

HOGAR

Live the future

Smart Living

Smart solutions for convenience, safety, security, comfort, and energy savings — designed for every home.





Live the Future

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What Is Home Automation?

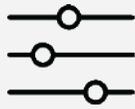


Home automation is the seamless integration of technology into your living spaces to deliver comfort, convenience, safety, security, and energy savings.

It transforms your home into a space that responds to your needs — whether at the touch of a button, through voice command, or via automated routines tailored to your lifestyle.



Key Functionalities of Home Automation



Convenience

Control lighting, appliances, curtains, and doors effortlessly.



Security

Digital door locks, video doorbells, cameras, sensors, and alarms protect your family from break-ins and related risks.



Safety

Smart cameras help you check on elderly parents or children, while well-placed staircase and night lighting in elderly rooms ensure ease of movement and peace of mind.



Energy Saving

Smart usage of lighting, curtains, and appliances lowers energy bills.

Protocols in Home Automation: A Comparison

Protocol	Pros	Cons	Best Suited For
Wired	Stable & reliable; low latency	Very high cost; difficult to scale; disruptive installation	Large, commercial spaces
Z-Wave (Wireless)	Secure, reliable mesh; low interference; scalable; energy efficient	Slightly higher initial device cost	2/3 BHKs to luxury bungalows and farmhouses
Zigbee (Wireless)	Open standard; decent mesh capability	Compatibility issues; less device variety in India	Smaller setups, lighting systems
Wi-Fi (Wireless)	Readily available; easy to set up	High power consumption; interference; poor scalability	Small apartments, DIY setups
Bluetooth (Wireless)	Low cost; low energy	Very short range; limited automation features	Point-to-point control, personal devices

Z-Wave vs Wired (KNX)

Feature	Hogar – Z-Wave Automation	KNX – Wired Automation
Technology Type	Wireless (Mesh Network)	Wired (Bus Cable Based)
Installation	Fast & non-intrusive	Complex & time-consuming
Retrofitting	Ideal for existing homes	Very difficult
Wiring Requirement	No additional wiring	Extensive wiring
Scalability	Easily expandable anytime	Limited & expensive to expand
Reliability	Self-healing mesh network	Dependent on wired topology
Cost	Significantly more affordable	High initial & expansion cost
Flexibility	Move / add devices anytime	Fixed wiring, rigid structure
Maintenance	Easy troubleshooting	Complex fault detection
Future Readiness	Highly future-proof	Upgrade requires rewiring
Device Ecosystem	230+ certified Z-Wave devices	Limited to wired ecosystem
Global Adoption	100+ countries	Primarily Europe
Installation Time	Days	Weeks
Aesthetics	Clean, minimal disruption	Wall chasing & repairs required
Indian Home Suitability	Designed for Indian homes	Less practical for Indian builds

Why Z-Wave Over Wired (KNX)?

- ▼ Wireless technology is not just an alternative, it is the foundation of next-generation innovation
- ▼ Wireless systems offer flexibility -effortless integration into existing eco-systems
- ▼ Wireless innovation is shaping the future. Products like smart wearables, asset trackers, low power sensors, etc can only be supported on wireless technologies
- ▼ Wireless & retrofit-friendly –no rewiring required
- ▼ Rapid and hassle-free installations compared to traditional wired systems
- ▼ Low initial investment compared to KNX wired systems
- ▼ Low maintenance total cost of ownership compared to KNX wired systems
- ▼ By removing physical constraints, wireless systems unlock scalability –add devices anytime without infrastructure changes
- ▼ Highly reliable mesh network with self-healing capability. Wired systems fail when their physical wires fail
- ▼ Global standard trusted in 100+ countries
- ▼ Z-Wave to deliver flexibility, faster installation, and future-proof smart homes

Wired (KNX) vs. Z-Wave: The Clear Choice

Factor	Wired	Z-Wave
Initial Setup	Expensive, invasive, requires planning during construction	Simple, wireless, retrofit-friendly
Flexibility	Difficult to change once installed	Easy to expand and reconfigure
Scalability	Limited without major rewiring	Scales seamlessly as needs grow
Costs	High upfront + maintenance	Lower upfront, economical in long term

