OLU

BETTER LIVING FOR ALL
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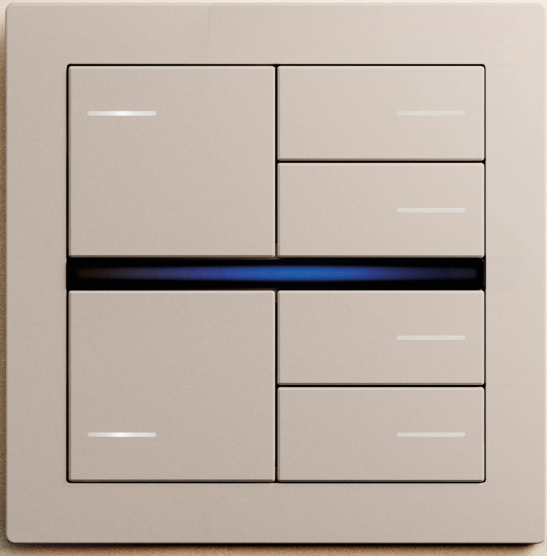
THE NEW RANGE
FOR BUILDING & HOME
EVOLUTION WITH A
SLEEK ITALIAN DESIGN



GERMAN DESIGN AWARD WINNER 2025

reddot winner 2024

eelectron

ABOUT
ABOUT
ABOUT

GERMAN DESIGN AWARD WINNER 2025

reddot winner 2024

Switch 8 buttons
Regular Version, Black

A **VERSATILE PROPOSAL** FOR PROJECTS OF VARYING SCALES, FEATURING EASILY OUTLINED FUNCTIONALITIES.

IT'S EASY TO INSTALL, MARKED BY **NOTABLE ADAPTABILITY,** AND DESIGNED TO SERVE THE USER WITH A TANGIBLE BUILDING AND HOME EVOLUTION.

ABOUT
ABOUT
ABOUT

A DISTINCTIVE STYLE

OL-U stands out thanks to its **ability to adapt** to different scenarios with great ease.

It has its own **style,** but it doesn't impose it. It seamlessly integrates into the environment and enhances its features, managing to **customize** its appearance consistently with what surrounds it.

Reliability translates into simplifying every daily action, allowing for quick and intuitive control of functionalities

TECHNOLOGY AND AESTHETICS

OL-U is the outcome of both **mechanical** and **electronic design,** enabling the expression of an aesthetic with adaptable functionalities over time.

Its **minimal footprint** and **swift installation** embody a design approach that effectively leverages cutting-edge technological solutions.

Switch 4 buttons
Regular Version, White

FLEXIBLE

Multiple configurations allow one to choose from the simplest to the most advanced solution.

COMPATIBLE

They can be installed on multiple standards (2/3 modules boxes, double horizontal/vertical) and in combination with sockets from different brands and with different standards (45, 55, 60 mm).

INTUITIVE

A highly interactive RGB LED bar placed in the centre is programmable with different gestures: from tapping to dimmering to the innovative swipe option.

SIMPLE

Installation and configuration are extremely easy.

ESSENTIAL

The use of space is minimised thanks to the slim design, making a perfect fit on both inside and out of the wall.

VERSATILE

A range of thermostats, switches and multi-sensors enhanced by their finishes and design.

PLUS
PLUS
PLUS

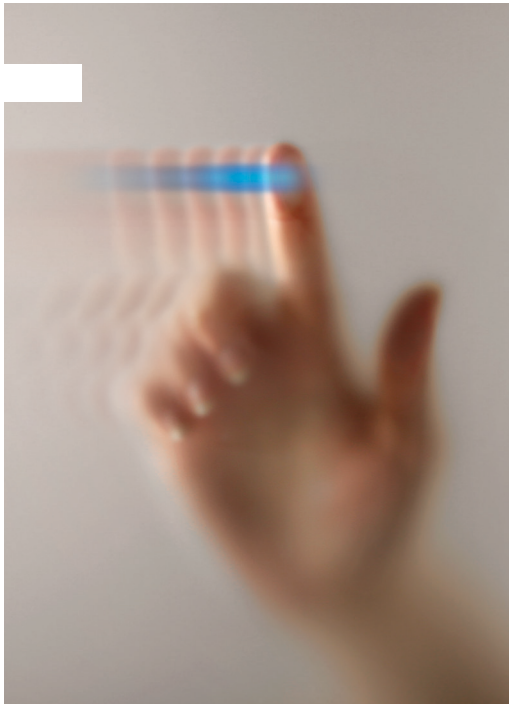
Thermostat 4 buttons
Fenix edition, Ingo Black

