guitars.
- High Headroom Design:** One of the notable features is its high headroom design, which contributes to impressive sound clarity and dynamic response. This design allows the DI-10A to handle high signal levels without distortion, making it perfect for high-output instruments. The low-noise input circuitry boasts an exceptional -112 dBu noise level, guaranteeing pristine audio reproduction.
- Dual Power Options:** The DI-10A's dual power options provide flexibility and reliability. It operates on +48 V phantom power, but if that's unavailable, it seamlessly switches to a 9 V battery backup. This automatic switchover safeguards against power failures, allowing for uninterrupted performance even in critical situations.
- High-Quality Connectivity:** Connectivity is enhanced with high-quality Neutrik XLR and 1/4" TRS connectors, which maintain signal integrity throughout your setup. The input attenuation switch accommodates a range of signal levels, making it suitable for everything from guitars to line outputs without compromising sound quality.
- Durable Construction:** Finally, the DI-10A features a robust aluminum housing with protective rubber corners, ensuring durability during touring and live performances. Its compact and lightweight design enhances portability, making it easy to transport to gigs and studio sessions. The Earth Lift switch effectively eliminates ground loop issues, and its fully transformer-isolated design ensures electrical separation, further enhancing audio quality. Overall, the DI-10A combines advanced technology with practical features, making it a reliable choice for audio professionals.

KLARK TEKNIK

Proaudio Catalogue 2026

DS-50

Passive 1-In/5-Out Signal Splitter with Extended Dynamic Range



DS-50

The KLARK TEKNIK PRO SPLITTER DS 50 is a professional passive signal splitter designed to deliver high headroom, dynamic response, and sonic clarity. Ideal for a balanced XLR signal to up to five discrete outputs, it is well suited for FOH and monitor consoles, active speakers, broadcast mixers, and other professional audio systems. Requiring no external power, the DS 50 provides a reliable and versatile solution for live sound and multimedia applications.

Product Features

- 5-Way Line-Level Signal Distribution**
Routes a single balanced XLR line-level input to up to five discrete outputs, ideal for feeding FOH and monitor consoles, active loudspeakers, broadcast mixers, and other professional audio destinations.
- High-Headroom, Ultra-Linear Audio Performance**
Features a custom instrumentation-grade input circuit designed for optimal impedance matching, delivering ultra-low noise, high headroom, and a ruler-flat frequency response of 20 Hz – 22 kHz (± 0.05 dB) for exceptional signal integrity.
- Passive, Power-Free Operation**
Fully passive design requires no external power, ensuring maximum reliability and easy integration into any professional audio or multimedia system.
- Professional XLR Connectivity**
Equipped with industry-standard XLR input and output connectors, providing secure, reliable connections and consistent signal transfer in demanding live and installed environments.
- Compact, Road-Ready Construction**
Housed in a rugged aluminium extrusion chassis with protective rubber corner bumpers, the DS 50 is built to withstand the rigours of touring while maintaining a compact and portable form factor.

KLARK TEKNIK

DW 20R

2.4 GHz Wireless Stereo Receiver for High-Performance Stereo Audio Broadcasting

DS-50

The AIR LINK DW 20R Wireless Stereo Receiver delivers high-quality wireless audio when paired with the DW 20T transmitter, offering a reliable 100 ft (30 m) range. Designed for both installed and portable systems, it features high-headroom performance, balanced XLR and $\frac{1}{4}$ " TRS outputs, and supports zoned audio applications using multiple receivers.

Product Features

- High-Performance Wireless Connectivity:** The Klark Teknik DW-20R operates at a digital 2.4 GHz frequency, providing a stable and robust wireless connection. This frequency range ensures minimal interference, allowing for clear and uninterrupted audio streaming. With a maximum wireless range of 100 feet (30 m), the receiver offers flexibility and freedom of movement in various environments.
- Durable Construction:** Features a **rugged aluminum extrusion chassis** with **protective rubber corners** for professional use.
- Versatile Audio Connections:** Equipped with **Neutrik XLR** and **$\frac{1}{4}$ " TRS connectors** for flexible, high-quality system integration.
- Flexible Installation Options:** Includes **floor and wall mounting brackets** for adaptable placement.
- Optimized Transmission:** Uses an **external articulated antenna** to enhance signal strength and positioning.
- License-Free Operation:** Operates in the **2.4 GHz ISM band** for worldwide, license-free use.



KLARK TEKNIK

DW20T

2.4 GHz Wireless Stereo Transmitter for High-Performance Stereo Audio Broadcasting

DW20T

The AIR LINK DW 20T Wireless Stereo Transmitter provides high-quality wireless audio streaming when paired with DW 20R receivers, with a reliable range of up to 100 ft (30 m). Designed for installed and portable systems, it features high-headroom performance, XLR and $\frac{1}{4}$ " TRS inputs, and supports zoned audio applications with multiple receivers.

Product Features

- Seamless Integration:** Easily integrates into hospitality, retail, and residential audio systems without complex setup.
- High-Quality Audio Performance:** High-headroom design delivers clear, detailed audio via Neutrik XLR and $\frac{1}{4}$ " TRS connectors.
- Multi-Receiver Configuration:** Supports zoned audio by pairing multiple DW 20R receivers, each linked to a single transmitter.
- Impressive Wireless Range:** External articulated antenna provides reliable wireless coverage up to 100 ft (30 m).
- Durable Design:** Rugged aluminum construction with protective rubber corners and floor/wall mounting options.
- User-Friendly Operation:** Simple setup and intuitive operation for quick deployment.
- License-Free Operation:** Operates in the 2.4 GHz ISM band for worldwide, license-free use.



KLARK TEKNIK

DN-100-V2

Active DI Box with Extended Dynamic Range



DN-100-V2

The DN100 Active DI Box is a professional +48 V phantom-powered DI known for its high headroom, low noise, and sonic clarity. It features a transformer-isolated balanced output, dual-impedance inputs for line and instrument sources, and a rugged aluminium housing, making it ideal for demanding live and studio applications.

Product Features

- High Headroom Design:** The Klark Teknik DN-100-V2 features a high headroom design, accommodating input levels up to 35 dBu without distortion. This allows musicians to connect instruments with higher output signals, ensuring clear and dynamic sound reproduction. The inclusion of +48 V phantom power makes it suitable for professional audio applications, providing the necessary power for various microphones and active devices.
- Transformer-Isolated Design:** This DI box utilizes a fully transformer-isolated design, which ensures electrical separation between PA systems and stage equipment. This isolation minimizes noise and interference, making it ideal for environments with multiple electronic devices. It helps eliminate ground loops, providing a clean and professional audio signal.
- Versatile Connectivity:** The DN-100-V2 features a balanced line input on a Neutrik XLR connector, along with two high-impedance 1/4" TRS inputs. This versatility allows for easy connection to various audio sources, including electric and acoustic instruments. Additionally, the link output on the 1/4" TRS connector enables convenient routing to amplifiers or additional gear.
- Input Pad and Earth Lift Switches:** Equipped with a 20 dB input pad and earth lift switches, the DN-100 offers enhanced flexibility in different setups. The input pad allows for seamless handling of high-level signals, while the earth lift switch helps to eliminate hum and noise caused by ground loops, ensuring a clean signal.
- Robust Construction:** Designed for the rigors of live performances, the DN-100-V2 features a durable aluminum extrusion casing with protective rubber corners. This construction not only enhances the box's ruggedness but also provides shock resistance, making it suitable for transport in various environments.
- Illuminated Controls:** The DN-100-V2 includes illuminated pad and earth lift switches, allowing for easy visibility in low-light situations. This feature enables users to quickly check the status of the DI box during performances, enhancing user convenience.
- Dual-Impedance Inputs:** With its dual-impedance inputs, the DN-100-V2 can easily accommodate both passive and active instruments. When using the XLR input, the impedance is set at 20 kΩ, while the 1/4" TRS input offers a nominal 1 MΩ impedance for optimal performance with passive pickups. This flexibility ensures that the DN-100 can adapt to a wide range of instruments and scenarios.

KLARK TEKNIK

DN-200-V2

2-Channel Active DI Box with Extended Dynamic Range and Sum/Split Options



DN-200-V2

The DN200 Active Stereo DI Box is a professional +48 V phantom-powered DI offering high headroom, low noise, and sonic clarity. It features transformer-isolated outputs, dual-impedance stereo inputs, and a stereo mini-jack input, all housed in a rugged aluminium enclosure for reliable live and studio use.

