

RIDE BEYOND  
**EVERY HORIZON**



**2026**  
**CATALOG**  
BOAT BUILDERS



WEBSITE



CHAT



ADDRESS

**ADDRESS**

6863 Hanging Moss Rd.  
Orlando, Florida 32807

**CONTACT**

(407) 543-8691

Founded in 2015, Techno Express was created to be the kind of partner you can count on when time lines are tight and the details matter. Our foundation is straightforward: respect, professionalism, and accountability. We listen first, communicate with clarity, safeguard your drawings and data, and deliver exactly what we commit to. What you'll find in these pages is a practical roadmap for moving faster without sacrificing standards. We support OEM builders and local dealers with precision CNC machined components, laser cut and engraved dash and switch panels, backlit options, and custom wiring harnesses built to ABYC and NMEA standards. Everything is engineered to integrate cleanly into your workflow, reduce install time, and keep parts and inventory organized. You'll also see the tools your team needs to execute with confidence: material and finish selections, mounting approaches, wiring and protection options, file guidelines, revision control, and quality checkpoints. The goal is simple: easier decisions, faster quotes, and steady production from start to ship. If this Catalog helps unlock a better approach for a current model or a future one, we'd welcome the conversation. Let's align on the next step and build it right.

*Techno Express Team*







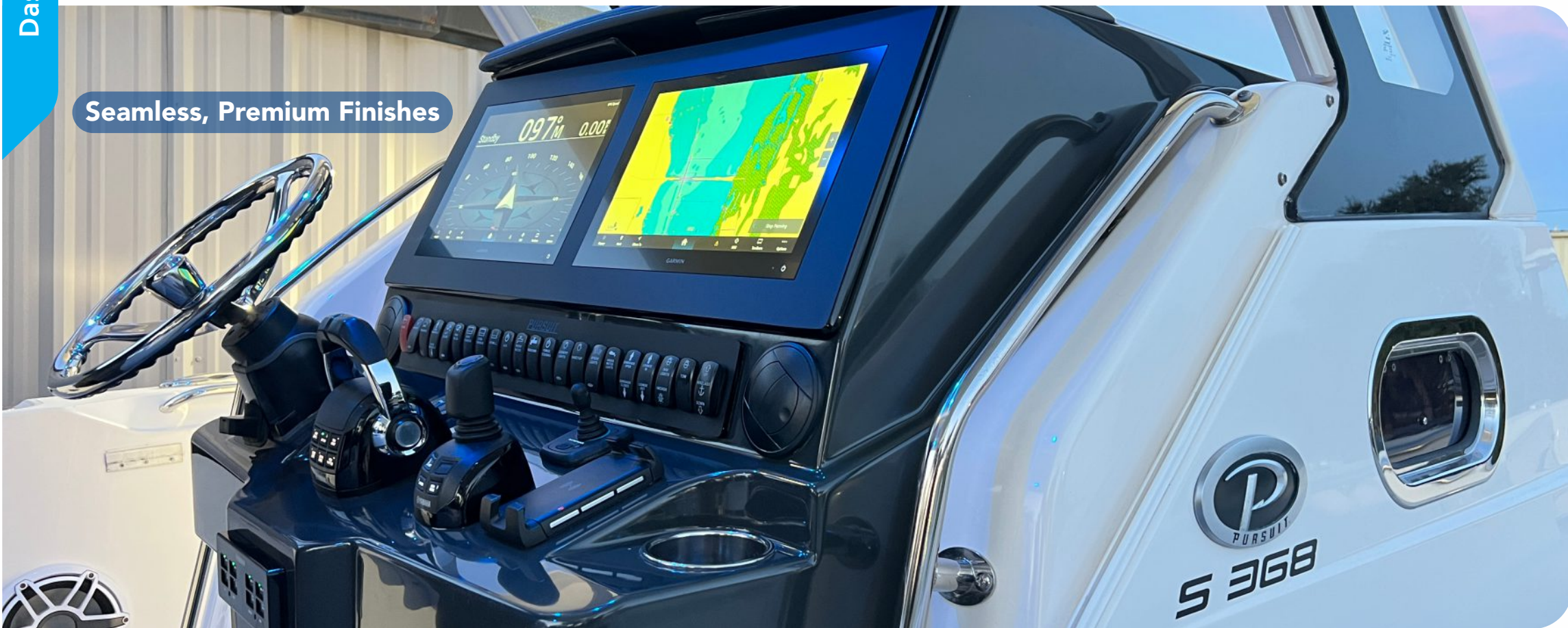
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# DASH PANELS

DESIGNED FROM YOUR **EXACT PRODUCTION MEASUREMENTS**,  
THE PANEL NESTS INTO THE CONSOLE AS IF IT WERE BORN THERE.

