

Parameters

Electrical Parameters	
Product name	M/P01.2-A Panel 1Rocker Controller M/P02.2-A Panel 2Rocker Controller M/P03.2-A Panel 3Rocker Controller M/P04.2-A Panel 4Rocker Controller
Working Voltage (from HDL-M/PCI.1/3)	21~30V DC
Bus interface	KNX/EIB
Static current	< 15mA
KNX Bus terminal	(Red/Grey)0.6-0.8mm single core cable
Environmental Conditions	
Working temperature	-5°C~45°C
Working relative Humidity	Up to 90%
Storage temperature	-20°C~+60°C
Storage relative humidity	Up to 93%
Approved	
CE, RoHS	
KNX	
Product information	
Dimensions	H86 x W86x D10.5(mm)(EU) H86x W116x D10.5(mm)(US)
Net weight	106.8g (EU) 129.7g (US)
Housing material	Glass, Plastics, Spray paint
Protection rating	IP 20

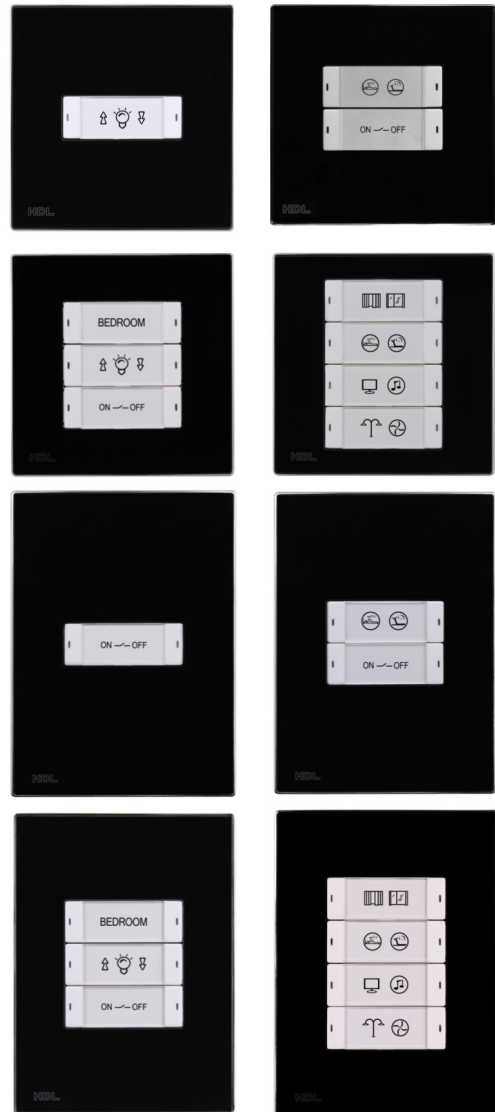
Important Notes

- It must work with Power Coupler Interface (be installed in wall-box).
- **Special Programming** – This device is designed for professional KNX installation. It can only be programmed by ETS software.
- **Cable Connections** – Do not get wrong connection for Black and Red wires.
- **Mounting Location** –When installed outdoors, pay attention to waterproof.
- **Voltage** - The input of voltage must be between 21-30V DC.

Safety Precautions

- Installation-Wall box.
- KNX TP1 bus is SELV and they must be isolated and segregated from mains.
- Do not get wrong connection on positive and negative for the bus cable.
- Do not let liquids and corrosive gases come into contact with the module, it will damage this devices.
- Do not get AC voltage into Bus wire , it will damage all of device
- Ensure good ventilation.

Overview

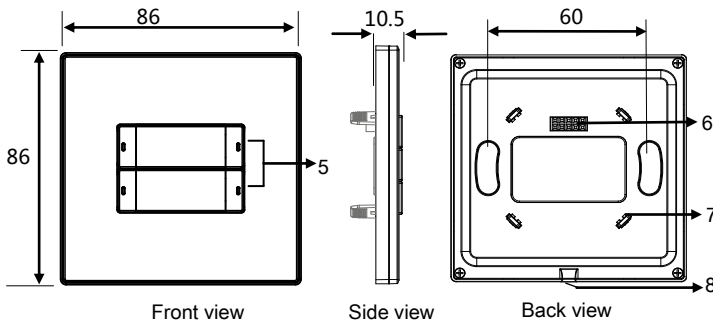
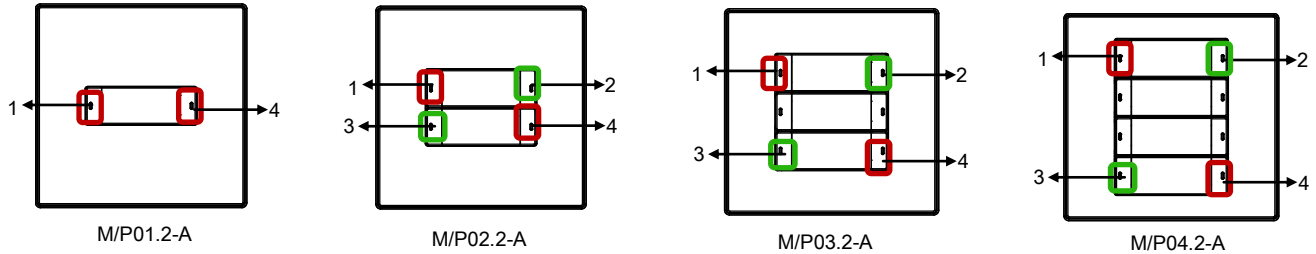