Key Do's and Don'ts for Installation

Do's

- ▼ Provide accurate electrical drawings.
- ▼ Use a whole-house voltage stabiliser. This is critical because:
 - It protects sensitive home automation equipment from voltage fluctuations, surges, and spikes.
 - It ensures consistent performance of all automation devices.
 - It extends the lifespan of touch panels, controllers, and insert modules.
 - Damage from unstable voltage is not covered under the standard warranty, and repairs require an additional cost if the product is in warranty or are entirely borne by the homeowner if the warranty has expired.
- ▼ Ensure the site is fully ready before installation (no carpentry, electrical, or paint jobs pending).
This is important because:
 - It prevents damage to installed equipment from debris and spills.
 - It ensures a seamless and efficient installation process, avoiding delays.
- ▼ Use Hogar's professional pre-installation checklists.

Key Do's and Don'ts for Installation

Don'ts

- ▼ Avoid repair or reinstallation by unauthorised personnel, as this will void the warranty.
- ▼ Do not expose installed equipment to electrical short circuits and surges caused by electrical repairs done at home by electricians. Damage from such incidents is not covered under the standard warranty.



The Importance of Whole-House Voltage Stabilisers



Electrical fluctuations are common in India and can severely impact sensitive home automation equipment.

Unlike regular appliances, smart touch panels and insert modules contain delicate electronics that are highly sensitive to voltage spikes and dips.

Why stabilisers matter

- ▼ Protect sensitive electronics from voltage fluctuations, surges, and spikes.
- ▼ Ensure consistent performance of automation devices.
- ▼ Extend the life of touch panels, controllers, and insert modules.
- ▼ Prevent disruptions in automation logic (false triggers, device resets, or failures).

Impact on Warranty and Repairs

If in warranty

Damage caused by unstable voltage is not covered under the standard warranty. Repairs or replacement — including purchase of a new product if the installed one is beyond repair — may incur additional costs.



Why Touch Panels & Insert Modules Need Special Care





Unlike mechanical switches, which do not have a constant current flowing when switched off, touch panels and insert modules contain advanced microelectronics, capacitive touch sensors, and wireless communication chips, and have a continuous current running even when not actively used.



To ensure long-term performance and protection of these advanced features, a consistent and stable electrical environment is essential.

Verdict: _____

For a safe, reliable, and long-lasting automation setup, a whole-house voltage stabiliser is not optional — it's essential.



Why Hogar ?



Proven Experience & Scale

- ▼ 10+ years of expertise in home automation
- ▼ 9,000+ active smart homes across India
- ▼ 1,20,000+ active devices connected
- ▼ Global Innovation, teams in USA and India
- ▼ Deployed across bungalows, apartments, villas, farm houses and commercial spaces
- ▼ Prompt technical assistance available across metro locations
- ▼ One-stop Z-Wave solution provider

Z-Wave Leadership in India

- ▼ Z-Wave partnered company
- ▼ Only dedicated Z-Wave automation provider in India
- ▼ Only company to offer a complete range of ZWave products designed for seamless integration
- ▼ 1 of only 300+ companies worldwide officially supporting Z-Wave solutions
- ▼ Supports 230 devices (nodes) per controller - higher than Zigbee's 60 devices
- ▼ Z-Wave: Superior range, minimal interferences, lower electromagnetic exposure and uninterrupted connectivity