Seamless, Premium Finishes



## Surface Finishes

**MATTE BLACK:** Reduces reflections and glare for easier daytime readability.

**HIGH GLOSS:** Can reflect sun and helm lighting, which may hinder legend visibility.

## Available thicknesses

**MATTE BLACK:** Available in 3/16", 1/4", 3/8" & 1/2"

**HIGH GLOSS:** Available in 1/8", 1/4", 3/8" & 1/2"

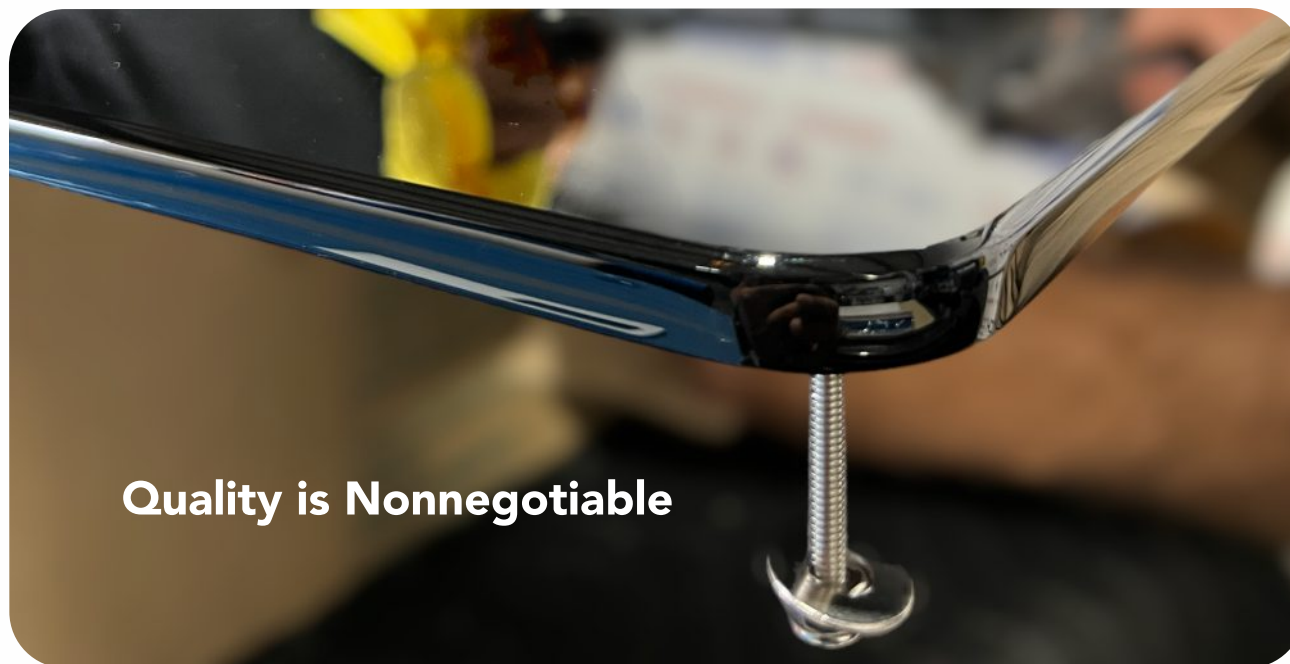


## GLOVE BOX INTEGRATION

Integrated storage is built into the panel so the glove box sits flush and looks factory from the helm. Constructed from marine-grade HDPE and Impact Modified Acrylic Door with a water-resistant door seal, it keeps contents dry while the retention lip and foam-lined floor prevent items from sliding or rattling underway. You can spec custom sizes, latch styles, and optional interior LED lighting to match your model line and trim. We provide a cut template for accurate installation and repeatable fit across production boats.

## HIGH GLOSS POLISHED EDGES

Our dash panels are cut and finished to a mirror sheen, with polished machined edges that catch the light without showing tool marks. Every corner radius and chamfer is checked against spec so the panel reads clean and premium from any angle. Surface quality is controlled with no haze, no swirl, and no ripple, and the finish is nonnegotiable. If a panel does not meet our standard, it does not leave the shop.



**Quality is Nonnegotiable**



# SWITCH PANELS

EVERY SWITCH PANEL IS PURPOSE DESIGNED TO **MATCH THE CONSOLE GEOMETRY**,  
WITH **BALANCED SPACING** AND CONTROLLED TOLERANCES THAT PRODUCE A REFINED, OEM LEVEL FINISH.

## Backlight Panels

The Ultimate Solution for Night Navigation





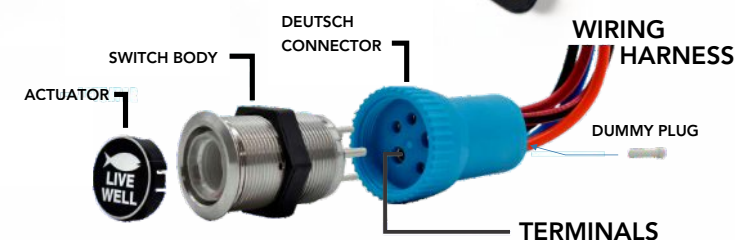
## CUSTOM ICONS

A unique way to improve panel readability. Offered on all our panels, with or without backlight.



## ETCHED LOGO

Customize completely while preserving the OEM look. Add a small, tasteful touch that will impress other boaters. Be unique and different without losing your essence.



## LASER ETCHED COVERS

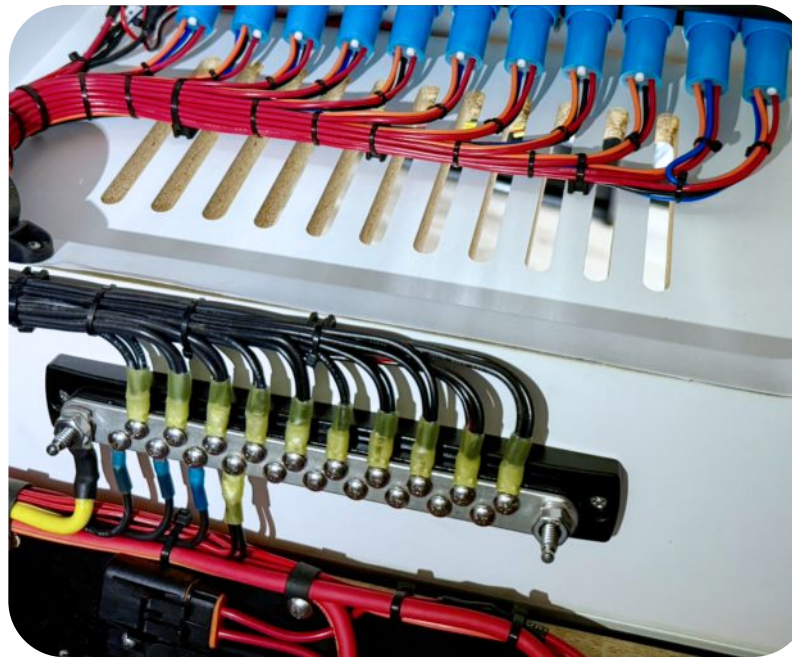
A great way to keep your panel flexible change any switch function without replacing the panel. Choose from 96+ custom labels, pick à la carte, configure your layout, and save on panel cost.

# WIRING OPTIONS

We partner closely with manufacturers to choose the wiring approach that fits their production line. Our Panel Ordering Form (POF) collects everything needed up front:

- Switch type
- Switch protection
- Harness direction
- Wire labeling
- Harness termination

Once the POF is submitted, we provide a pre-production drawing for review and approval. It's a simple, fast process that reduces back-and-forth and saves time for your team and ours.

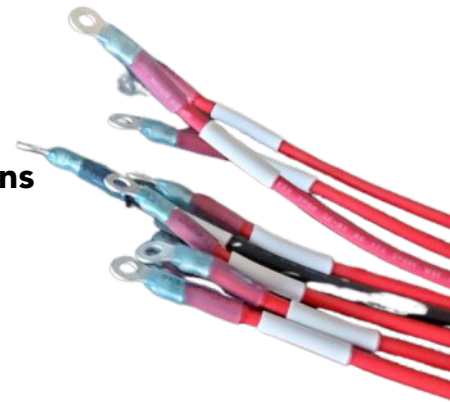


## DISTRIBUTION BLOCK

- **Centralized**, labeled outputs for clean, traceable layouts.
- **Gauge sized per ABYC E-11** for load and run length to control voltage drop.
- **Service-friendly**: IDs at both ends, service loops, and clear circuit map.