Product Features

- 2-Channel Active DI Box with High-Headroom Design:** The DN-200-V2 is designed to handle high-level input signals, accommodating electric and acoustic instruments with ease. This high-headroom design ensures clean signal transmission without distortion, even with demanding audio sources.
- +48V Phantom Power for Extended Dynamic Range:** Powered by +48V phantom power, the DN-200-V2 operates efficiently in professional environments. It delivers extended dynamic range, capturing the full detail of your instruments and audio sources.
- Sum and Split Options for Flexible Signal Routing:** The DN-200-V2 includes sum and split functionality. The sum feature combines stereo signals into a mono output, while the split option duplicates the left channel across both outputs. These options provide flexible signal routing for live and studio setups.
- Balanced Line Inputs on Neutrik Combo XLR and High Impedance 1/4" TRS Connectors:** This DI box offers versatile input options with Neutrik Combo XLR and high impedance 1/4" TRS connectors. These inputs ensure compatibility with a wide range of professional and consumer audio devices, from instruments to mixing consoles.
- 1/8" Stereo TRS Input for Consumer Audio Devices:** The 1/8" stereo TRS input allows for direct connection to consumer devices such as smartphones, laptops, and MP3 players, making it easy to integrate consumer-grade audio gear into professional setups.
- Independent Phantom Power per Channel for Maximum Reliability:** Each channel features independent phantom power, ensuring reliable operation even when handling multiple audio sources. This feature is particularly useful in complex, multi-device environments.
- Global 20 dB Input Pad and Earth Lift Switches:** The DN-200-V2 includes a global 20 dB input pad to reduce the level of high-input signals and prevent distortion. The earth lift switch separates the input and output grounds to eliminate ground loops, which can cause hum and noise in the signal.
- Durable Aluminum Casing with Protective Rubber Corners:** Built for the rigors of live performance, the DN-200-V2 is housed in a tough aluminum extrusion casing with protective rubber corners. This rugged design provides durability and ensures the DI box remains safe from damage during transportation and setup.

KLARK TEKNIK

DN32-ADAT

ADAT Expansion Module with up to 32 Record/Playback-Channels

DN32-ADAT

The DN32-ADAT expansion card enables seamless integration between Midas M32 or Behringer X32 digital mixing consoles and a wide range of ADAT-compatible devices. Offering up to 32 channels of 24-bit ADAT input and output via optical Toslink connections, it supports 44.1 kHz and 48 kHz sample rates while providing complete galvanic isolation for clean, interference-free signal transmission. With flexible clock synchronisation options, including ADAT and BNC word clock input and output, the DN32-ADAT ensures accurate timing and reliable performance in both simple and advanced digital audio systems.



Product Features

The Klark Teknik DN32-ADAT Expansion Module is an ADAT expansion module designed for Midas and Behringer digital consoles. It supports up to 32 channels of simultaneous recording and playback at 48 kHz, making it ideal for both studio and live recordings.

The module features four input and four output TOSLINK optical fiber connectors, ensuring high-quality audio transmission. Additionally, the DN32-ADAT includes a BNC word clock input/output for external clock synchronization, providing reliability and efficiency in connecting to ADAT-equipped HD recorders. The optical fiber connections eliminate ground loop interference, ensuring unparalleled signal integrity.



Clock Synchronisation

Any of the DN32-ADAT's Inputs can be used as a Clock Master for your console's internal clock, ensuring sample-accurate synchronisation with external audio processing devices. The additional BNC Word Clock In/Output can serve either as a professional master clock source for more complex digital audio systems, or can receive the word clock from the system. Standard 75-Ohm coaxial cables with BNC connectors are used for word clock distribution throughout.

KLARK TEKNIK

DN32-MADI

MADI Expansion Module with up to 32 Bidirectional-Channels

DN32-MADI

The DN32-MADI expansion card allows Midas M32 and Behringer X32 digital mixing consoles to connect seamlessly with the wide ecosystem of MADI-compatible professional audio devices. Supporting 24-bit multichannel audio at 44.1 or 48 kHz, it enables reliable, high-channel-count audio exchange for applications ranging from live sound and touring to studio recording, installation, and broadcast environments. With support for both AES10-1991 and AES10-2003 MADI protocols, the DN32-MADI delivers flexible connectivity of up to 64 channels in and out for demanding professional workflows.



Product Features

- Versatile Transmission Options:** The DN32-MADI offers both optical and copper transmission options, enhancing setup versatility. Its optical transmission on SC-duplex connectors reaches up to 500 meters, while 75-ohm coaxial BNC connectors extend copper transmission up to 100 meters. This adaptability makes it suitable for both short and long-range audio transmissions.
- Reliable Redundancy Features:** For added reliability, the module includes dual-redundant operation with automatic failover from optical to copper connections, securing consistent performance in critical settings. This ensures that audio continues to transmit without interruption, even if one connection type fails.
- Clock Synchronization Capabilities:** Additionally, the DN32-MADI offers clock synchronization, functioning as a MADI clock master or slave to suit different configurations. This flexibility helps maintain audio integrity and synchronization across multiple devices, making it easy to integrate into various setups.
- Channel Selection Convenience:** Users can select specific channels easily, choosing 32 input and output channels (1-32 or 33-64) from 64 MADI channels. This streamlined setup enhances workflow and user convenience, allowing quick adjustments based on specific audio routing needs.



Connectivity and Redundancy

DN32-MADI features optical duplex SC-plugs (IEC874-19) to connect with MADI devices using multimode optical-fibre cable. [Klark Teknik](#) has tested multimode cable connections of 500 metres in length successfully, and distances of up to 2 km may be possible.

Dual BNC connectors are also provided for transmission on standard 75-Ohm coaxial cables up to 100 metres in length. When both the optical and coaxial interfaces are utilised, the coaxial I/O serves as a redundant connection, and is automatically activated should the optical connection become unavailable.

KLARK TEKNIK

DN32-USB

USB 2.0 Expansion Module with up to 32 Bidirectional-Channels

DN32-USB

The Klark Teknik DN32-USB is a 32 x 32-channel USB expansion card for Midas M32 and Behringer X32 mixers, enabling low-latency, 24-bit / 48 kHz multitrack recording and playback with Mac and Windows computers. It supports bidirectional audio, USB-MIDI, virtual sound checks, and flexible routing, allowing seamless integration of DAW workflows and plug-ins in live and studio applications.



Product Features

The Klark Teknik DN32-USB is a USB 2.0 expansion module designed for Midas and Behringer digital consoles. It supports up to 32 bidirectional channels at a 48 kHz sample rate for recording and playback.

This module offers seamless computer integration, enabling remote control of DAW software via Mackie Control and HUI protocols. With ultra-low latency ASIO drivers for Windows and class-compliant USB design compatible with Mac OS X CoreAudio, the DN32-USB ensures high-quality audio performance without the need for driver installation.

It supports simultaneous audio recording and playback, operates from the console's USB device clock, and features low-latency 24-bit, 32 x 32-channel duplexing.



Remote Control of Your DAW

Designed to work hand-in-hand with Mackie Control * and HUI * protocols, the DN32-USB integrated MIDI interface enables the use of your console's Group fader section for unparalleled control over a broad range of popular DAWs – turning your mixing console into the control center of your recording and mixdown workflow!



Virtual Sound-Checking

The DN32-USB can also speed up your sound checks considerably. By multitracking the band to your computer during a live performance, you can then play back those prerecorded tracks through the console for a fast and easy pre-soundcheck, long before the band arrives at the next venue. For maximum convenience, you can also store two 'Snippets' that toggle your live mic inputs to USB playback, and put those on two user assignable buttons.

KLARK TEKNIK

DN-32-DANTE

Audinate Dante Expansion Module with up to 32 Bidirectional-Channels

DN-32-DANTE

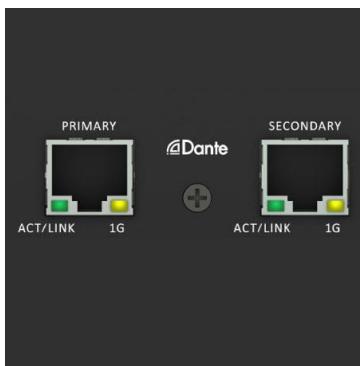
The DN32-DANTE expansion card adds up to 32 channels of bidirectional networked audio to Midas M32 and Behringer X32 mixing consoles, enabling seamless integration with Dante-enabled IP audio networks. Using standard IT network infrastructure, Dante delivers uncompressed, low-latency, synchronised multichannel audio, providing flexible interoperability with a wide range of professional audio equipment.



