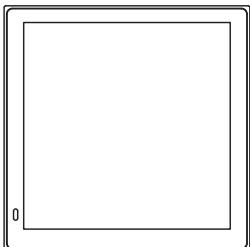




Quick Start Guide

Eclipse Room Controller



CR-ECP-04-KNX-XXX

Package Contents

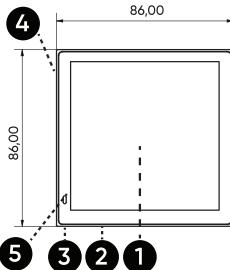
- Core Eclipse Room Controller
- Metal Mounting Support
- Screws
- Connectors

Core Bina Otomasyon Sistemleri Ltd. Şti.
Fatih Mahallesi Ege Caddesi No:42/5
Gaziemir - İzmir - Türkiye

www.core.com.tr

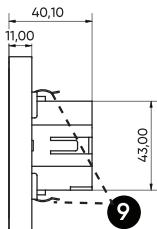


Components

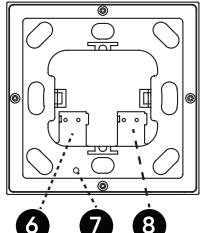


1. HD Display
2. Position of CO₂ Sensor
3. Position of Temperature and Humidity Sensor
4. SD Card Slot
5. Proximity sensor

6. Power Connector (12V-30V)
7. KNX Programming Button
8. KNX Connector



9. Mounting Clips



CONCEPT DESCRIPTION

Processor: Arm Cortex-A7 900MHz
512 MB DDR3 RAM
Embedded Linux Operating System

Display: IPS TFT
4" - 720px X 720px
400 cd/m²
HD Display

Sensors: Temperature & Humidity
CO₂
Proximity & Light

Dimensions: 86mm X 86mm X 11mm

Casing Material: Aluminium, Brass and Stainless Steel depending on the finish selection

Power: 12- 30 VDC - via KNX Auxiliary Power Supply or separate PS

Consumption: < 70 mA from KNX Auxiliary Power Supply
< 5 mA from KNX Bus-line

Connectivity: KNX-TP

Programming Tool: ETS

KNX Figures: Max. Page: 12
Max. Control Element: 64

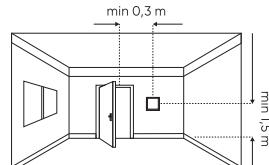
Installation: German IEC/EN 60670 In wall Box

Safety Remarks



Warnings

- Installation, electrical connection, configuration and commissioning of the device can only be carried out by qualified personnel in compliance with the applicable technical standards and laws of the respective countries. directives, for which the device has been certified, is no longer guaranteed.
- To clean use a dry cloth. It must be avoided the use of solvents or other aggressive substances.
- Contact with fluids to the plate and socket is to be avoided.
- The device can not be installed close to the heat sources such as radiators or house hold appliances or in position subjected to direct sunlight.
- Do not connect to main voltage (230V AC) to power connector and KNX connector of the device.
- Opening the housing of the device causes the immediate end of warranty period.
- In case of tampering, the compliance with the essential requirements of the applicable



Mounting

core

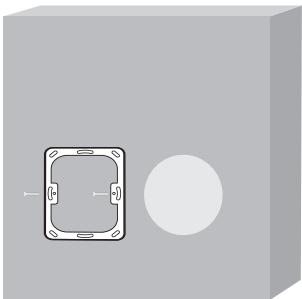
Mounting

core

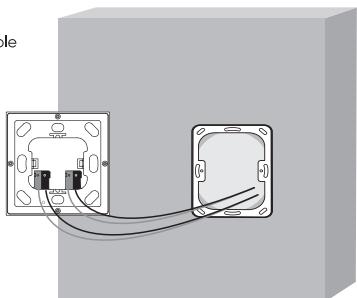
1. Mount the metal mounting support.
(Included in the box.)

 Use screws included
in the box (M3x15 mm)

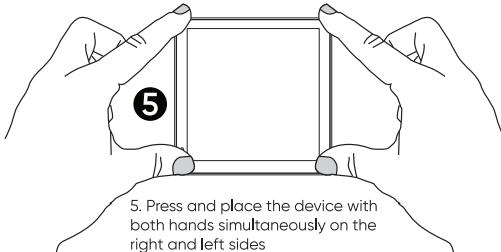
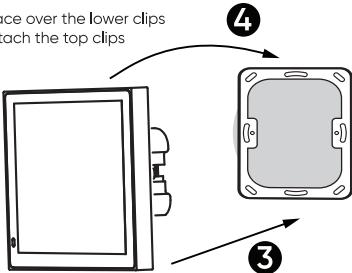
 Do not overtighten
the screw



2. Connect power cable and KNX cable to the device. Check that polarity is correct.

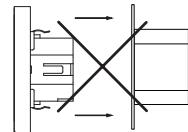


3. Place over the lower clips
4. Attach the top clips



5. Press and place the device with both hands simultaneously on the right and left sides

 Pushing the device
straight into the clips
might damage



Commissioning

core

core

- Configuration and commissioning of the device require the use of the ETS4 or later releases. These activities must be carried out according to the design of the building automation system done by a qualified planner.

- For the configuration of the device parameters the corresponding application program or the whole Core product database must be loaded in the ETS program. For detailed information on configuration options, refer to the application manual of the device available on the website www.core.com.tr

- For commissioning the device the following activities are required

- make the electrical connections as described above,
- turn on the bus power supply,
- switch the device operation to the programming mode
- alternatively, instead of using programming button, it is possible to switch operation of the device to programming mode on settings menu by activating knx programming.
- download into the device the physical address and the configuration with the ETS program.

- At the end of the download the operation of the device returns to normal mode

- Now the bus device is programmed and ready to use

Core Bina Otomasyon Sistemleri Ltd. Şti.
Fatih Mahallesi Ege Caddesi No:42/5
Gaziemir – Izmir – Türkiye

Installation Programming
Manual Manual

www.core.com.tr

