

**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 3/4/5
- simple Visualization with up to 250 Objects and/or 1000 group addresses
- free graphical visualization
- Smart Phone Visualisation
- graphical Editor to design the Visualization Pages
- graphical Editor to design the additional application modules:
  - Logic
  - Scenes
  - Schedules
  - Alarm
  - E-Mail
  - Audio and LightControl Interface

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 individual components are included in the delivery of the ComBridge HCC:

- Complete device with mounted KNX bus connector and mounted connector for supply voltage
- 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

- 12-24 V DC/AC
- 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) III
- 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 certified

### CE-Mark

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

## 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: AC/DC 12-24 V bus connector terminal (yellow-white)
- 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