Product Features

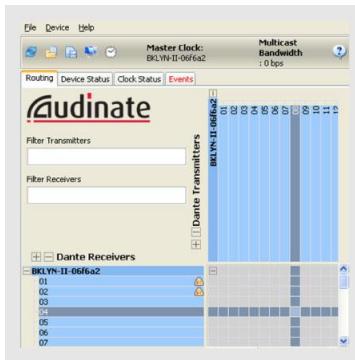
- Seamless Integration:** The Klark Teknik DN32-DANTE Expansion Card seamlessly integrates into Dante-enabled IP networks, allowing users to connect up to 32 bidirectional audio channels. This feature significantly enhances the audio capabilities of digital consoles, particularly the Midas M32 and Behringer X32, making it easier to manage complex audio environments.
- High-Fidelity, Low-Latency Streaming:** With its advanced technology, the DN-32-DANTE ensures high-fidelity audio transmission with minimal latency. This capability is essential for live performances and studio recordings, where sound quality and timing are crucial. The card's precision clocking via Dante's internal PTP clock guarantees synchronized audio across all channels.
- Dual Gigabit Ethernet Ports:** Equipped with dual Gigabit Ethernet ports, the DN-32-DANTE allows for efficient data management. One port carries bidirectional audio streams while merging Ethernet remote control data. The secondary port acts as a redundant connection, automatically taking over if the primary link fails, ensuring reliable performance during critical operations.
- Flexible Signal Routing:** The DN-32-DANTE supports flexible signal routing on a per-channel basis. Users can easily control routing configurations through the free Dante Controller application, providing greater flexibility in managing audio signals. This feature allows for precise control over device parameters and signal flow, enhancing overall workflow efficiency.
- Master Clock Capabilities:** This expansion card offers master clock capabilities, allowing synchronization within the Dante network or with external consoles. This feature is vital for maintaining consistent timing across multiple devices, ensuring that all components of the audio system work harmoniously together.
- Dante Virtual Soundcard Application:** The DN-32-DANTE is compatible with the Dante Virtual Soundcard application, which enables remote recording and playback of up to 64 channels over standard IP infrastructure. This application supports both PC (Windows WDM and ASIO) and Mac (OS X Core Audio) platforms, making it versatile for various recording environments.
- Robust Performance:** Designed to withstand the rigors of live audio environments, the DN-32-DANTE provides robust performance with its reliable connectivity and high-quality components. Its ability to handle extensive audio routing and management makes it an essential tool for audio professionals aiming for superior sound quality and flexibility.

KLARK TEKNIK



Connectivity and Redundancy

In designing the DF1000, our engineers delivered a fully-automatic feedback suppressor that requires absolutely no advance setup or tuning. Functioning in real time, with detection accuracy within one-sixth of a cycle, the DF1000 is an elegant “plug and play” solution to one of live sound’s most challenging issues – feedback. Once the DF1000 is installed in-line between your mixing console and power amps, you just power up, engage the front panel Active button, and walk away.



Clock Synchronisation and Routing

The DN32-DANTE card features a high-precision word clock that can serve as the clock master for the Dante network and your console. Alternately, the console can provide the master word clock that is distributed to the Dante network. Dante supports Unicast and Multicast flows and allows for signal routings on a per-channel basis. All routings and device parameters can be controlled from anywhere in the network, and are exclusively made using the Dante Controller application, which is available free of charge at www.audinate.com.



Computer Audio Interface Option

The Dante Virtual Soundcard application, which is available for PC and Mac computers, allows streaming to and from Dante enabled devices on a networked personal computer – including remote recording or playback over standard IP infrastructure. Live recordings of up to 64 channels are possible by receiving signals from more than one mixing console.

Windows WDM and ASIO, and Mac OS X Core Audio are supported to ensure low-latency signal handling by your PC. The Dante Virtual Soundcard application is optionally available at www.audinate.com.

KLARK TEKNIK

DN-32-LIVE

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SD/SDHC and USB 2.0 Expansion Module for 32 Bidirectional-Channels of Live Recording/Playback

DN-32-LIVE

The DN32-LIVE expansion module adds 32-channel bi-directional USB 2.0 audio to MIDAS M32 and BEHRINGER X32 mixers, with dual SD/SDHC card slots for direct 32-track uncompressed recording and playback without a computer. It also provides DAW remote control and supports virtual sound checks and backing tracks for live and studio use.



Product Features

- 32-Bidirectional Channels:** The DN32-LIVE module provides 32 channels of bi-directional audio I/O via USB 2.0, enabling high-quality live recording and playback. This extensive channel capability ensures that you can capture every nuance of your performance without compromise.
- Dual SD/SDHC Card Slots:** Equipped with dual SD/SDHC card slots, the DN32-LIVE allows for independent recording and playback operations. You can store your recordings separately, enabling easier management of live performance files and virtual sound checks.
- High-Quality Audio Recording:** This module supports up to three hours of 48 kHz/32-bit PCM recording, storing audio as uncompressed WAV files. This ensures optimal sound quality, capturing the full dynamic range and clarity of your recordings.
- Instantaneous Live Playback:** The DN32-LIVE enables instantaneous playback of recorded tracks, complete with preload functionality and customizable markers. This feature allows for seamless integration into live performances, ensuring smooth transitions between songs.
- Remote Control Capability:** With remote control support via PC, Android, or iPad apps, you can easily manage your recording sessions from a distance. This flexibility allows for efficient handling of backing tracks and live sound checks without needing to be physically present at the console.
- Seamless DAW Integration:** The module integrates seamlessly with CoreAudio on Mac OSX and offers ultra-low latency ASIO drivers for Windows. This compatibility makes it easy to work with various digital audio workstations (DAWs) for recording and mixing.
- Robust Security Features:** DN32-LIVE includes secure file handling to protect recordings during power outages. An optional CR123A lithium cell can ensure that your recordings remain intact and accessible, even in unexpected situations.
- Sample-Accurate Spanning:** The sample-accurate automatic spanning feature allows you to extend recording sessions across both SD cards. This capability enables continuous recording for over 12 hours, providing ample time for long performances or studio sessions.
- Customizable Markers:** You can set and edit markers during recording or playback, allowing for easy navigation through your sessions. This feature is particularly useful for identifying song positions and aligning tracks accurately.
- Enhanced Live Performance Functionality:** The DN32-LIVE enables assigning controls to user buttons on the mixer, allowing for quick access to performance markers. This feature transforms your mixer into a powerful playback machine, ideal for live theatrical events and performances.

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Independent USB & SD Operation

The DN32-LIVE USB and SD interfaces can be operated simultaneously and independently. For example, you may want to play back your recorded session from an SD card and record the tracks via USB into your favorite DAW for post-processing. Or, you might need to prepare live backing tracks in your DAW and then transfer them to an SD card in real time, while setting performance markers on-the-fly. You can even record using both the USB and SD simultaneously for redundancy. Best of all, these operations can be performed without routing tracks through your console channels.



DN32-LIVE Remote Control

All of DN32-LIVE's functionality and transport controls can be controlled remotely via PC, Android * or iPad * apps, assignable controls or compatible hardware control surfaces, such as the BEHRINGER X-TOUCH. This powerful tool lets you cue up and initiate backing tracks, start or stop recording/playback, perform virtual sound checks and more – even when you're away from the console.



Multi-Channel WAV Format

For optimal read/write performance on a huge variety of SD and SDHC cards, DN32-LIVE uses standard uncompressed 32-bit PCM format multi-channel WAV files. A DN32-LIVE recording session may consist of either one or several takes, and capture up to a maximum of 24 hours of consistent recording or playback. Multi-channel WAV files can be imported directly into most popular DAW applications, including the free open source audio editor Audacity. You can even export your 32-bit WAV files, which allows you to prepare backing tracks offline, such as when you're away from your DN32-LIVE equipped M32 or X32 mixer.