MORE THAN

Enhance **environmental control** through **simple, intuitive gestures** and **customizable functions.**

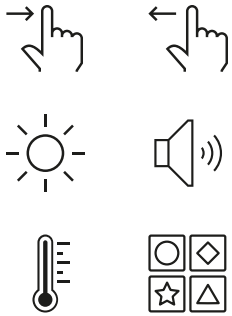
A touch becomes a tap or a double tap, programmable according to individual needs. The central bar serves as a guide for effortless adjustment.

A GESTURE
A GESTURE
A GESTURE



OL-U represents a new interaction with mechanical buttons to regulate progressive functions like **dimmable lighting, temperature, volume, etc.**

These features are controlled through a **unique touch interface,** delivering a clear and straightforward sense of the desired scale.



Thermostat 4 buttons
Metal edition, Champagne Gold

WHY OL-U
WHY OL-U
WHY OL-U

Switch 8 buttons
Metal edition, Silver

TRANSVERSALITY

OL-U is a state-of-the-art product naturally designed for **KNX, the secure and connected international standard.**

Engineered for cross-functional solutions, it can meet a wide range of demands, from private residential to contract applications. All this is made possible through various models, configurations, finishes, materials, installation standards, and sockets.

STYLE

The *Italian design* is always well noted.

Ideation, R&D and production are key elements for distinctive solutions, demonstrating a native distinctive style.

FLEXIBILITY

OL-U can be easily adapted to a variety of projects thanks to the customization features as icons and features.

This enables a solution that can be tailored in wide range of environment and even adaptable over the time.

EASY AND SIMPLE

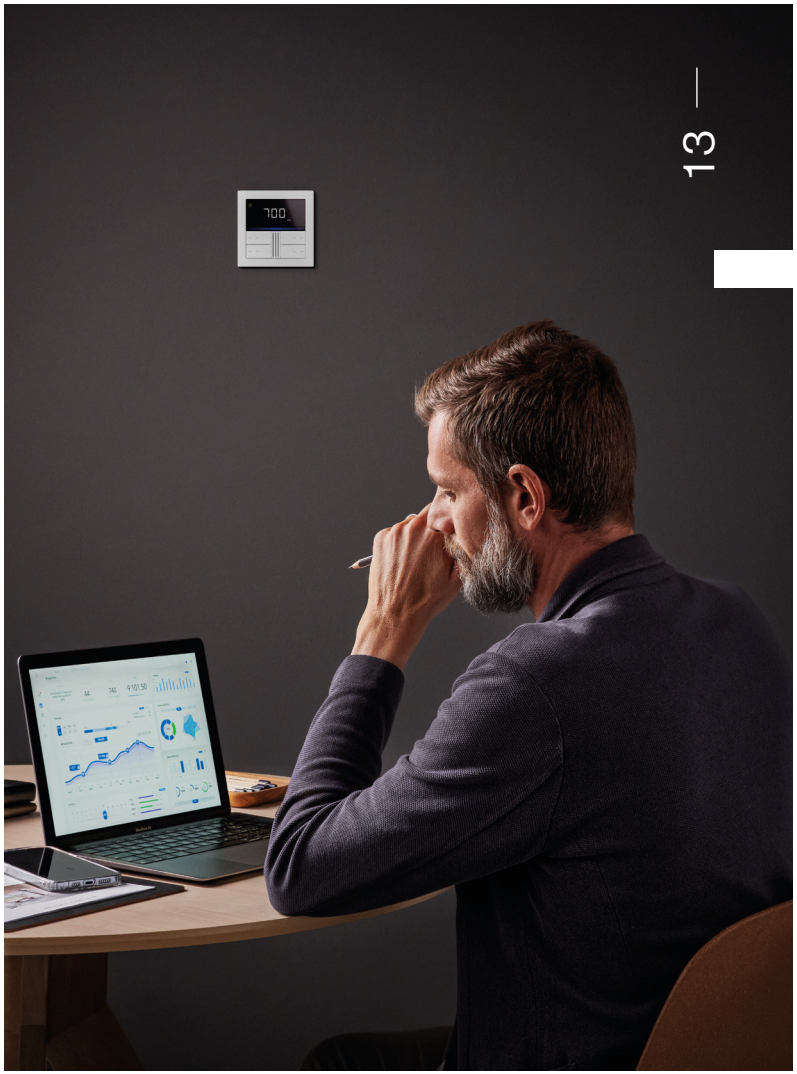
OL-U has been designed having in mind the idea to contribute to simplify a day in life in a building or house. Human centric vision with technology servicing people as occupants, as programmers, as installers each one with the most closest UX.