## Termination Options

- Heatshrink Labels
- Ring Terminals
- Female Terminals
- Deutsch Terminals



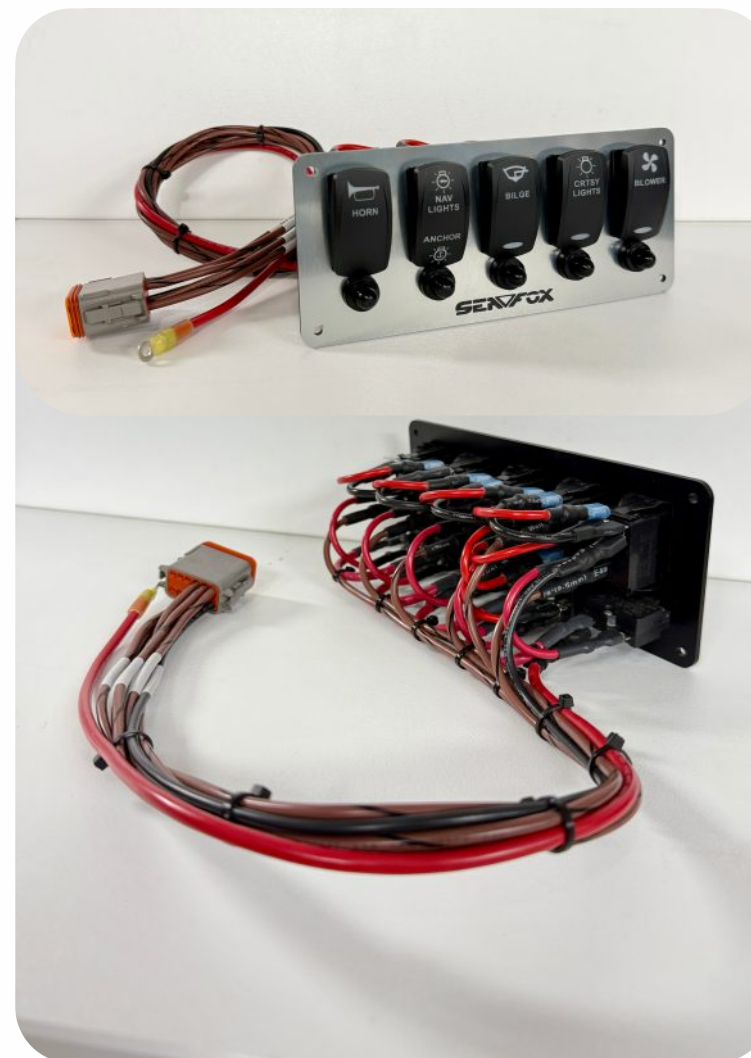
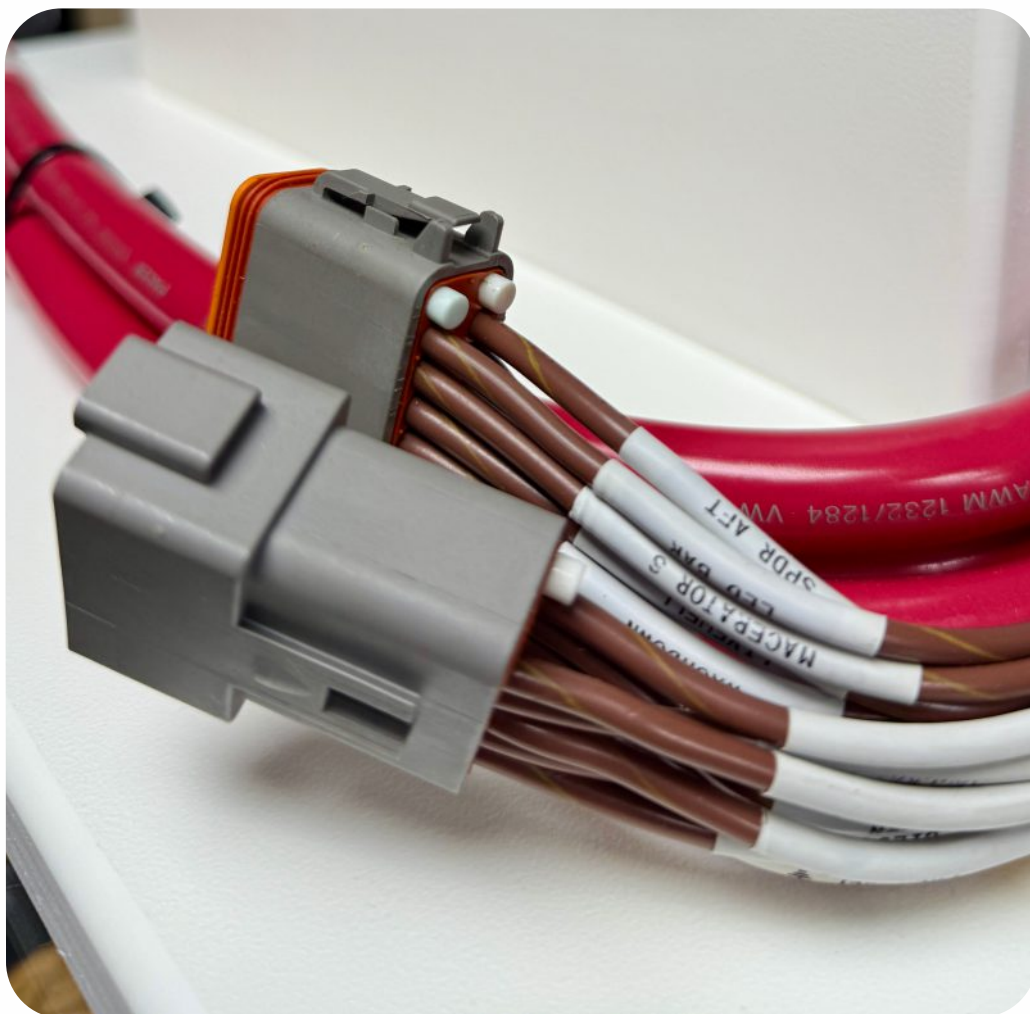
## FREE WIRE LEADS

- **Maximum flexibility** to land on devices or terminal strips.
- **Tinned copper conductors** prepped for marine crimps + adhesive heat-shrink.
- **Color/ID labeled** with suggested fuse/breaker values for quick setup.