The Real Deal

DN32-LIVE turns your MIDAS M32 or BEHRINGER X32 into a powerful, 32-track recording console that retains all of its incredible live sound mixing functionality, features that are still available – even while recording the same live show you're dialing to a packed house. And that amazing performance can bring out the “wow” in your studio recording applications, too. With over 3 hours of uncompressed 32-channel WAV files on 2 SD/SDHC cards, you can easily capture a large production live show – without getting anywhere near a HDD. Check out the DN32-LIVE at your KLARK TEKNIK dealer, or get yours online today. DN32-LIVE will empower your performance – and your imagination...



Marker Control & Live Playback Integration

The DN32-LIVE provides flexible marker control for recording and playback, with markers easily set, edited, and recalled via the console, assignable user buttons, remote apps, X-TOUCH control surfaces, or MIDI. Precise marker placement and instant cue recall enable accurate live playback and simplified virtual sound checks, all directly from SD media without the need for external computers or samplers.

KLARK TEKNIK

DN32-WSG

Expansion Card for 32-Channel Low-Latency AoIP in WAVES SoundGrid Networks

DN32-WSG

The DN32-WSG expansion card brings Waves SoundGrid connectivity to Midas M32 and Behringer X32 mixing consoles, enabling ultra-low-latency mixing, recording, and playback with Waves' industry-standard plugin collection. It allows live productions to use the same high-fidelity processing tools commonly found in studio environments, with plugins running across a SoundGrid network on dedicated servers or connected computers for flexible, scalable audio processing.



Product Features

- Networked Audio Processing:** WAVES plugins can be run on dedicated SoundGrid servers or native plugins on connected personal computers. This flexibility allows you to choose between minimal I/O latency with SoundGrid servers or the convenience of standard audio computers. The DN32-WSG offers full-duplex audio streaming for 32 channels in and out, with round-trip network latencies as low as 0.8 ms.
- Seamless Integration:** The DN32-WSG integrates effortlessly with SoundGrid networks. After configuring audio routes using Waves SuperRack, MultiRack, or StudioRack, audio paths will be automatically re-established at startup. No additional network settings are required on the mixing console. Simply route your send signals to the card outputs and return processed signals as needed.
- External Insert Effects:** Utilize external processing with up to 6 Channel Inserts on Aux outputs or route up to 32 external plugins via the DN32-WSG card. This flexibility allows you to insert effects and process signals efficiently.
- Tracks Live Recording Application:** Tracks Live, included with the DN32-WSG, is designed for live sound engineers. It supports easy switching between stereo and multitrack modes, simplifying live recordings and virtual sound checks. The automatic multichannel re-routing engine adapts to changes on the fly, streamlining setup for large-scale productions.



Your Door to the Processing Power of Waves SoundGrid

DN32-WSG offers full-duplex audio streaming for 32 channels in and out, with 48 kHz or 44.1 kHz sample rates and 24-Bit resolution. Round-trip network latencies down to 0.8 ms are possible, depending on complexity of the network infrastructure.

Tip: Any audio plugins may invoke additional latency depending on their type and nature. Make sure you select low-latency processing exclusively, such as the "live" versions of plugins, when inserting effects into live monitoring audio paths.

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Plug and Play

Once audio routes have been configured in a SoundGrid network using PC applications such as Waves SuperRack, MultiRack or StudioRack, the audio paths will be re-established at every startup automatically. It is recommended to use the latest available applications to ensure compatibility and access to the latest card firmware updates. There are no network specific settings to be configured in the mixing console. Just route your send signals to the card outs and return the processed signals where needed.



External Insert Effects Remote Control

There are two ways of using external processing in Midas M32 and Behringer X32 mixing consoles.

1. Up to 6 Channel Inserts can be assigned on Aux 1-6, when Aux outputs are in Insert mode. You must set the Input/home routing for Aux Inputs to Card 1-6, and the respective Card outputs to Aux1-6/Mon, to route the inserts through the DN32-WSG card and SoundGrid network.

2. Up to 4 blocks of 8, or 32 external plugins can be inserted by routing all the input signals directly to the card outputs. All processed return signals are then routed back to the input/home by selecting Card 1-32.

Note: In the second example, channels only see digital input signals. Hence, the preamp input gain and phantom power controls are available on the Setup/Preamps page only.



Free Tracks Live Recording Application WAV Format

Created with and for live sound engineers, Tracks Live is the ultimate multi-track recording software solution for SoundGrid systems, designed to capture live performances of any kind, from the smallest gig to the largest production. Tracks Live enables easy switching between stereo out and multi out modes, allowing you to toggle back and forth between recording and virtual soundcheck with the click of a button. The automatic multichannel re-routing engine also adapts to any changes you make on the fly, making it easier than ever to set up big shows with hundreds of tracks.

KLARK TEKNIK

DN4816-O

Bus-Powered StageCONNECT Interface with 16 Analog Outputs and Ultranet In/Out



DN4816-O

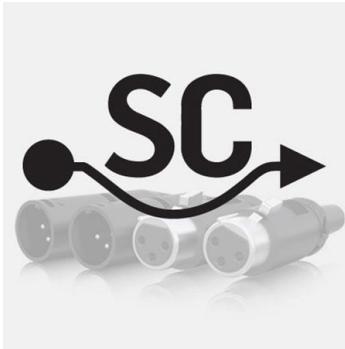
The DN4816-O is an output expansion solution that provides 16 analog line outputs for monitor or FOH consoles, ideal for applications such as in-ear monitoring. It also includes an Ultranet input for forwarding signals from an AIR mixer via StageConnect. Using a single XLR cable, StageConnect enables multi-channel audio transmission and easy daisy-chaining with other DN48XX Series devices, which automatically negotiate channel allocation for scalable system connectivity.



Product Features

- Sixteen Balanced XLR Outputs:** The DN4816-O provides sixteen high-quality XLR outputs. These outputs deliver line-level signals suitable for FOH consoles, monitor mixes, or wireless in-ear transmitters. Each output ensures clean, distortion-free audio with up to +21 dBu headroom.
- StageConnect Integration:** StageConnect technology allows up to 32 channels of uncompressed 24-bit PCM audio at 44.1/48 kHz. Transmission occurs at sub-millisecond latency, guaranteeing precise timing across devices. Two units can be cascaded to expand analog output capacity.
- Ultranet Connectivity:** An integrated Ultranet output connects directly to Turbosound iQ speakers or Behringer P16 monitoring systems. This feature bridges StageConnect and Ultranet ecosystems, enabling seamless communication between devices.
- Master and Slave Modes:** The device operates in master or slave mode. Master mode controls audio distribution and provides remote power, while slave mode synchronizes with StageConnect or Ultranet streams. Both modes support bi-directional audio and control data transfer.
- Flexible Cabling and Power:** DN4816-O supports standard XLR or 110 Ω DMX cables for both audio and power transmission. It can receive power from StageConnect or an external 12 VDC supply, offering adaptability for stage setups or side racks.
- Reliable Performance:** With a frequency response of 20 Hz – 20 kHz, 110 dB dynamic range, and minimal distortion, the DN4816-O ensures accurate, professional-grade sound. Its lightweight, rack-mountable design makes it ideal for touring or permanent installations.

MIDAS



StageConnect – The Future of XLR

What if any standard XLR or DMX cable could be used to transmit more than one channel of audio?

What if that cable could transmit signals not only one way, but bi-directionally?

What if that cable would allow the passage of control data at the same time?

What if a connected StageConnect device could receive up to 18 W of power through that same cable?

Well, these capabilities are exactly what StageConnect delivers – a new interface standard to be released by Music Tribe after two years of development. The Midas DN48XX Series is one of the first available I/O-Interfaces based on the StageConnect standard. This new standard comes with outstanding technical specs: 32 channels of uncompressed PCM audio in various I/O configurations, 24-bit at 48 kHz, below 0.5 ms of latency.

For optimum performance and long cable runs 110 Ohm DMX cable is required.



Ecosystem and Beyond

The DN48XX Series is the first generation of I/O Interfaces for the new StageConnect ecosystem. StageConnect was introduced with the Behringer WING mixing console. Even though the DN48XX Series was designed with the WING console in mind the devices can be used with all StageConnect devices like HUB4. The StageConnect Ecosystem opens a wide field of audio devices. May it be several I/O devices spread over the Stage or equipment in the siderack – the use cases for the DN48XX Series StageConnect Interfaces are virtually endless.