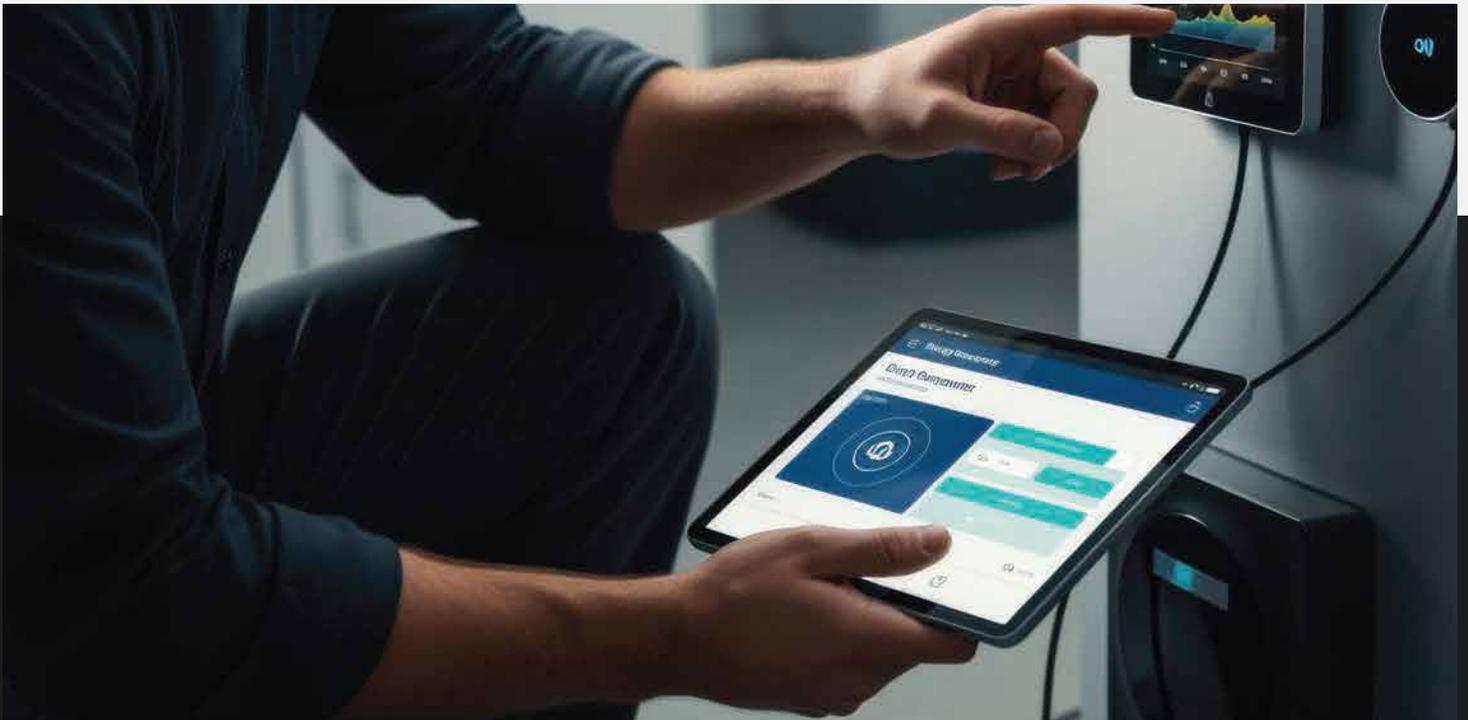
One-Stop Smart Home Solution



- ▼ End-to-end automation ecosystem
- ▼ From concept to deployment, 100% indigenous home automation platform crafted entirely in-house
- ▼ Convenience, Safety, Security, and Energy Savings
- ▼ Seamless control via mobile app, voice assistants, devices, sensors and timed schedules
- ▼ Highly admired and user friendly mobile app, designed for smooth and effortless home automation

Strong In-House Capabilities

- ▼ Centralized & decentralised technical teams across regions
- ▼ In-house production unit
- ▼ In-house R&D for continuous innovation
- ▼ In-house service team for fast support
- ▼ In-house installation team ensuring quality & consistency

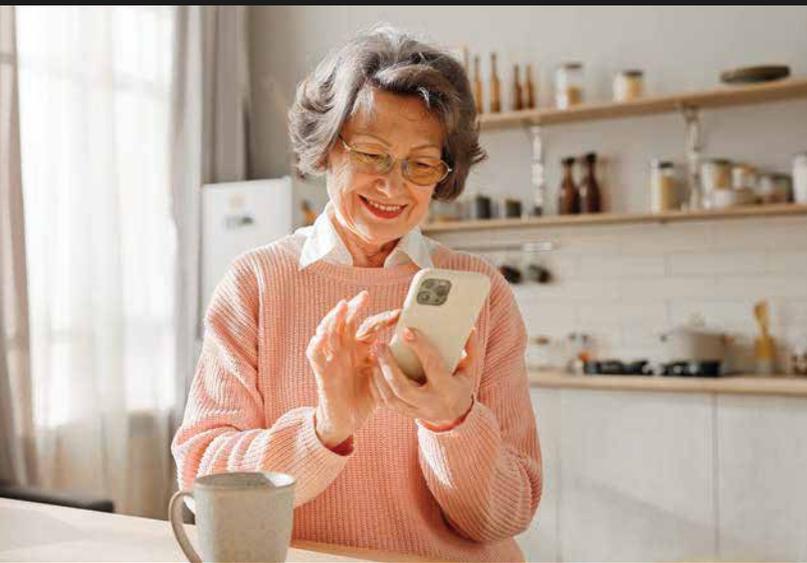


Built for Today. Ready for Tomorrow.