## DEUTSCH PLUG (Plug-and-Play)

- **Fast OEM installs:** keyed, pre terminated DT/HD connectors reduce labor.
- **Sealed, vibration-resistant** contacts with strain relief/backshell.
- **Standard pin map,** continuity tested to cut errors and speed QA.



### IMPORTANT NOTE:

Upon request, **connector colors can be customized to match your wiring scheme and application.** For example, a harness with dual 12-pin ends can be split into port and starboard with two distinct colors to minimize routing mistakes.

# PANEL MOUNTING OPTIONS

The majority of our customers prefer **hidden fasteners** over other standard mounting methods.







## STUD MOUNT

Clean, hardware-free look on the face of the panel. Stainless studs are bonded to the back of the panel and pass through the console, secured with washers and nyloc nuts from behind.



## PAN HEAD SCREWS

Visible, rounded screw heads seat on the panel surface. Fast and forgiving to install great for thicker panels, gasketed installs, or when you want a small standoff to protect finishes.



## COUNTERSUNK SCREWS

Screws sit flush with the panel after a tapered countersink, delivering a sleek, low-profile look. Best when you want seamless aesthetics without exposed hardware catching on gear.

# Legends & Etching Options

ENDLESS COMBINATIONS TO MATCH YOUR BOAT AND BRAND. LEGENDS ARE PRECISELY MACHINED ON CNC/LASER EQUIPMENT FOR CRISP EDGES, CONSISTENT DEPTHS, AND PERFECT ALIGNMENT WITH ABYC/NMEA LABELING. CHOOSE FONTS, ICONS, SIZES, AND DEPTHS; ADD COLOR FILLS OR BACKLIT LEGENDS FOR NIGHT READABILITY.





## SURFACE ENGRAVING (No Light-Through)

Front-side engraving for high daytime contrast without illumination. Legends are precisely machined into the face and typically color filled for readability and durability. Ideal for workboats, open consoles, or any build that doesn't require night backlighting. Highlights: crisp, burr-free edges

- Long-lasting color fills
- Easy to clean
- Works on matte, textured, or gloss acrylic

## REVERSE ENGRAVING

Legends are engraved on the back of a translucent/acrylic panel (mirrored), then edge or rear-lit with LEDs so text glows through at night while the front face remains smooth and sealed. Delivers premium OEM look with even illumination and excellent nighttime readability.

- Uniform light diffusion
- Dimmable LED options (12/24 V)
- Compatible with multilayer or 2 ply acrylics for sharp day/night contrast
- Repeatable, tight-tolerance machining aligned to your wiring diagrams.



**GREEN:** Components behind panel  
**BLUE:** Cutout through panel  
**BLACK:** Components front of panel  
**RED:** Other components behind the panel

**Wiring: Fully Wired | Wiring Direction: to Starboard**

- ☐ FUSE BOX    ☐ BREAKERS    ☒ RESETTABLE PB Switch  
☒ BUS BAR    ☒ LED LIGHT    ☐ BACKLIT LOGO

Switch OFF NAV/ANC SWITCH  
LED = OFF 1ST POSITION: NAV+ANC LED = GREEN  
2ND POSITION: ANC (ONLY) LED = RED

Switch BACKLIT (ON)  
LED = BLUE

Switch ON  
LED = RED

## PAGE 1 OF 3

Year: 2024	Customer: John W.	Part #: 225S-DP-066ABMST3	Rev 1	Original Drawing / Generated by DR	12/12/2025
Make: SeaHunt	Invoice #: I257065	Mount Type: <input type="checkbox"/> Pan Head Screws <input type="checkbox"/> Countersunk Screws <input checked="" type="checkbox"/> Studs	Rev 2	Add a 2nd SC-CW-04G (Portside of the screens) / Rev by DR	12/12/2025
Model: 25 Gamefish	Material Type: Matte Black Acrylic	Delivery Method: <input checked="" type="checkbox"/> Shipping <input type="checkbox"/> Pickup <input type="checkbox"/> Installation	Rev 3		
Panel: Dash	Thickness: 1/2"	Switch Type: <input checked="" type="checkbox"/> Push button <input type="checkbox"/> Rocker <input type="checkbox"/> Toggle	Rev by	APPROVED / REVISED / Rev by EM	12/13/2025

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## DRAWING LEGEND

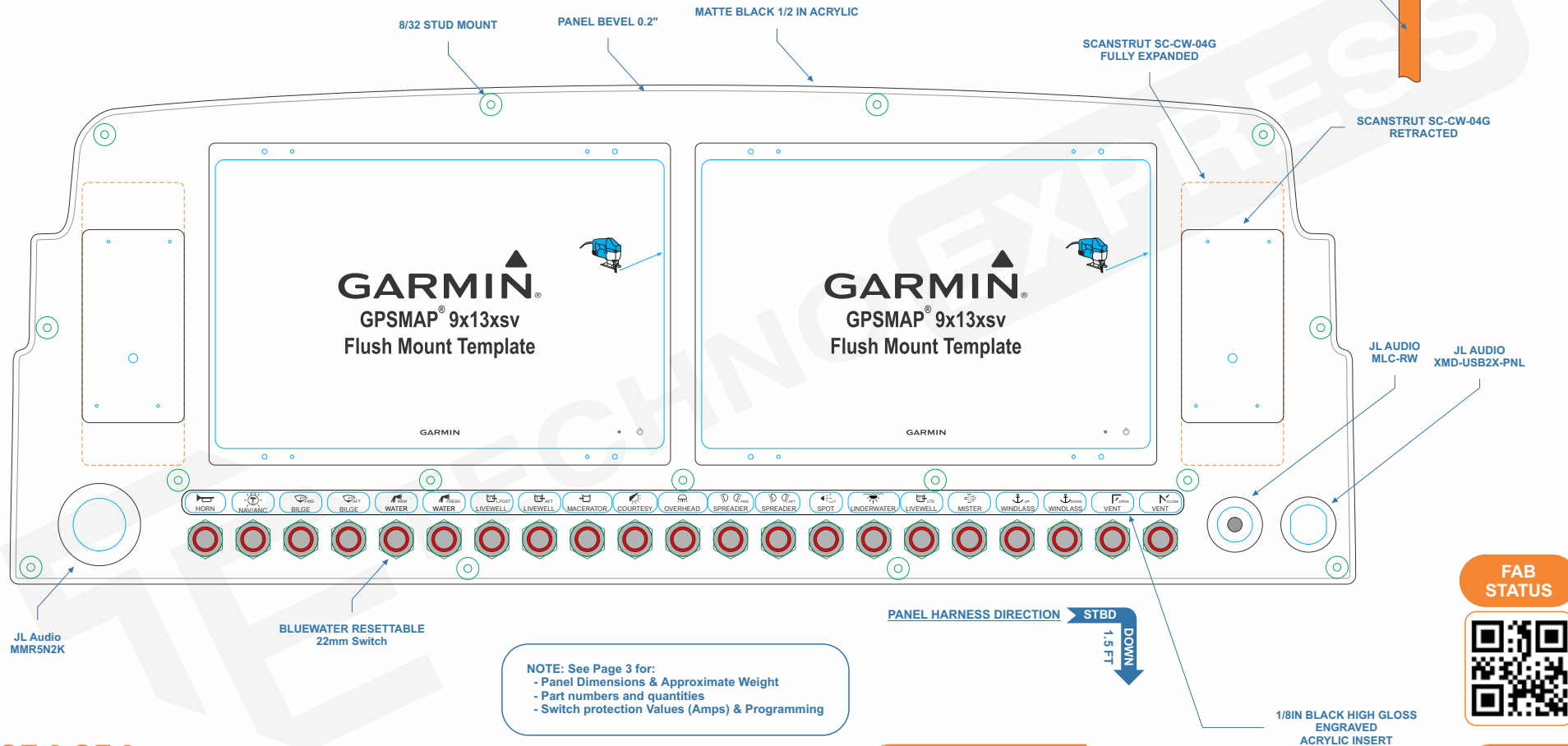
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## WIRING NOTES