Cascade Interfaces to Meet Your Requirements

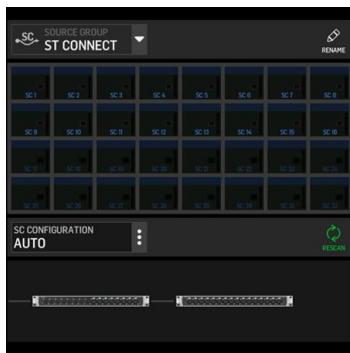
No matter if you want to use StageConnect for connecting wireless systems, external effects or playback systems, the devices of the DN48XX Series can easily be daisy-chained to meet the requirements of your respective I/O configurations. With a total bandwidth of 32 channels, all combinations ranging from 32 inputs over 16 In and outputs in parallel to 32 outputs can be achieved using different combinations of DN48XX interfaces connected using a simple XLR cable.



Power Via DC or StageConnect

The DN48XX Series devices can be powered via DC or via StageConnect. By design every SC Master provides 18W of power that can be used by devices in the chain. Depending on the respective power consumption multiple devices in the chain can be phantom powered by a single Master device. It should be noted that an SC device in the chain that is supplied with DC power can supply other devices connected to its Master port as well. To check your respective setup for power consumption, use the StageConnect Calculator (SSC Tool). This tool checks a virtually configured chain for the DMX cable lengths, power supply, audio routing and other parameters.

MIDAS



Automatic Bus Configuration

There are two ways to configure an SC chain. Either you can manually configure the chain using devices like WING or let the Automatic Bus Configuration do its work. This process adapts the input and output configuration of the SC Bus depending on the connected devices. Simply connect devices and the Master device of the chain will automatically change the routing. To check and plan setups the SSC Tool software is available, providing information about the routing and DMX cable length, power management and other parameters.



Analogue Outputs for IEM Transmitters

DN4816-O features 16 balanced line-level outputs that can carry up to 8 stereo mixes separated from the Console. All you need to do is mount the DN4816-O to your wireless rack and connect it to your console using a single XLR cable. This way you can save local outputs, reduce setup time and increase reliability considerably. Alternatively, these analogue outputs can also be used as spare outputs on stage receiving signals directly from the FOH consoles, e.g. for providing talkback or side fill outputs.



ULTRANET – Seamless Integration

The well-established ultranet technology transmits up to 16 independent channels of 24-bit digital audio via a single CAT5 cable between compatible digital devices. The DN48XX Series devices serve Ultranet connectivity for translation between StageConnect and Ultranet. This way more than 1 million Ultranet-Products in the market like the P16 monitoring system, AIR mixers and Turbosound speakers can be integrated in the StageConnect ecosystem.



StageConnect Calculator

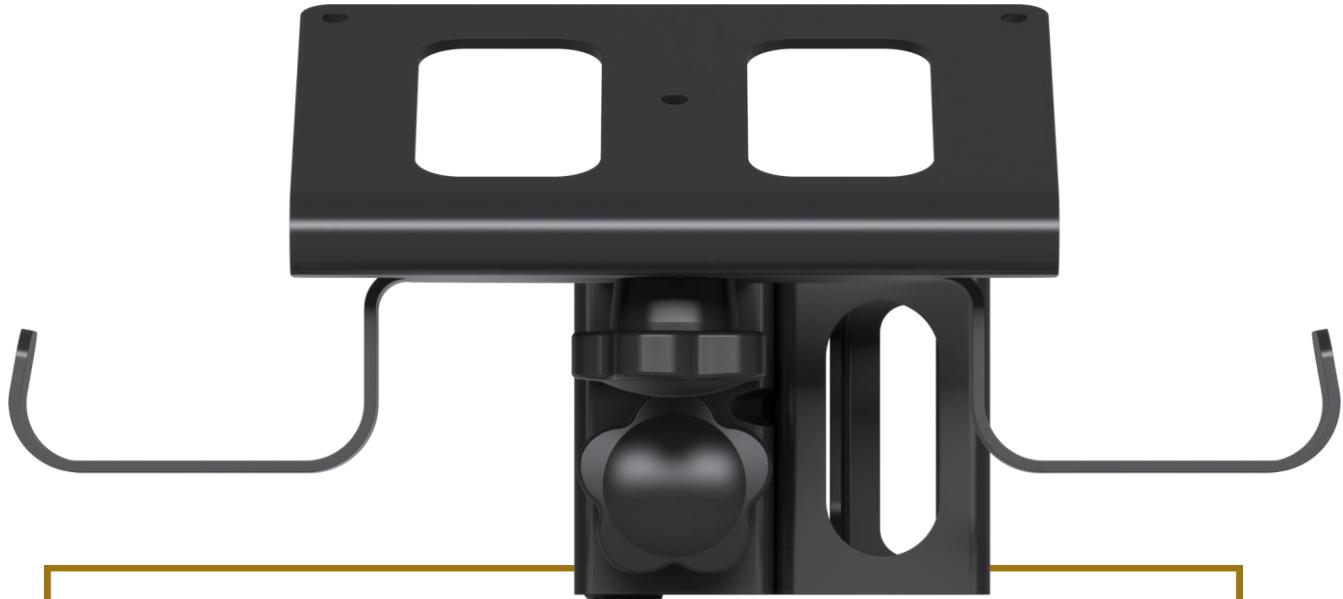
The StageConnect Calculator (SCC Tool) is a tool that can be used for checking and planning setups. You can create a virtual SC chain to study the upstream and downstream routing. The calculator also indicates parameters maximum DMX cable lengths, power budget and the overall stability of your connection. You can virtually change the configuration of individual devices, change their order and intuitively add or remove devices from the chain. This allows you to explore the possibilities of routing signals through the new ecosystem.

MIDAS

DP48MB

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Mounting Bracket for Midas DP48 Personal Monitoring Mixer



Enhanced Control and Convenience for DP48 Monitoring

The Midas DP-48-MB Mounting Bracket is a purpose-built accessory designed to maximise the convenience and functionality of the DP48 Personal Monitoring Mixer. It allows the mixer to be securely mounted to microphone, music, or drum stands, keeping controls within easy reach during performances or recording sessions. With integrated headphone hangers, effective cable management, and a durable yet lightweight design, the DP-48-MB delivers a clean, efficient, and reliable monitoring setup for both stage and studio environments.

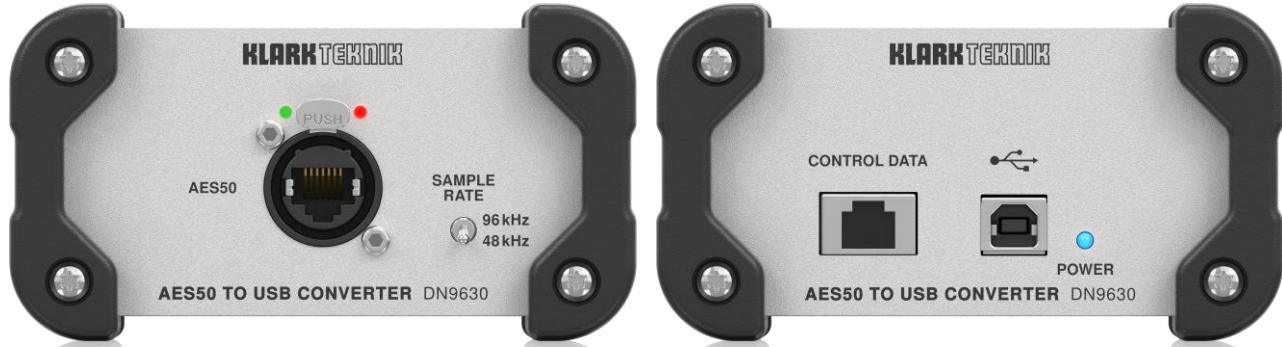
Product Features

- Designed for Midas DP48 - Seamless fit for optimal performance
- Stand-mounted flexibility - Attaches to mic, music, or drum stands
- Dual headphone hangers - Keeps headphones secure and accessible
- Built-in cable guide - Reduces clutter and improves stage tidiness
- Unobstructed control access - Easy reach to volume, pan, solo, and mute
- Road-ready construction - Durable design for stage and studio use
- Lightweight & portable - Quick setup and easy transport
- Clean, matching finish - Sleek look that complements the DP48

MIDAS

DN9630

AES50 to USB 2.0 Converter with up to 48 Bidirectional Channels



DN9630

The DN9630 is a USB interface that simplifies connecting Windows PCs or Apple Macs to AES50 audio networks for multi-channel recording and playback. Designed for use with MIDAS digital consoles and other AES50-equipped products, it supports high channel counts with up to 48 bidirectional channels at 48 kHz and 24 bidirectional channels at 96 kHz via a single USB 2.0 connection.

