

ComBridge HCC

Order. Nr.: 3622-141-11

General Usage

The ComBridge Home Control Center allows to control and monitor KNX systems via Webbrowser.

In addition powerful application modules can be used.

- Parameterization of an EIB/KNX installation with ETS 3/4
- simple Visualization with up to 250 Objects
- free graphical visualization
- graphical Web-Editor to design the Visualization Pages
- graphical Web-Editor to design the additional application modules:
 - Logic
 - Scenes
 - Schedules
 - Alarm
 - E-Mail

In addition, an object server connection is supported for communication with the ComBridge Studio Evolution visualization. This connection can be made and sustained parallel to an ETS tunnel connection. In this way the visualisation will not be disconnected during ETS programming.

The device is delivered with a default IP setting.

Delivery status:

IP-Adresse: 192.168.1.133

Subnet Mask: 255.255.255.0

Demo-Project: <http://192.168.1.133>



Device types and accessories

At present the following device types are available:

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Scope of delivery

The following components come together with the ComBridge HCC:

Compleat unit with connected Bus connection (KNX, black/red) and Bus connection (24 V supply, white/yellow),
Operating and mounting instructions

Application programs

The following application programs are currently available:

3622-HomeControl-01-0110; for application program functions, please see the application pogramm description

Installation advice

- The device must only be installed and commissioned by an accredited electrical engineer!
- The prevailing safety rules must be heeded.
- The device is intended for interior installation in dry rooms.
- During the installation the device must be switched off.
- Do not open the device! Faulty devices must be returned to the manufacturer.
- Please follow country-specific safety and accident prevention rules as well as all current KNX guidelines.

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Technical Specifications

Power Supply

- 24 V DC
- In addition via **KNX** bus, SELV 24V

Control elements

- Programming Button to toggle between normal and addressing mode

Display elements

- LED red: Indicates normal/addressing mode
- LNK-LED yellow: Signals device Ethernet readiness
- ERR-LED red: Signals fault status

Connectors

- Bus connector: **KNX** bus connector (black/red)
- 24 VDC connector (white/yellow)
- Ethernet: RJ-45 plug

Ethernet

- IP-connection via Ethernet, speed 100 Mbit / second
- IP address allocation via DHCP service or fixed IP address

Mechanical data

- Plastic ABS – V0
- Dimensions REG casing 4TE:
 - Width: 72mm
 - Height: 55mm
 - Length: 86mm
- Weight: 150 g
- Mounting: 35mm DIN rail

Electrical safety

- Pollution class (in accordance with EN60664-1): 2
- Protection type (in accordance with EN 60529): IP20
- Protection class (according to IEC 1140) I
- Overvoltage category: III
- KNX Bus: Separated extra-low voltage SELV DC 24 V

EMC requirements

Complies with EN 50090-2-2 and EN 61000-6-2:2005, EN 61000-6-3:2007

Environmental conditions

- Weather resistance: EN 50090-2-2,
- Environmental conditions during operation: -5°C to +45°C
- Storage temperature: -25°C to +70°C
- Rel. humidity (non condensing): 5 % to 93 %

Approbation

EIB/KNX registered

CE-Mark

According to EMC-Guidelines (Residential and commercial buildings), Low Voltage guidelines

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Location and function of the display and control elements

The device connectors as well as the programming button and programming LED that are required for commissioning are only accessible in the distribution box when the cover is removed.

- A1: DC 24 V bus connector terminal (white-yellow)
- A2: KNX bus connector terminal (black-red)
- A3: Ethernet RJ45 socket
- A4: KNX programming LED
- A5: KNX learning button
- A10: Error LED
- A11: Ethernet Activity+Communication LED