- ▼ Secure, stable & future-ready platform
- ▼ Easier upgrades as technology evolves
- ▼ Designed for Indian homes & conditions
- ▼ Backed by a global ecosystem with local expertise

Scenarios Hogar Delivers



Elderly parents' room
motion-controlled night lighting

-  Safety (primary)
-  Convenience (secondary)

Children's security

live CCTV feeds

-  Security (primary)
-  Safety (secondary – protection of children)



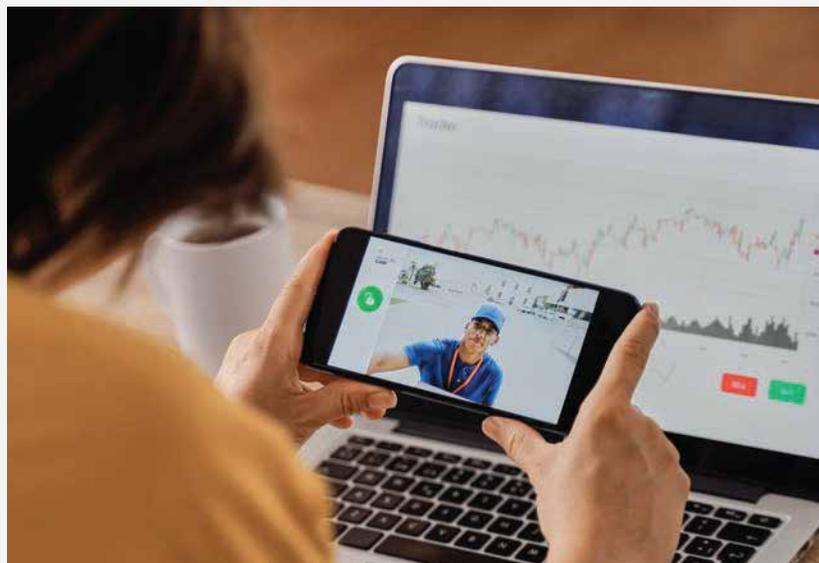


Main door locks with multi-redundancy

-  Security (primary)
-  Convenience (secondary)

Video doorbells for visitor screening

-  Safety (primary)
-  Convenience (secondary)



Break-in & risk prevention with sensors

-  Security (primary)
-  Safety (secondary)

Lighting and curtains/blinds control via lumen sensors

 Energy Saving (primary)

 Convenience (secondary)



Staircase lighting automation

 Safety (primary)

 Energy Saving (secondary)

Perimeter security with motion-sensing cameras & alarms

 Security (primary)

 Safety (secondary)





One-command door locking for independent homes with more than one external door

-  Security (primary)
-  Convenience (secondary)

Domestic staff access control with smart locks

-  Security (primary)
-  Convenience (secondary)



Automated plant watering inside/garden

-  Convenience (primary)
-  Energy Saving (secondary)



Hogar Solutions – Starter Pricing

Apartments (standalone /
gated communities) –
Starter packages

₹2,50,000/-

Luxury Apartments Starter
packages

₹3,50,000/-

Villas in Gated
Communities – Starter
packages

₹5,00,000/-

Independent
Bungalows/Farmhouses –
Starter packages

₹10,00,000/-

*Customised solutions based on site inspection
and homeowner requirements*

Tailored Packages for Residential Developers

Solutions for apartments,
villas, and gated communities.
Customisable packages
aligned to builder
requirements.

A scalable product range
ensures value for home
owners and developers.