Product Features

- High Channel Count and Flexibility:** The DN-9630 offers up to 48 bidirectional channels at 48 kHz or 24 channels at 96 kHz. This flexibility supports diverse audio needs, making it suitable for complex audio networks.
- Simultaneous Recording and Playback:** With USB 2.0 connectivity, the DN-9630 allows for simultaneous audio recording and playback on computers. This dual functionality simplifies workflow in both studio and live settings.
- Sample Rate Options:** A dedicated switch enables operation at either 48 kHz or 96 kHz sample rates. This feature ensures compatibility with various audio setups and maintains flawless synchronization.
- Ethernet Control Port:** The converter includes an Ethernet control port for accessing the AES50 auxiliary data channel. This port enhances control and integration within the audio network.
- USB-Powered Operation:** The DN-9630 is powered through its USB 2.0 interface, which simplifies setup and reduces workspace clutter. The converter requires no additional power supplies, making it easy to integrate into any setup.
- Driver Support:** Native Core Audio driver support for Mac OS X and dedicated Windows PC drivers ensure broad compatibility. This support allows for seamless integration with both operating systems.
- LED Indicators:** Front panel LED indicators monitor network activity and speed, providing real-time feedback on system performance. This feature is crucial for troubleshooting and maintaining optimal operation.
- Rugged Construction:** The DN-9630 features a durable aluminum extrusion casing with protective silicone rubber bumpers. This rugged design withstands the demands of live touring and ensures reliable performance.

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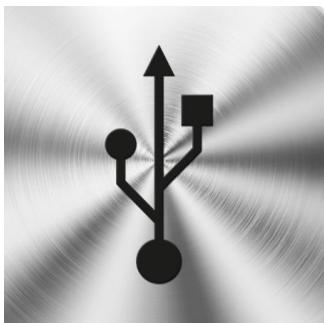
Digital Audio Networking

Our SuperMAC (AES50-Compliant) digital audio networking technology simultaneously provides: high channel counts; ultra low and deterministic latencies; sample-synchronous and phase-aligned networked clock distribution; error detection and correction; network redundancy; and ease of deployment and use – to meet the demanding requirements of live concert touring. The DN9630 is fully compatible with all MIDAS digital consoles, audio system engines, digital I/O units, as well as all other AES50-equipped devices.



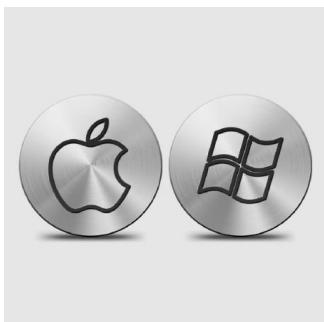
Dual Sample Rate Support

A dedicated slide switch is provided for either 48 or 96 kHz sample rates, allowing the DN9630 to work with either AES50 network's incoming source clock for flawless synchronization.



Bus Powered

Operating power for the DN9630 is provided by the host computer's USB 2.0 port via a single USB cable that simplifies set up – and helps keep your workspace clutter-free.



Drivers

DN9630 utilises dedicated audio software drivers for Windows * PC operation (free of charge download at klarkteknik.com), and supports the high channel counts offered via USB 2.0. Apple * Mac OS X provides native Core Audio driver support for the DN9630.



Built for the Road

Featuring a tough aluminium extrusion with durable protective silicone rubber corner bumpers, the DN9630 is designed to handle the rigours of live concert touring. A premium industry standard RJ45 connector ensures reliable AES50 network connection, night after night.

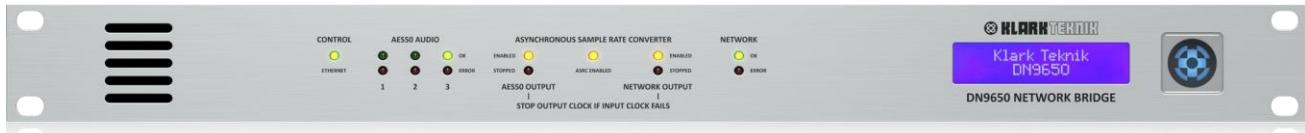
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DN9650

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AES50 Network Bridge Format Converter with up to 64 Bidirectional-Channels and Asynchronous Sample Rate Conversion



DN9650

The DN9650 is a multichannel interface that connects AES50 networks to third-party digital audio networks using bidirectional ASRC, supporting up to 64 channels between independently clocked systems. It enables reliable integration of Midas PRO Series consoles and other 96 kHz AES50 devices with MADI and Dante networks, while offering future expansion via an industry-standard module slot.



Product Features

- Seamless Integration with Third-Party Networks:** The DN-9650 AES50 Network Bridge allows seamless integration between AES50 networks and third-party digital audio protocols. With support for up to 64 bidirectional channels, it ensures that digital audio can be transmitted effectively between systems using different clock domains.
- Asynchronous Sample Rate Conversion:** The DN-9650 features asynchronous sample rate conversion (ASRC) for each channel. This allows AES50 and third-party domains to function independently while ensuring that synchronization remains possible when required. The bypass facility allows easy integration between networks when synchronization is necessary.
- High-Quality Audio Operation:** Supporting 24-bit audio operation at 48 kHz and 96 kHz sample rates, the DN-9650 ensures superior sound quality. It is designed for professional audio environments, where precise sound reproduction is critical.
- User-Friendly Configuration:** An internal web server allows for easy configuration using a standard web browser. This eliminates the need for proprietary software and ensures that users can adjust sample rates, clock synchronization, and network configurations from any device with web access.
- Advanced Synchronization Options:** The DN-9650 supports a wide range of synchronization options, including word clock input and output and video black burst synchronization. It can handle both standard and high-definition formats, providing comprehensive synchronization across various audio and video systems.
- Rugged and Reliable Design:** Built for demanding environments, the DN-9650 features a robust steel 1U rackmount chassis. Its premium Neutrik etherCON connectors ensure secure and reliable connections, while its auto-ranging universal power supply allows it to be used globally.
- Future-Proof Compatibility:** With an expansion slot compatible with the Cirrus CM-1 format, the DN-9650 can support future modules and emerging digital audio protocols, ensuring it remains adaptable in the evolving world of audio networking.

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Digital Audio Networking

SuperMAC (AES50-Compliant) digital audio networking technology from [Klark Teknik](#) simultaneously provides high channel counts, ultra low and deterministic latencies, sample-synchronous and phase-aligned networked clock distribution, error detection and correction, network redundancy, and ease of deployment and use – to meet the demanding requirements of live concert touring. DN9650 is compatible with all [Midas](#) digital consoles, audio system engines, digital I/O units, as well as with any other AES50-equipped devices.



Asynchronous Sample Rate Converter

The multichannel bidirectional Asynchronous Sample Rate Converter (ASRC) allows the AES50 and third party domains to function independently, however in instances where the two networks need to be synchronised, the ASRC features a bypass facility so that the third party network domain can be directly clocked from the AES50 domain.

Additionally, when the two domains are operating independently, a clock failure or loss of synchronisation in one domain will not necessarily affect the operation of the other. Very often in dual-redundant systems it is desirable to propagate a clock failure in one domain across to the other, so that the failure can be recognised and switchover to the redundant network can be initiated. DN9650 features a user-configurable bidirectional output clock inhibit feature that will stop the output clock if the incoming clock synchronisation fails.



Flexible Synchronisation

DN9650 supports 24 bit audio operation at 48 kHz and 96 kHz independently in both the AES50 domain and the third party network domain. If the on-board oscillator (AES50 internal clock) is selected, then all three AES50 ports can either be set to globally operate at either 48 kHz or 96 kHz. If AES50 external clock is selected as the clock source, then each AES50 port can be set to provide 24 bidirectional channels at either 48 kHz or 96 kHz sample rate on an individual basis.