OL 4 U
OL 4 U
OL 4 U

DESIGN

OL-U is a reliable solution, characterized by a design that easily integrates into pre-defined projects.

Switch 6 buttons
Metal edition,
Champagne Gold



PROJECT

OL-U comes with a line for Building & Home Evolution that is highly adaptable, suitable for large-scale projects, with the assurance of continuous support both in the preparation of production plans and during the project execution and subsequent maintenance.

Multisensor Thermostat, Humidistat, CO_2 sensor
Regular version,
White

Switch 8 buttons
Fenix edition,
Bromo Grey

OL 4 U
OL 4 U
OL 4 U

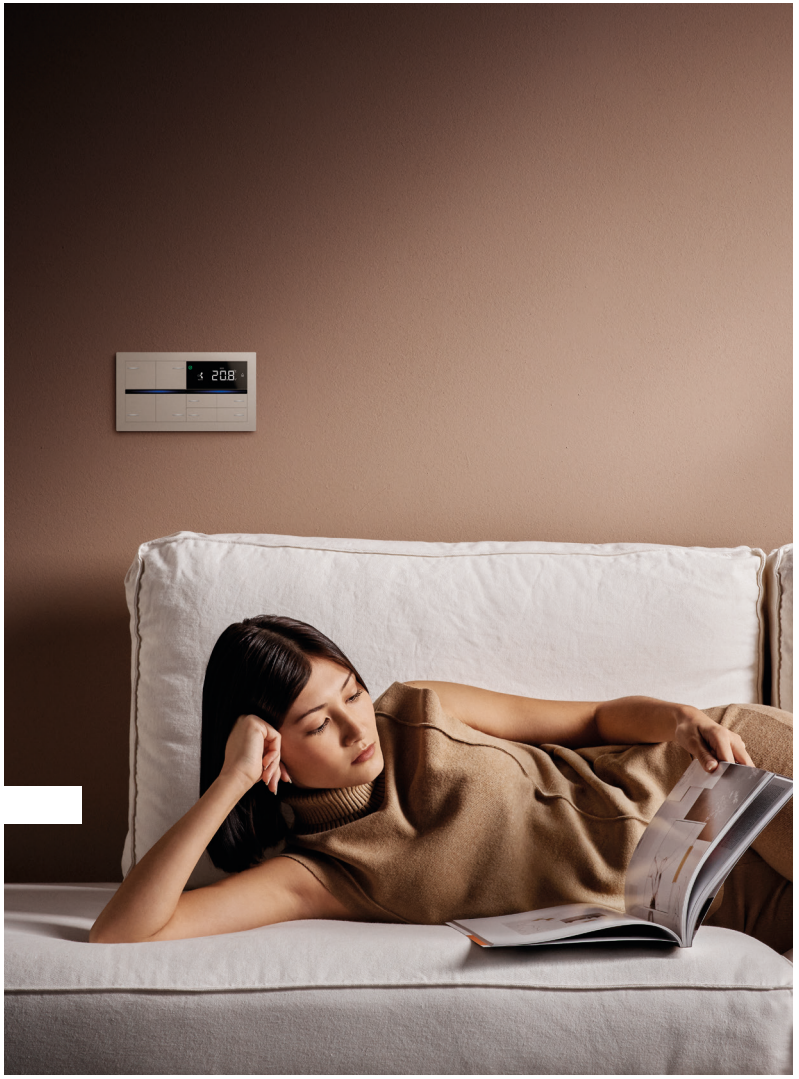
INTEGRATION

OL-U simplifies the design process as a reliable solution with easy installation, adaptability over time, and constant updates on features and product range availability providing various options for the end user.