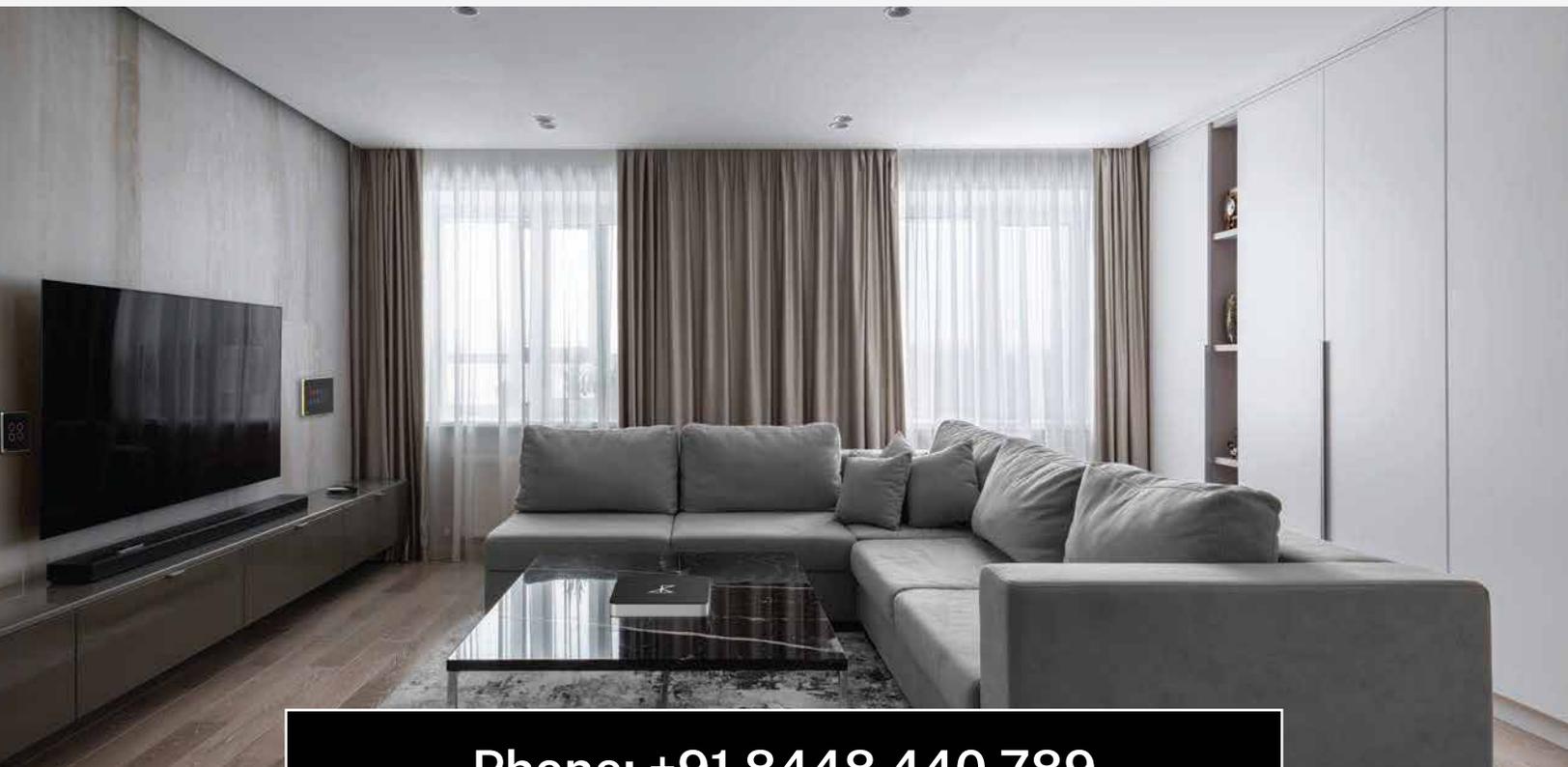
Aftercare & Support

Professional installations & configurations by the Hogar team.

In-house managed warranty and repairs.

Customer support:
Mon–Fri, 10:30 AM – 6:30 PM

Email:
info@hogarcontrols.com



Phone: +91 8448 440 789

Hogar: India's only complete end-to-end home automation solution provider, built for Indian homes.

HOGAR

Live the future

No rewiring.
100% Retrofit.

Z-Wave Powered.
No Wi-Fi drops.

Seamless Installations.
End-to-End Support.

Hogar Controls India Private Limited

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We're present in



Hyderabad



Bangalore



Delhi



Kolkata



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