

Enertex® MeTa² KNX

The evolution of the multilevel room controller

A technical highlight
in perfect design and
superb craftsmanship.



Discover technical brilliance in elegant design with the Enertex® MeTa² KNX room controller.

This controller uniquely combines functionality and aesthetics. Experience the tactile "click" of the rockers, which not only provide mechanical feedback but also impress with their electronic labeling.

The speciality:
Each rocker can be multiplexed to ten different functions. Therefore the user can configure ten pages. The active function is clear at any time because of its labeling. Each of the pages is changed with the separate menu rocker at the bottom of the room controller.

Quality made in Germany

Available color options:

- brushed aluminium
- matte black anodized aluminium
- glossy white powder coated aluminium
- shiny gold plated brass



enertexbayern gmbh
simulation entwicklung consulting

enertex[®] MeTa² KNX

- KNX room controller for precise temperature control and sensor with mechanical rockers
- Front made of high-quality solid aluminum
- High-resolution rocker displays with aging-resistant color TFT (IPS) technology and 0.1 mm resolution (480x60 pixels)
- Two-stage room temperature control with individual setpoints for heating and cooling
- Control of up to four controller extensions
- Control of up to four split units
- Integrated three-stage fan control (fan coil actuator)
- 32 channels for switching, dimming, colored light control, tunable white control, blind control, value transmitter, scene recall and multimedia control, each with up to three sub-functions
- Built-in temperature and humidity sensor
- Integrated light sensor
- Motion detection by radar-based motion detector with a range of up to 3 m in 3 zones
- Alarm function with six configurable alarms (audible and/or visual)
- Output of three different signal tones in two volumes
- Support for up to eight logic functions
- Message function for recording and displaying up to 32 KNX events such as door contact openers
- Approx. 310 different icons, free choice of colors for texts and icons
- Integrated fonts for Western European and Eastern European languages, as well as for Cyrillic, Greek, Hebrew, Arabic
- Separate menu rocker (MeTa) for switching between up to ten operating pages
- Two external binary inputs, can optionally be used as an input for a remote temperature sensor (e.g. Albrecht Jung item no.: FF NTC)
- Integrated bus coupling unit for power supply via the KNX bus (no additional power supply required)
- Compatible with standard flush-mounted boxes

Specifications of variation Premium:

- Four electronically inscribable, mechanical rocker switches enable up to 80 individual switching functions
- Additional large display in age-resistant color TFT (IPS) technology offers an impressive resolution of 0.1 mm
- Visualization of PV generation, consumption, wallbox and battery storage directly on the display
- Visualization of weather forecasts (external KNX-capable server required, e.g. Enertex[®] EibPC²)
- Three-line freely parameterizable info display for versatile applications, such as multimedia displays or general messages.
- Large-format display of time, date, temperatures, etc.
- Dimensions: 90 x 161 x 14,6 mm

Specifications of variation Standard:

- Two electronically inscribable, mechanical rocker switches with max. 40 switching functions
- Dimensions: 90 x 90 x 14,6 mm

Features

The Enertex[®] MeTa² KNX room controller gibt es in zwei Varianten:

- **Premium** 1 large display, 4 rockers with independent displays, plus an additional menu rocker for change of pages
- **Standard** 2 rockers with independent displays, plus an additional menu rocker for change of pages

The housing, featuring a high-quality full aluminum front, combines a high-resolution rocker display with age-resistant color TFT (IPS) technology. The black background of the displays is seamlessly integrated into the rockers' panes.

The displays show both the rocker actions to be executed and their feedback, as well as additional information as alarms and notifications.

The integrated room controller offers precise two-stage room temperature control with individual set-points for heating and cooling. It controls up to four controller extensions and four split units.

Additional features include an integrated three-stage fan control, temperature and humidity sensor, light sensor, and a radar-based motion detector with a range of about three meters, divided into three zones.

The controller features alarm functions (6 acoustic and/or optical signals). Additionally, the room controller supports up to 32 channels, each with up to three functions, including switching, dimming, color light control, multimedia control, etc., as well as four controller extensions and split unit stations. Each of the functions can be assigned to a pair of rockers or individual buttons.

With more than 310 different icons, free color selection for texts and icons, as well as fonts for various languages, the room controller offers high customizability. The separate menu rocker allows easy and quick switching between up to ten freely configurable pages.



Two additional inputs provide flexibility: Connect a JUNG button in the stylish Enertex[®] AluRa[®] frame, or use these optionally as remote sensor inputs or window contact inputs.

The Enertex[®] MeTa² KNX room controller offers brilliant elegance with high-quality aluminum front, modern displays, and the operational comfort of classic rocker switches.

With its well-designed application, it brings innovation to the smart home. Discover the endless possibilities this advanced room controller offers and experience operational comfort at a new level.



Enertex[®] AluRa[®] frames are available as a one, two or three unit.

These are available, matching the Enertex[®] MeTa² program in the three design variants – brushed aluminum, matt black anodized aluminum and glossy white powder-coated aluminum (RAL9010).

*Errors and technical changes reserved.
Figures and photos may vary.



www.enertex.de
info@enertex.de



Enertex[®] Bayern GmbH - Ebermannstädter Straße 8 - 91301 Forchheim
Telefon +49 9191 73395-0 - www.enertex.de - mail@enertex.de