LIVING

OL-U enhances comfort and quality of well-being for the end user.

Thermostat +
Switch 4 buttons
Fenix edition, Arizona Beige



MULTI-COMFORT
MULTI-COMFORT
MULTI-COMFORT

OL-U redefines the notion of **functionality** by deploying technology where it's essential and in the most **fitting form for each setting,** spanning from hospitals and schools to the HORECA sector, offices, and diverse residential solutions.

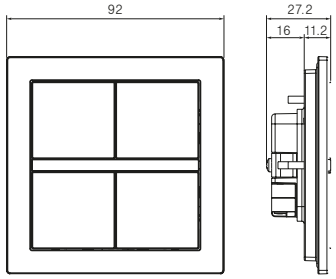
TECHNICAL

Switch 4 buttons
Fenix edition, Arizona Beige
Double Cover Frame
71 x 71 mm + 55 x 55 mm

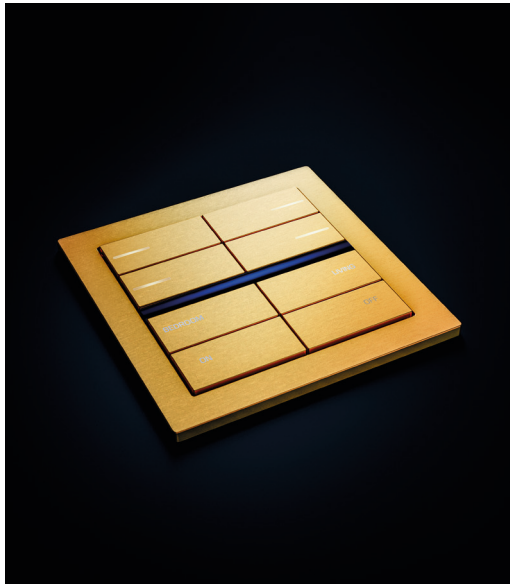
Thermostat + Switch 4 buttons
Fenix edition, Kos White
Double Cover Frame
71 x 71 mm + 71 x 71 mm

Switch 8 buttons
Fenix edition, Ingo Black

DATA
DATA
DATA



1. 4, 6, and 8 mechanical push-button switches
2. Thermostat, Humidistat and CO_2 sensor integrated
3. RGB Signalling LEDs
4. Touch capacitive central RGB bar with gestures and RGB signalling
5. Interchangeable aesthetic frames
6. Customizable buttons with icons and text
7. 32 logical blocks to create simple expressions with logical or threshold operators, as well as complex expressions with conditional algebraic operators, and predefined algorithms
8. The OL-U® KNX® range is available in various colors and can be installed on 2 or 3-module boxes, compatible with international major standards (Italian, German, British, Swiss)
9. The range can be configured via the ETS® application program and can communicate with the **KNX Data Secure** standard
10. All the devices integrate one 2-stage thermostats (two in the thermostat device) for the control of two distinct areas, both with integrated PI controller for piloting heating, cooling, valves, 6-way valves, fan coils 2 and 4 pipes.



Switch 8 buttons
Metal edition, Gold

Switch 4 buttons
Fenix edition, Blu Fes

2 MODULES
CONFIGURATIONS

Switch
4 buttons

Switch
6 buttons
2 Right + 4 Left

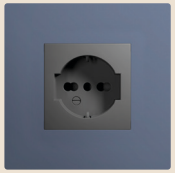
Switch
6 buttons
4 Right + 2 Left

Switch
8 buttons

Thermostat
4 buttons

Thermostat + Humidistat
4 buttons

Multisensor
Thermostat, Humidistat, CO_2 sensor*
4 buttons



Cover Frame**
45 x 45 mm
Compatible with
standard 45 mm
sockets:
4BOX
AVE sistema 44
BTICINO LIVING LIGHT
GEWISS
VIMAR ARKE'
VIMAR PLANA

Cover Frame**
55 x 55 mm
Compatible with
standard 55 mm
sockets:
BERKER S.1/B.3/B.7
GIRA System 55
JUNG serie A/AS
MERTEN System M
SMARTERLIVING BV

Cover Frame**
60 x 60 mm
Compatible with
standard 60 mm sockets:
FELLER EDIZIOdue