Wiring: **Fully Wired** | Wiring Direction: **to Starboard**

☐ FUSE BOX ☐ BREAKERS ☒ RESETTABLE PB Switch  
☒ BUS BAR ☒ LED LIGHT ☐ BACKLIT LOGO

## DASH PANEL / DRAWING



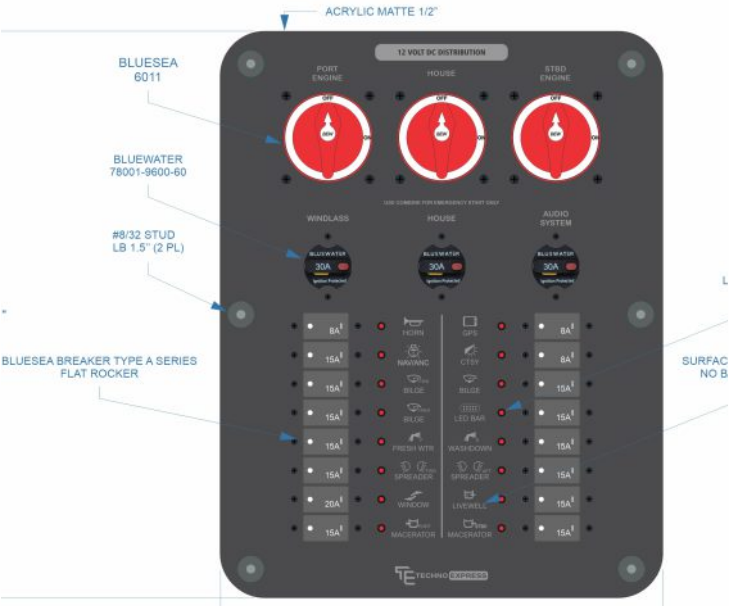
NOTE: See Page 3 for:  
- Panel Dimensions & Approximate Weight  
- Part numbers and quantities  
- Switch protection Values (Amps) & Programming

## PAGE 2 OF 3

## REVISIONS &amp; NOTES

			Date	
Year: 2024	Customer: John W.	Part #: 225S-DP-066ABMST3	Rev 1	Original Drawing / Generated by DR 12/12/2025
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Panel: Dash	Thickness: 1/2"	Switch Type: <input checked="" type="checkbox"/> Push button <input type="checkbox"/> Rocker <input type="checkbox"/> Toggle	Rev by	APPROVED / REVISED / Rev by EM 12/13/2025

# DRAWING REVISIONS



## DESIGN AND LAYOUT

- Either you provide your own CAD file or we create one for you, our team will verify that all electrical components and hardware align and fit correctly.
- What you see on the drawing is exactly what you'll receive, no surprises, just a perfect match to the approved design.
- Fast chat communication ensures no time is wasted on back-and-forth emails.

## REVISIONS & NOTES

Every drawing includes a clear revision log for full traceability. We start by collecting as much information as possible before generating Rev 1 to minimize changes and save time. You get up to 3 free revisions included with your order, and each update is recorded with the revision number, a brief description of the change, the project manager initials, and the date so everyone knows exactly what was modified and when. Once confirmed, the final entry is marked Approved and released for production.

NOTE: See Page 3 for:  
- Panel Dimensions & Approximate Weight  
- Part numbers and quantities  
- Switch protection Values (Amps) & Programming

1/8IN BLACK HIGH GLOSS ENGRAVED ACRYLIC INSERT

REVISIONS & NOTES			Date
225S-DP-066ABMST3	Rev 1	Original Drawing / Generated by DR	12/12/2025
<input type="checkbox"/> Pan Head Screws <input type="checkbox"/> Countersunk Screws <input checked="" type="checkbox"/> Studs	Rev 2	Add a 2nd SC-CW-04G Portside of the screens / Rev by DR <b>OK</b>	12/12/2025
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<input checked="" type="checkbox"/> Push button <input type="checkbox"/> Rocker <input type="checkbox"/> Toggle	Rev by	APPROVED / REVISED / Rev by EM	12/13/2025



## PRODUCTION

- Once the drawing is approved, the production process begins.
- Every order in production is tracked through our system, allowing you to request updates at any time and receive the most accurate status.
- For most of the orders the process is almost the same:
  - Drawing & Design
  - Machining & Finishing
  - Wiring and Testing
  - Inspection
  - Packing & Shipping



