core

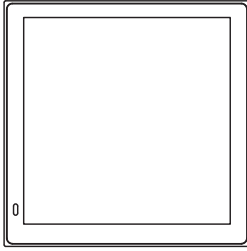## Quick Start Guide
Eclipse Room Controller

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

Installation   Programming Manual

www.core.com.tr   KNX CE ♻ RoHS COMPLIANT

| 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 CO_2 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

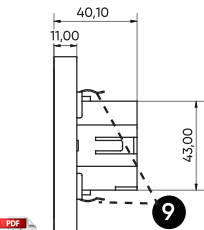---

Components   core
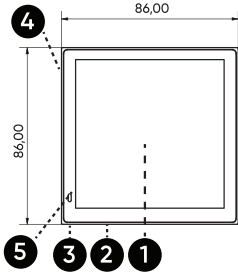
1. HD Display
2. Position of CO_2 Sensor
3. Position of Temperature and Humidity Sensor
4. SD Card Slot
5. Proximity sensor
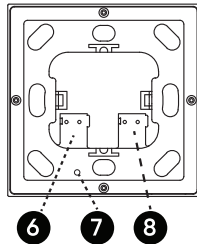
6. Power Connector (12V-30V)
7. KNX Programming Button
8. KNX Connector

9. Mounting Clips

Safety Remarks   core

Warnings

• Installation, electrical connection, configuration and comissioning of the device can only be carried out by qualified personnel in compliance with the applicable technical standarts and laws of the respective countries.

• The electrical connection of the device can only be carried out by qualified personnel. The incorrect installation may result in electric shock or fire. Before making the ellectrical connections, make sure the power supply has been turned off.

• 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 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.
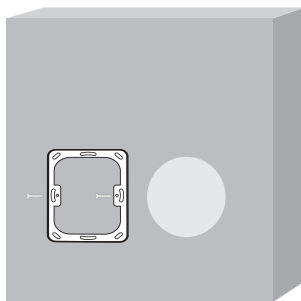
• The device has to be installed preferably on an internal wall at the height of 1,5m and at least 0,3m far from doors.
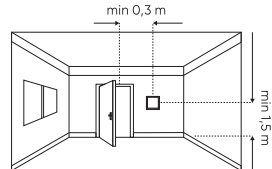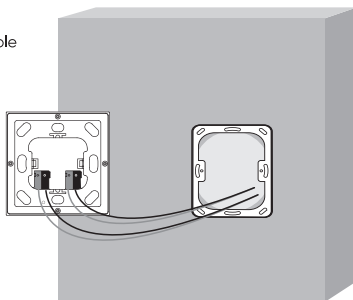
1. Mount the metal mounting support. (Included in the box.)
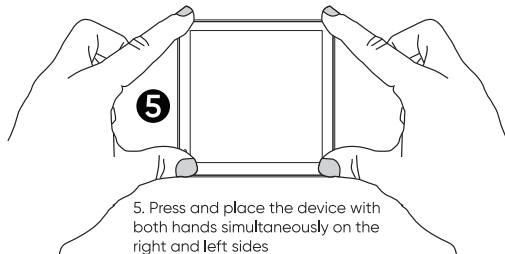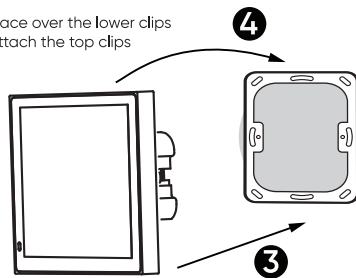
⚠️ Use screws included in the box (M3x15 mm)

⚠️ Do not overtighten the screw

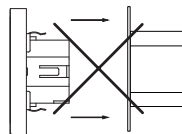2. Connect power cable and KNX cable to the device. Check that polarity is correct.

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

④

③

⑤

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

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KNX CE ♻ RoHS