* Available only in REGULAR and LITE versions;

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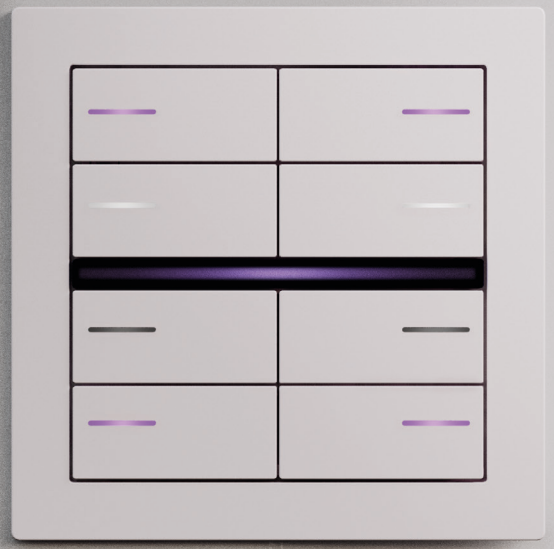


Switch 8 buttons
Fenix edition, Alaska white

3 AND 4 MODULES
CONFIGURATIONS

Switch
4 buttons

Switch
6 buttons
2 Right + 4 Left

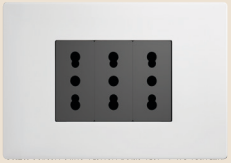
Switch
6 buttons
4 Right + 2 Left

Switch
8 buttons

Thermostat
4 buttons

Thermostat + Humidistat
4 buttons

Multisensor
Thermostat, Humidistat, CO_2 sensor*
4 buttons



Cover Frame**
3 modules
Compatible with:
4BOX
BTICINO LIVING LIGHT
VIMAR ARKE'
VIMAR PLANA

* Available only in REGULAR and LITE versions;

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Switches 4 buttons
Metal edition, Antique Bronze

DOUBLE & TRIPLE PLATES
DEVICES

Double Cover Frame Horizontal
71 x 71 mm + 71 x 71 mm

Double Cover Frame Vertical
71 x 71 mm + 71 x 71 mm

Double Cover Frame
71 x 71 + 45 x 45 mm

Double Cover Frame
71 x 71 + 55 x 55 mm

Double Cover Frame
71 x 71 + 60 x 60 mm

Triple Cover Frame*
71 x 71 + 55 x 55 + 55 x 55 mm

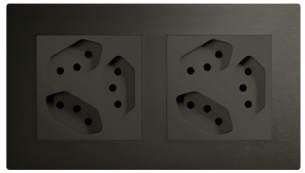
* Available only in Regular Version and Fenix Edition;
Same configurations and pairings as the vertical solutions.

Triple Cover Frame
Regular Version, Black

DOUBLE & TRIPLE PLATES
SOCKETS

Double Cover Frame
4 modules 90 x 45 mm

Double Cover Frame
55 x 55 + 55 x 55 mm



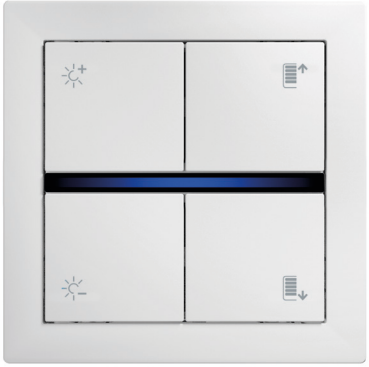
Double Cover Frame
60 x 60 + 60 x 60 mm

Triple Cover Frame*
55 x 55 + 55 x 55 + 55 x 55 mm

* Available only in Regular Version and Fenix Edition.

FINISHES
FINISHES
FINISHES

REGULAR Version



The Regular version features high-quality painted plastic devices, available in two standard colors: white and black. It can be installed on 2 or 3-module boxes and is compatible with major standards (Italian, German, British, Swiss).

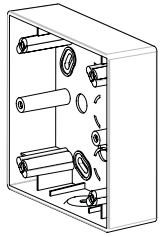
It includes RGB LED indicators on the buttons, which can be customized through laser engraving with text or icons, even in backlit mode. The Regular version is available with either the standard frame or the 71-S, a more compact and minimalist option for a cleaner, more essential aesthetic.