FAB  
STATUS



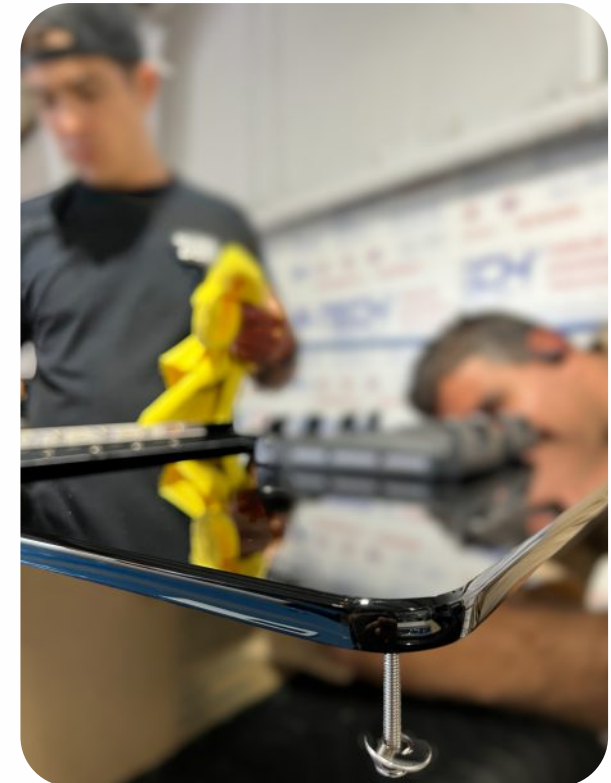
TRACEABLE



CONTROLLED



CONSISTENT



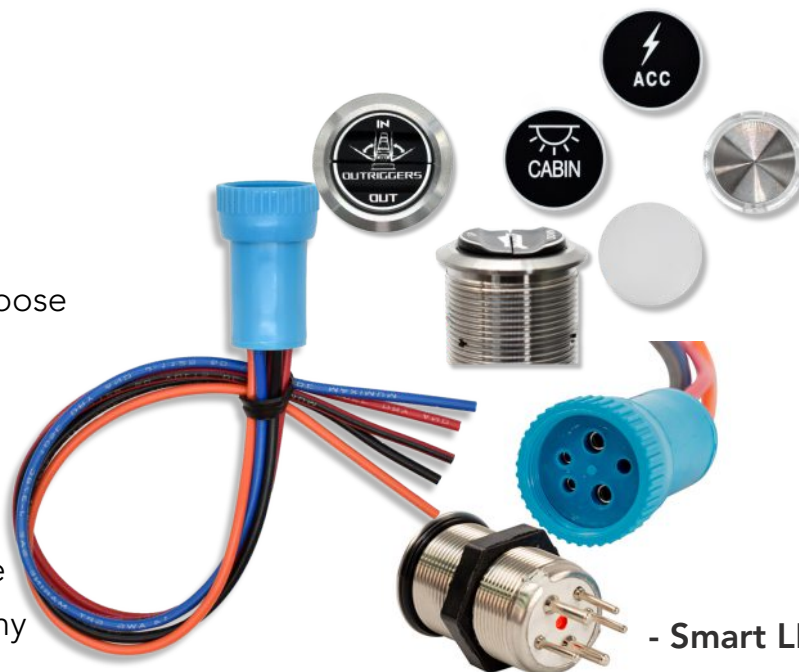
DETAILED

# SWITCHES

## PUSH BUTTONS

We work closely with our customers to choose the right switch option that fits their boat. From stainless steel push-button switches to the classic Contura V rocker switch, our crew works hard to keep production lead times as low as possible. With a large inventory in stock, you can choose from any of the following switch types:

- Bluewater 19mm Push Button
- Bluewater 22mm Push Button
- Bocatech 19mm Push Button
- Carling Contura V
- Carling Contura XIV
- Carling Toggle F-Series
- Carling Toggle G-Series
- Carling Toggle LT-Series



### - Customizable Protection

(Resettable Switch)

8 programmable Amp settings including 3, 5, 6, 7.5, 10, 15, 20, and 0.

### - Marine Grade Durability

SS316 stainless steel, IP69K waterproof, salt spray & shock tested.

- **Smart LED Feedback** SS316 stainless steel, IP69K waterproof, salt spray & shock tested.

- **Custom Etched Actuators** Pick over 69 Options available for 19 and 22mm Switches. All switch actuators come in laser-engraved or UV-printed designs for lasting durability.

## TOGGLE SWITCHES

- **Amp Rate** 3 - 20A / 227VAC

- **LED Indicator Option** (LT-Series)

Feature up to three-color lighting sequence from a single lamp.

- **Electrical Life**

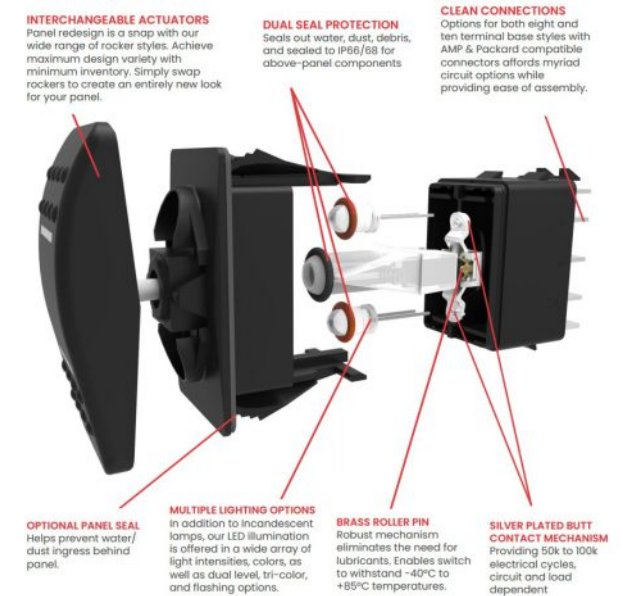
50,000 cycles - Maintained

25,000 cycles - Momentary



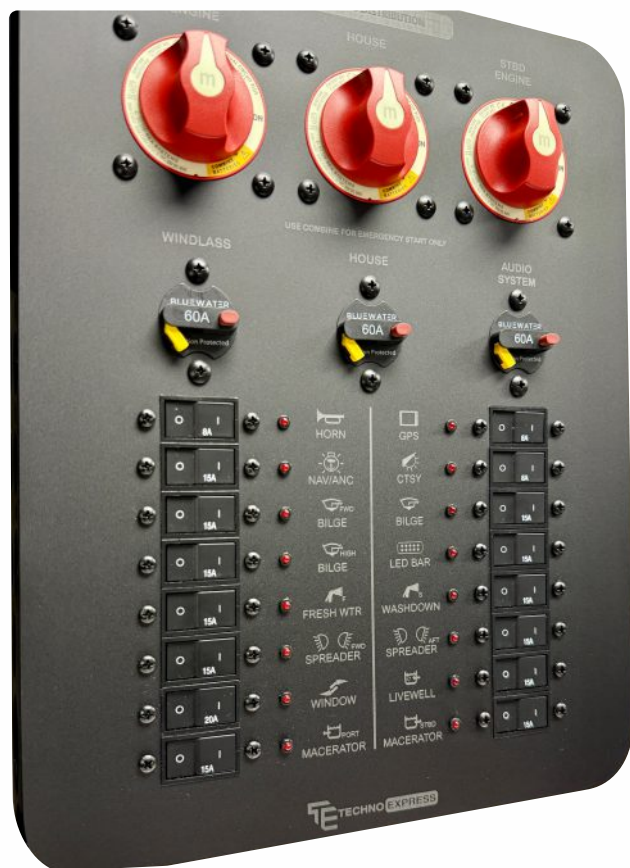
## CONTURA (Rocker Switch)