KLARK TEKNIK



Internal Web Server

DN9650 features an on-board web server that allows platform-independent configuration using a web browser application. The need for separate control applications and support for multiple operating system versions is eliminated with this approach, which allows simple user selection of network module and DN9650 settings, including AES50 and third party network domain sample rates, clock synchronisation for both domains and the ASRC bypass and bidirectional output clock inhibit functions.



Front Panel Indication

DN9650 features status LED indicators for AES50 and network synchronisation, Ethernet control port activity and the ASRC bypass and bidirectional output clock inhibit functions on the front panel for 'at a glance' status display, even at wide distances and viewing angles. An alphanumeric LCD display allows individual units to be labelled, essential in large network systems where multiple DN9650 units are in use.

Built for the Road

Featuring a rugged steel 1U rackmount enclosure, the DN9650 is designed for the rigours of live concert touring. Premium industry-standard RJ45 and BNC connectors are used to ensure reliable network and clock connections, night after night.

Auto-ranging universal switch-mode power supply

DN9650 features a universal power supply, which is auto-voltage sensing for use on a worldwide basis.



KLARK TEKNIK

KT-MADI

MADI Network Module with up to 64 Bidirectional-Channels



KT-MADI

The KT-MADI network module provides MADI connectivity for Klark Teknik DN9650 and DN9652 Network Bridges, supporting up to 64 bidirectional channels at 48 kHz or 32 channels at 96 kHz. It offers high-performance point-to-point audio over optical fibre and coaxial copper, with dual-redundant operation and automatic failover for reliable performance.

Flexible clocking allows operation as MADI master, slave, or synchronization to external clock sources via the host unit. Fully compatible with the industry-standard Cirrus CM-1 format, KT-MADI is an ideal solution for interfacing DN9650/DN9652 systems with third-party MADI recording and playback equipment.

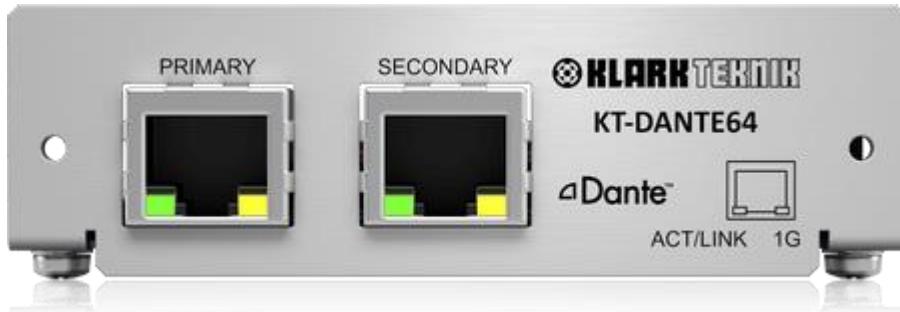
Product Features

- MADI Compatibility and Channel Support:** The Klark Teknik KT-MADI Network Module excels in MADI compatibility, supporting up to 64 bidirectional channels at 48 kHz and 32 channels at 96 kHz. This capability ensures high-quality audio transmission and flexibility for various professional audio applications, making it ideal for both live performances and studio recordings.
- Dual-Redundant Operation:** The KT-MADI features a dual-redundant operation system that guarantees reliable performance. It automatically switches between optical fiber and coaxial copper connections, providing uninterrupted audio transmission. This automatic failover capability enhances system reliability, ensuring that audio professionals can depend on consistent performance in critical situations.
- Versatile Connectivity Options:** The module operates efficiently with both optical and copper links, covering impressive distances of up to 500 meters over fiber and 200 meters over coaxial copper. This versatility allows for flexible deployment in different audio setups, accommodating various venue sizes and layouts.
- Connector Types:** For robust transmission, the KT-MADI uses SC-Duplex connectors for optical connections and 75-ohm BNC connectors for coaxial copper. These high-quality connectors ensure stable, low-loss signal transmission, critical for maintaining audio integrity.
- Clocking Functionality:** The KT-MADI can function as a MADI clock master, MADI clock slave, or synchronize with an external clock source via the host unit. This feature enhances synchronization across multiple devices, facilitating seamless integration in complex audio networks.
- Industry Standard Compliance:** The module adheres to the Cirrus CM-1 format, ensuring compatibility with industry standards. This compliance allows the KT-MADI to integrate seamlessly with third-party recording and playback equipment, making it an excellent choice for audio professionals.
- Robust Construction:** Designed for durability, the KT-MADI features a robust construction that withstands the rigors of live sound applications and demanding studio environments. Its reliable performance and solid build quality give audio professionals the confidence they need in their audio network systems.

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KT-DANTE64

MADI Network Module with up to 64 Bidirectional-Channels



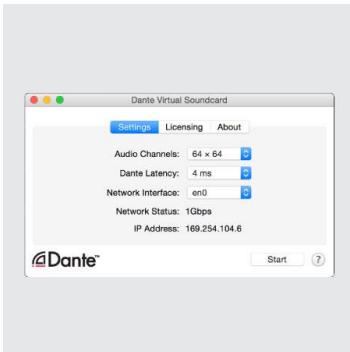
KT-DANTE64

The KT-DANTE64 adds Dante compatibility to DN9650 and DN9652 Network Bridges, supporting up to 64 channels at 48 kHz or 32 at 96 kHz. It delivers low-latency, high-performance audio with automatic device discovery and configuration over standard Ethernet. Fully compatible with the Cirrus CM-1 format, it provides a simple, reliable solution for integrating Dante into AES50 networks.

Product Features

- Up to 64 Bidirectional Channels:** The KT-DANTE64 provides up to 64 bidirectional channels at 48 kHz and 32 channels at 96 kHz. This extensive channel count allows for high-quality audio routing and recording, making it suitable for complex audio applications.
- Low Latency and Jitter:** Designed for professional environments, the module features low latency and low jitter, ensuring that audio signals transmit quickly and accurately. This minimizes delays and improves synchronization between devices, which is crucial for live sound applications.
- Dual-Redundant Networking:** The KT-DANTE64 supports dual-redundant Dante networking through its primary and secondary Ethernet interfaces. This feature enhances reliability by providing a backup connection, ensuring uninterrupted audio transmission even in case of a network failure.
- Precision Time Protocol (PTP):** The module can operate using an internal Dante network Precision Time Protocol (PTP) clock. Alternatively, it can synchronize with an external clock via the host unit, allowing precise timing across multiple devices in a networked audio setup.
- Seamless Integration:** Compatible with Klark Teknik DN9650 and DN9652 network bridges and the Midas NEUTRON-NB expansion module, the KT-DANTE64 easily integrates into existing audio systems. This compatibility streamlines setup and enhances functionality across devices.
- Dante Virtual Soundcard Compatibility:** The KT-DANTE64 allows for multichannel recording and playback through the Dante Virtual Soundcard, which is compatible with both PC and Mac systems. This feature simplifies audio routing and management for digital audio workstations.
- Optional Dante Controller Software:** The module supports optional Dante Controller software, enabling remote configuration and management of the network settings. This allows users to monitor and adjust audio routing with ease, enhancing overall control over their audio environment.
- LED Indicators:** LED indicators on the module provide real-time feedback on network activity and speed, allowing users to quickly assess performance and troubleshoot any issues that may arise.
- Cirrus CM-1 Format Compatibility:** Finally, the KT-DANTE64 is electrically and mechanically compatible with the Cirrus CM-1 format, making it a versatile addition to a wide range of Dante-enabled devices and ensuring broad application across various audio setups.

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Dante Virtual Soundcard

Dante Virtual Soundcard allows the direct connection of a computer for recording, processing and playback using any audio application and any combination of Dante-enabled devices. Dante Virtual Soundcard uses a standard Ethernet port, so no additional audio interface hardware is required. Dante Virtual Soundcard enables audio routing to different destinations and devices for up to 64 channels of uncompressed bidirectional audio. Dante Virtual Soundcard is ideally suited for virtual soundchecks, and live playback and recording applications.



Dual-redundant Interfaces

KT-DANTE64 features both Primary and Secondary interfaces for operation in dual redundant Dante networks. LED indicators are provided to indicate network activity and speed.