COLORS

White

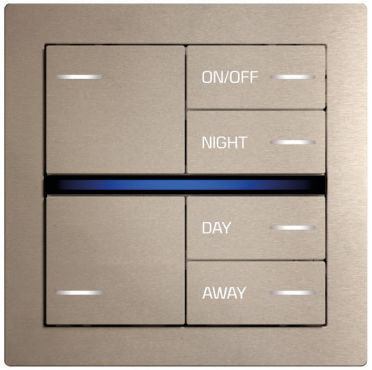
White Helvetia

Black



D17 - D25 surface mounting accessory available for the Regular version.

METAL edition



The Metal Edition offers devices with a sophisticated brushed metal finish, providing a choice of 5 colors: Antique Bronze, Gold, Champagne Gold, Silver and Black.

It can be installed on 2 or 3-module boxes and is compatible with major standards (Italian, German, British, Swiss).
It includes RGB LED indicators on the buttons, which can be customized through laser engraving with text or icons.

COLORS

Antique Bronze

Gold

Champagne Gold

Silver

Black

FENIX® edition

Low light reflectivity, extremely matt surface

Soft touch

Thermal healing of superficial micro-scratches

Anti-fingerprint

The FENIX Edition features devices with buttons and plates made of Fenix™, available in 6 colors: Kos White and Alaska White, Arizona Beige, Fes Blue, Bromo Grey and Ingo Black.

It can be installed on 2 or 3-module boxes and is compatible with major standards (Italian, German, British, Swiss).
It includes RGB LED indicators on the buttons, which can be customized through laser engraving with text or icons.

COLORS

Kos White

Alaska White

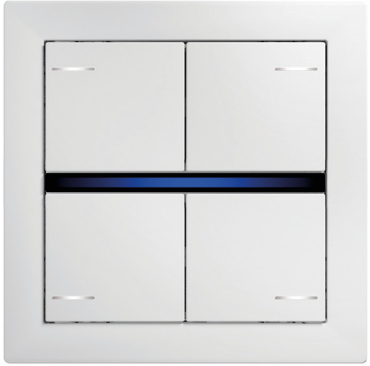
Arizona Beige

Fes Blue

Bromo Grey

Ingo Black

LITE Version



The LITE version features high-quality plastic devices, available in two colors: white and black.
It can be installed on 2 or 3-module boxes and is compatible with the major standards (Italian, German, British, Swiss).

Available exclusively in pre-assembled 4 or 8-button kits, it includes a central RGB bar (non-capacitive, no gestures) and white LEDs on the buttons.

COLORS

White

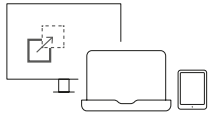
Black

CONFIGURATOR PORTAL & CUSTOMIZATION SERVICES

The KNX OL-U line offers a wide range of customization possibilities, allowing users to tailor the devices to their specific needs.

Our **in-house customization** service ensures maximum precision and quality throughout the process. Additionally, through our intuitive **customization portal,** users can independently choose the customization of device buttons through laser engravings for text and icons.

An innovative approach that allows for total flexibility in creating tailor-made user interfaces, both in terms of aesthetic design and functionality. This includes increased adaptability to different contexts, ease of function identification, and a distinctive touch that reflects the uniqueness of each project.



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CUSTOMIZATIONS
CUSTOMIZATIONS
CUSTOMIZATIONS

Visit **eelectron.com** to explore our portfolio of products, application and solutions.

For 30 years, we have been developing electronic devices and applications using the KNX protocol, now Secure, for building & home automation. Over time, we’ve incorporated DALI, BLE, and MQTT as facilitators for digital applications.

Our focus lies in crafting building & home automation solutions and intelligent systems geared towards energy savings, with a strong emphasis on design, technology, and enhancing comfort and control over electrical resources.

Research, development, design, and production are entirely carried out in Italy. Our commitment to a high standard of quality is detectable in our extensive range of products spanning residential, hotel, and building sectors. We have a presence in the Middle East, China, Southeast Asia, and Europe, and distribute our products to more than 90 countries globally.

To date, Eelectron devices have been installed in over 39.000 hotel rooms as well in prestigious villas, and large residential and commercial sites worldwide.

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OL-R00-07-2026-EN