- **Marine-grade durability:** Built to handle vibration, moisture, and harsh environments, so they hold up better in boats/UTVs/off-road vs. generic rockers.
- **Clean, professional look + easy labeling:** Contura V actuators support standardized legends/icons (and backlit variants), giving you consistent, OEM-looking switch banks.
- **Modular + widely available:** The actuator "cap" and the switch body are modular (easy to swap labels/styles), and Contura V is a common standard so replacements and matching parts are easy to source.
- **In House Etching:** We use genuine Carling Contura V actuators to ensure you get the product available in the market. All Actuators are engraved in house to order, unlimited designs and options are available for your project, with top quality etching and No waiting time.



# CIRCUIT PROTECTION

FROM **MASTER DISTRIBUTION PANELS** (MDP) TO REGULAR **SWITCH PANELS**, BREAKERS AND FUSES PLAY A VITAL ROLE IN PROTECTING WIRING, ELECTRONICS, AND ONBOARD SYSTEMS FROM ELECTRICAL FAULTS AND FIRE RISKS.







## ST BLADE FUSE BOX 12 POS

- Positive distribution bus with #10-32 stud
- Can be used for 24-hour circuits
- Tin-plated copper buses and fuse clips
- Accepts ATO® and ATC® fast acting blade fuses



## ST BLADE FUSE BOX 6 POS

- Positive distribution bus with #10-32 stud
- Can be used for 24-hour circuits
- Tin-plated copper buses and fuse clips
- Accepts ATO® and ATC® fast acting blade fuses



## PANEL MOUNT CIRCUIT BREAKER

- Amperage Range: Available from 10A to 60A for versatile circuit protection
- DC System Compatibility: Works with 12V or 32V DC systems
- Construction: Rugged thermoplastic housing with nickel-plated copper components for corrosion resistance



## PUSH BREAKER

- Maximum Voltage: 32V DC
- Thermal trip, manual push-button reset only
- Optional Push Button Waterproof Boot Available



## RESETTABLE SWITCH

- Built-in resettable circuit breaker offered in 7 different trip ratings.
- Max Amp Rating: 20A DC
- Stainless Steel SS316 Body and IP69K Waterproof Rating



## A-SERIES CIRCUIT BREAKER

- Prevents accidental switching of 24 hour circuits
- International ON/OFF symbols support vertical or horizontal mounting

# ACCESSORIES



## FUSE BLOCK 6 POS

- 6 Position
- Max Voltage: 48V DC
- Input Current: 100A
- Breaker Type: 88 Series/BW 38 Series
- Input Terminal Rating: M5 Threaded Studs (100A max)



## FUSE BLOCK 12 POS

- 12 Position
- Max Voltage: 48V DC
- Input Current: 100A
- Breaker Type: 88 Series/BW 38 Series
- Input Terminal Rating: M5 Threaded Studs (100A max)



## LED FUSE BLOCK

- 12 Position W/ LED Indicator
- Max Voltage: 48V DC
- Input Current: 100A
- Breaker Type: 88 Series/BW 38 Series
- Input Terminal Rating: M5 Threaded Studs (100A max)

## DT SEALED BUSBAR

- Stud Size: 1/4" Or 5/16"
- Mounting Holes: 0.225"
- Distance Between Mounting Holes 1.7"
- Take 5.32" Pan head Machine Screws
- Sealed Ip67
- Current Rating: 150 A



## SEALED DTP 4 POS BUSBAR

- 5/16" Terminals
- Mounting Holes 0.175"
- Take 5/32" Pan head Machine Screw
- Sealed IP67
- Current Rating: 200 A



## SEALED FCI BUSBAR

- 5/16" Terminals
- Mounting Holes 0.175"
- Take 5/32" Pan head Machine Screw
- Sealed Ip67
- Current Rating: 150 A







## DT SERIES 12 POS KIT

- Deutsch Plug and Receptacle Connector Kit, 12 Circuit, A Key
- Receptacle DT04-12PA / Plug DT06-12SA
- Terminal Size: 16AWG
- Cavities: 12 (Each Side)



## DT SERIES 3 POS KIT

- Deutsch Plug and Receptacle Connector Kit, 3 Circuit, A Key
- Receptacle DT04-3P / Plug DT06-3S
- Terminal Size: 16AWG
- Cavities: 3 (Each Side)



## Y WIRE HARNESS (Blue)

- 18 AWG (Push Button Switch Led Positive)
- Plug-and-Play Y-Wire Jumper Harness
- Reduced LED Wiring (LED Positive Side)
- Harsh-Environment Rated
- Installation-Optimized Design
- Speeds up installs

## Y WIRE HARNESS (Ground)

- 18 AWG (Push Button Switch Led Negative)
- Plug and Play Y-Wire Jumper Harness
- Reduced LED Wiring (LED Negative Side)
- Harsh-Environment Rated
- Installation-Optimized Design
- Speeds up installs

## Y WIRE HARNESS (Orange)

- 12 AWG (Push Button Switch Positive Jumper)
- Harsh-Environment Rated
- Installation-Optimized Design
- Speeds up installs



## BLUEWATER HARNESS

- Available for 19 and 22mm Switches
- Harness Available: 1, 2, 3 and 5 FT Length
- 4 or 5 wires configuration for one or two loads
- Led Wires: 18 AWG / Input and Output: 14 AWG



# ACCESSORIES



## DUAL USB/USB-C CHARGER

- Mounting Type: Double D
- Current Rating: 4.8A (32VDC)
- USB-C: 45W Fast Charger (4.0)
- No LED
- Ip66 Protection



## WIRELESS PHONE CHARGER

- 15W Fast Charging
- IPX6 Waterproof
- Qi Certified
- Input Voltage Range: 10-30V DC (12/24V system)
- Input current max: 2A
- Cable AWG: 20 AWG



## Aura 10W PHONE CHARGER

- 10W Fast Charging
- Mag technology
- IPX6 Waterproof
- Qi Certified
- Front spring-loaded locking grip
- Input current max: 2A