Precision Time Protocol

A network of Dante devices uses the IEEE-1588 Precision Time Protocol (PTP) to synchronise their local clocks. A Dante device can be either a PTP Master clock or a PTP Slave clock. At least one device on a Dante network needs to operate as a PTP Master clock. Each Dante hardware device can derive its clock from either its high-quality onboard clock circuit, or an externally connected word clock. In the case of Dante Virtual Soundcard, the computer's clock will be used. A Dante device with 'Slave to External Word Clock' in Dante Controller set will become the PTP Master Clock, unless there is another Dante device present with "Preferred Master" set.



Dante Controller Software

Dante Controller is a free software application available from the Audinate web site that enables device configuration and audio routing on a Dante network. It provides essential device status information and powerful real-time network monitoring, including device-level latency and clock stability statistics, multicast bandwidth usage and customised event logging, enabling the quick identification and resolution of any potential network issues. Dante Controller allows the backup, restore, move, and reuse of Dante network configurations using Presets, and the editing of Dante routing configurations offline.

Dante Controller is available for Windows and Mac OS X.

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DM TCE-EU

DM TCE-EU Touch Screen Ethernet Wall Controller



DM TCE-EU

Modern installed audio applications require a configurable control panel. DM TCE can be easily installed and fits a standard single gang EU (DM TCE-EU) or US (DM TCE-UL) sized wall box. A single Cat5e cable provides POE power and network control data to each device. Each device ships with both black and white trim plates and control knobs to match the venue decor easily.

Product Features

- 2.3-inch Color Touch Screen:** The DM-TCE-EU features a 2.3-inch color touch screen for clear and intuitive control. This display allows users to navigate through multiple pages and manage various settings. The color interface improves usability, offering a smooth user experience in both simple and complex audio setups.
- Programmable Encoder and Button:** This controller includes a programmable encoder and button, allowing users to customize the device to their specific needs. The encoder can be mapped to various functions, making it ideal for controlling volume, channel adjustments, and other parameters within the system.
- Power Over Ethernet (POE):** The DM-TCE-EU is powered using POE, simplifying installation. Only a single Cat5e cable is required to provide both power and network control data, making the setup process faster and reducing cable clutter.
- Flexible Mounting Options:** Designed to fit a standard single gang EU-sized wall box, this controller integrates seamlessly into various spaces. The device ships with black and white trim plates and encoder knobs, ensuring it matches different interior designs and decor.
- Easy Programming with DM KONTROL:** Programming the DM-TCE-EU is simple using the DM KONTROL application. This software allows users to configure buttons and encoders for specific system functions quickly, making it easy to tailor the controller to the desired control layout.
- Integration with DM8000 and DM8500 DSP Systems:** For integration with DM8000 DSP devices, the DM801 Ethernet to serial bridge is required. This bridge allows communication between the controller and the DSP device. However, the bridge is not necessary when using the DM8500 system.
- Enhanced User Control:** The DM -TCE-EU significantly enhances control over audio systems, providing flexibility and customization for a variety of applications. Whether used in hotels, bars, conference rooms, or other professional environments, it simplifies user interaction with the audio setup.

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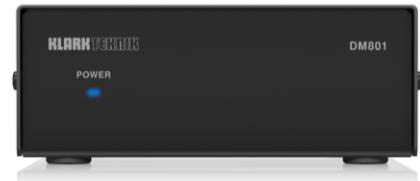


Convenient Labelling

Digital labels can be assigned to each of the 8 button areas, and colours chosen to reflect the action being performed. If desired, an icon or programmer selected graphic can be used instead of text.

Essential Accessories

To use DM TCE with a DM8000 DSP device, a DM801 ethernet to serial bridge will be required. One DM 801 is required for each DM8000 being controlled in the system. The DM801 is not required for use with a DM8500. DM TCE requires a POE capable ethernet switch or mid-span power injector to provide power to the device.



Exceptional Performance

As you can see, the DM TCE provides a tremendous feature set and maximum flexibility, transforming control of systems such as hotels and bars into an intuitive experience, even for untrained users. Easy to configure and deploy in virtually any application, the DM TCE is the modern network audio control solution. Check out the DM TCE at your Klark Teknik dealer today.

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DN9680

8 Port AES50 Extender and Multiplexer with up to 1000 Meter Range



DN9680

The DN9680 is a high-channel-count solution that extends AES50 networks beyond standard Ethernet/CAT5 limitations. A pair of DN9680 units can route up to eight AES50 connections (192 bidirectional channels) over distances of up to 1,000 m via single-mode fibre or 100 m via CAT5 copper using a single bidirectional snake cable. Acting as a bidirectional multiplexer and demultiplexer, it combines and splits AES50 streams transparently with only a 250 μ s propagation delay. The DN9680 supports single-mode dual fibre by default, with an optional DN9680-MM upgrade for multimode fibre over 500 m.



Product Features

- High Channel Capacity:** The DN9680 supports up to 192 bidirectional channels at 96 kHz, ensuring high-definition audio quality. Its advanced multiplexing technology combines eight AES50 connections into a single optical fiber or CAT5 cable, while simultaneously demultiplexing incoming signals.
- Reliable Clocking and Synchronization:** Equipped with an internal AES Grade 1 temperature-compensated word clock, the DN9680 provides exceptional clock accuracy with 1 ppm stability. This ensures a stable and jitter-free audio signal. The unit can synchronize with either its internal clock, external AES50 clock, or external snake clock, offering flexible integration into various system configurations.
- Versatile Media Support:** The DN9680 accommodates both optical fiber and copper connections. The dual-fiber Neutrik opticalCON DUO connector supports a bidirectional optical link over single-mode dual fiber cables. An optional DN9680-MM upgrade kit allows compatibility with multimode fiber cables, extending the reach to 500 meters.
- User-Friendly Configuration:** An integrated web server allows easy configuration via an Ethernet control port. This feature eliminates the need for specialized control applications, enabling platform-independent management through a standard web browser.
- Durable and Road-Ready:** Housed in a rugged 1U rackmount chassis, the DN9680 is built to withstand the demands of live touring environments. The use of premium Neutrik etherCON and opticalCON DUO connectors ensures reliable connections, night after night.

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Digital Audio Networking

SuperMAC (AES50-Compliant) digital audio networking technology from [Klark Teknik](#) simultaneously provides high channel counts, ultra low and deterministic latencies, sample-synchronous and phase-aligned networked clock distribution, error detection and correction, network redundancy, and ease of deployment and use – to meet the demanding requirements of live concert touring. DN9680 is compatible with all [Midas PRO Series](#) and XL8 digital consoles, audio system engines and digital I/O units, as well as with any other 96 kHz-enabled AES50-equipped devices.



Flexible Synchronisation

DN9680 features a precision “AES Grade 1” reference temperature-compensated clock oscillator with 1 part-per-million (ppm) stability which is used as the internal clock source. This highly accurate clock source can be used as the reference clock for digital audio systems, providing a very defined sound image free of jitter and other digital clocking error artefacts. The DN9680 can be synchronised to the internal clock source, or the incoming external AES50 or external snake clock signals.



Dual Media Snakes

DN9680 supports both optical fibre and copper snakes using a Gigabit Ethernet digital audio point-to-point link. A dual-fibre industry-standard optical connector is used for optical fibre snake connection, enabling a bidirectional optical link on one single-mode dual fibre cable. The optional DN9680-MM upgrade kit allows conversion for use with multi-mode dual fibre cable.



Internal Web Server

DN9680 features an on-board web server that allows platform-independent configuration using a web browser application. The need for separate control applications and support for multiple operating system versions is eliminated with this approach, which allows simple user selection of clock source and copper or optical fibre snake operation.

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Front Panel Indication

DN9680 features status LED indicators for AES50 and network synchronisation, Ethernet control port activity and the clock source and snake options on the front panel for 'at a glance' status display, even at wide distances and viewing angles. An alphanumeric LCD display allows individual units to be labelled, essential in large network systems where multiple DN9680 units are in use.



Built for the Road

Featuring a rugged steel 1U rackmount enclosure, the DN9680 is designed for the rigours of live concert touring. The industry standard RJ45 and optical cable connectors are used to ensure reliable network connections, night after night.



Auto-Ranging Universal Switch-Mode Power Supply

DN9680 features a universal power supply, which is auto-voltage sensing for use on a worldwide basis.

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