HDL KNX / EIB M/P01.2-A, M/P02.2-A, M/P03.2-A, M/P04.2-A, multifunction Panel controller include many kind of data point, can be used for many applications like lighting dimming, switch, curtain etc..

Functions

- Each rocker has 2 work modes: Combined button mode and independent button mode.
- Each rocker has backlight and LED indicator.
- It supports kinds of data point and function, include Switch control, Dimming, Shutter control, Flexible control, Scene control, Sequence control, Percentage control, Threshold control, Combination control, String(14bytes) controller, Button Lock, Button Trigger.
- Keep pressing the first and last button together for 2 seconds, the LED Indicators will flashing and the device enter programming mode.
- User can define button icon.
- Selectable plate and frame.

Layout and Wiring (Take EU as an example)



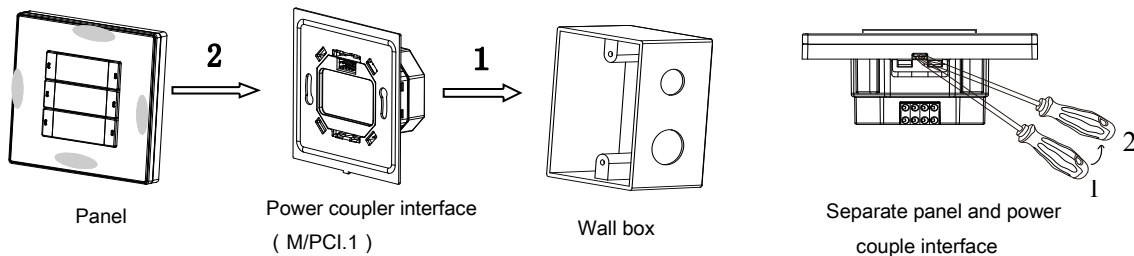
Note: US panel's dimensions are:H86x W116x D10.5(mm)

Programming: Keep pressing 1 and 4 buttons for 2s, will enter programming mode.

Lock or unlock: keep pressing 2 and 3 buttons together for 2s, will lock or unlock the panel.

- 5 Control button
- 6 Signal interface: Connect to power coupler interface.
- 7 Fastener
- 8 Split gap: Insert a slotted screwdriver to the split gap, separate the panel and power coupler interface.

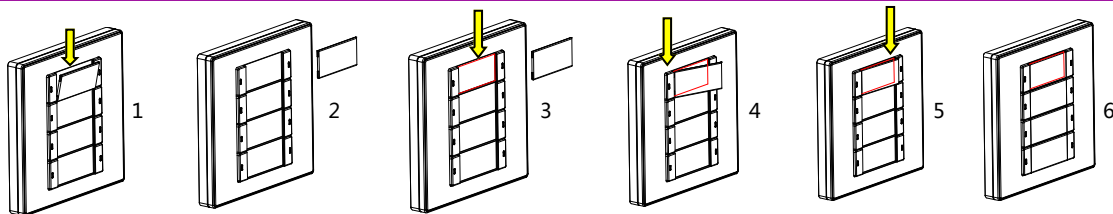
Installation



Installation: Hold the edge of panel, (shown as above), insert the power interface module vertically. Do not push the panel too hard.

Split: Insert a 2.5mm-screwdriver to the split gap, pry up position 1 to 2, then the wiring hole will open. Then separate the panel and power couple interface (M/PCI.1).

Change the button labels (As below shows)



1. Open the plastic (shown as picture)
2. Remove it (take out the label if it is inside)
3. Put the new label in the middle place
4. Put one side of plastic to the button
5. Press the other side of plastic to the button
6. Finish to change the button label

Notes: Label dimension is 31.5mmX14.5mm, user can use same way to change each button label.

Package Contents

Device *1 / Datasheet *1 / Button label *2n (n is buttons number)