## TERMINAL BLOCK 30A - 12 CIRCUIT

- Circuits: 12
- Length: 7.7in
- Maximum Voltage: 600V AC/DC
- Continuous Rating: 30A
- Bus Material: Nickel-Plated Brass
- Mounting Screw: #10 [M5]



## MaxiBus 250A BUSBAR

- Maximum Voltage: 300V AC 48V DC
- Number of Screw Terminals: 12
- Terminal Type: #10-24 Screw 5/16"-18 Stud
- Bus Material: Tin-Plated Copper CDA 110 / UNS 11000
- Continuous Rating: 250A



## DUAL STUD BUSBAR

- Max Voltage: 48V DC
- Max Amp: 200A
- Stud Size: 3/8"-16
- Mounting Holes: 0.25
- Mounting Screw Size: #10, 1/4"
- Distance Between Mounting Holes: 1.425"







## PUSH BREAKER BOOT

- Available in Black, white and Clear
- 12 Circuit, A Key
- Replaces standard mounting nut for mounting on Thermal Push Button Circuit Breakers only
- UV resistant material resists discoloration and cracking



## 40 AMP SEALED RELAY

- Rated for 40 amps at 12 volts
- Sealed and waterproof design for harsh marine environments
- Ideal for lighting, pumps, motors, and other boat accessories
- Connecting Studs: 2x #10/32



## 80 AMP SEALED RELAY

- Rated for 80 amps at 12 volts
- Sealed and waterproof design for harsh marine environments
- Ideal for heavy-duty pumps, motors, and other boat accessories
- Connecting Studs: 2x #10/32

## Sensor Module Waste Tank

This waste tank sensor module features a durable PCB design for accurate level monitoring in marine or RV applications. Engineered for reliable signal output, it integrates seamlessly with control systems and tank displays to provide dependable fluid status feedback.



## DECKHAND DIMMER 12V DC 12A

- Illuminated exit with adjustable time delay
- Digitally controls dimming of non-regulated LEDs, incandescent, and halogen lights
- Memory for last setting
- Provides continuous voltage control from 0 to 100% of input voltage



## REVERSE POLARITY MODULE

- Load Rating: 50A at 12VDC (intermittent)
- 30A at 12VDC (continuous)

### Common Applications:

- Trim tabs and hatch lifts
- Hoists and winches
- Tarp and lift systems
- Intake/exhaust fans and vents



# GALLERY



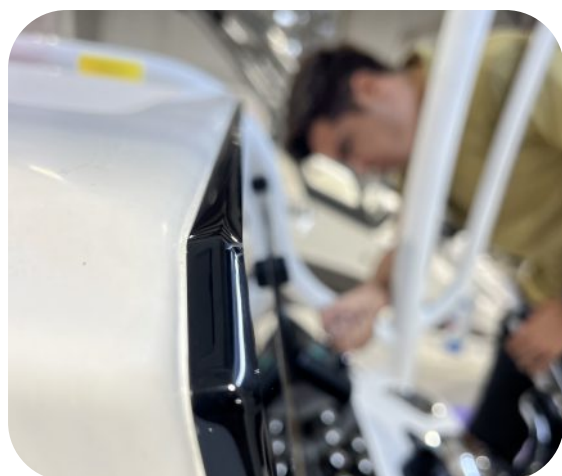




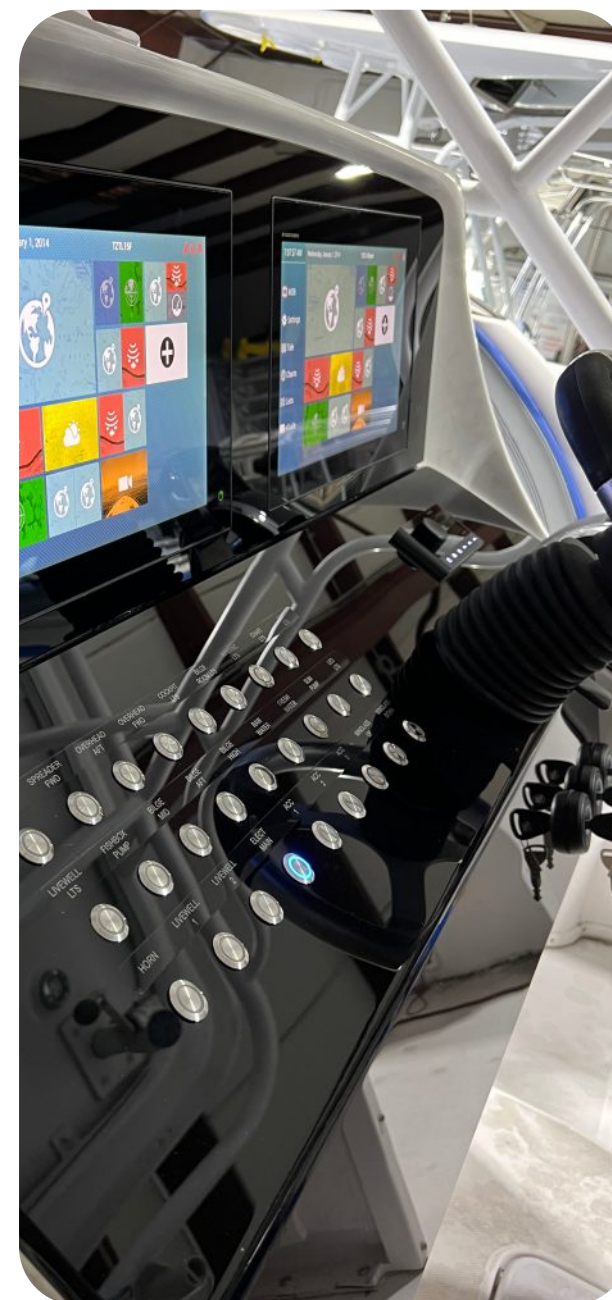














## Owner's Note



If this catalog sparks an idea for your model lineup, that's a win for both of us. We live and breathe the marine world: hulls, helms, wiring, and water, and we believe every boat deserves components shaped around its purpose. Our promise is simple: quality first, always. We show up with respect, professionalism, integrity, and accountability, listening closely and turning your vision into a solution that fits cleanly the first time. Working hand in hand with your team, we deliver plug and play systems and model specific custom panels designed to help you scale production, reduce install time on the line, and simplify parts and inventory management.

The result is a product that looks right, installs right, and performs to your standards, every time. We're here to help, to solve, and to build what you imagine, together.

*Eduardo M., President*  
Techno Express

**Get In Touch!**



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