

Parameters

Electric Parameters (from HDL-MPPI.48):	
BUS Power Supply	DC12-30V
BUS Power consumption (from HDL-MPPI.48)	20mA/DC24V
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	
Production Information:	
Dimensions	86×86×10.5 (mm)
Weight	MP01R.48: 76g MP02R.48:77g MP03R.48: 76.5g MP04R.48:77g
Housing material	Glass/Aluminum, ABS, PC
Installation	EU wall box
Protection	IP20

Important Notes

- It must work in conjunction with HDL-MPPI.48 .
- **Real product may be different from pictures on the right.**
- IR receiver function—only available for customized touch panel with IR receiving hole.
- The cover can be replaced with another cover by user.
- Bus cable—HDL Buspro/KNX cable, 0.8mm single-core copper cable.
- Bus Connection—Series connection (hand-in-hand).
- Installation—EU wall box.

Installation Step

- Connect bus cables. Make sure the color of wire complies with the definition.
- Make sure the Bus cable type is correct and has no short circuit.
- Mount the HDL-MPPI.48 in the wall-box.
- Put this device into HDL-MPPI.48.

HDL Buspro Definition for Cable

HDL Buspro	HDL Buspro/KNX
DC24V	Red
COM	Black
DATA-	White
DATA+	Yellow

Overview



HDL-MP01R.48



HDL-MP02R.48



HDL-MP03R.48



HDL-MP04R.48

Multi-function control panel. It has 1/2/3/4 control buttons, embedded with RGB LED backlight for each button, the color of each switch state is available for the button via setting in HDL Buspro configuration tools software.

Functions

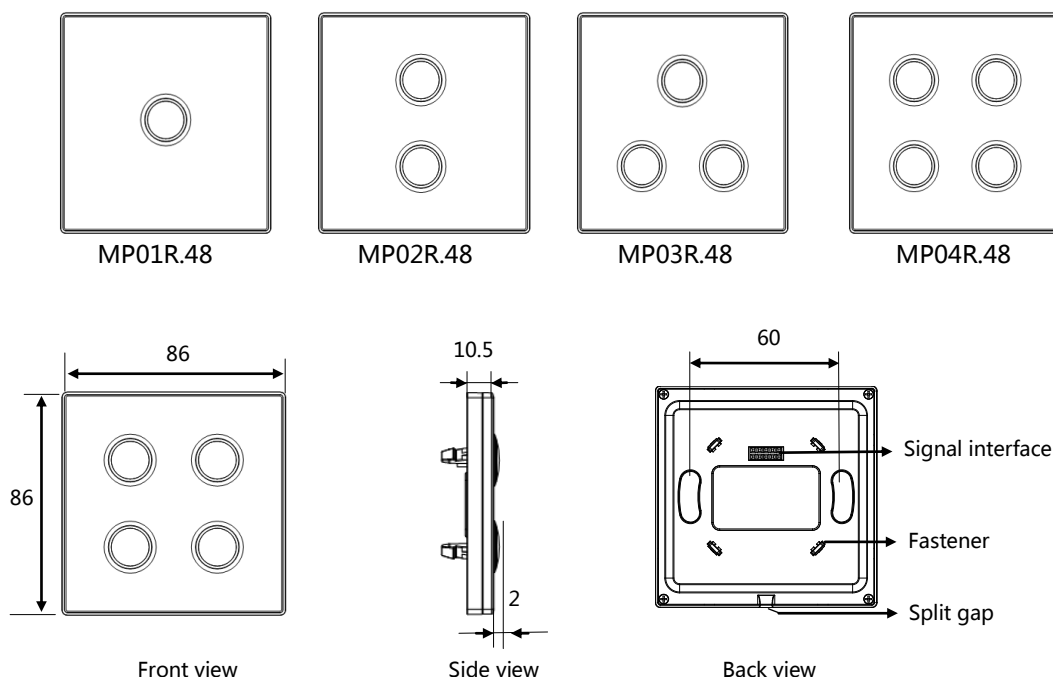
- Multi Key Mode: Single on-off, Single on, Single off, Combination on, Combination off, Combination on-off, Double click/single on-off, Double click/combination on-off, Short/long press, Momentary, Short press/long momentary
- Multi Key control Type: Scene, Sequence, Timer switch, Universal switch, Single channel on-off, Broadcast scene, Broadcast channel, Curtain, GPRS control, Panel control, Alarm control, Music play, Universal control, etc.
- Adjustable backlight color and intensity
- Built-in IR receiver function
- Supports firmware upgrading from HDL Buspro

Safety attention



- The screw down strength should not exceed 0.1Nm
- Mounting position: indoor
- Do not make wrong connection on Bus interface, it will damage the Bus interface of this module
- Never let liquids get into the module, it will damage this device
- Do not get AC power into Bus wire, it will damage all devices in the system

Dimensions and Wiring



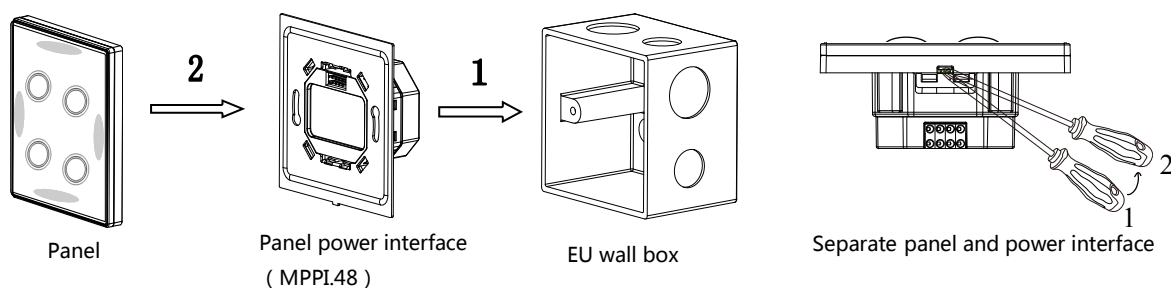
Functions of push button: On/off, dimming

Address modification: Keep pressing any button for 15s, the backlight of all buttons will flash, the address of this device can be changed on HDL-Bus software: Submenu "address management→address modify"

Signal interface and fastener: Connect to panel power interface (MPPI.48).

Split gap: Insert slotted screwdriver to the split gap, separate the panel and power module (MPPI.48).

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 from position 1 to 2, then the wiring hole will open. Then separate the panel and MPPI.48.

Glass plate replacement: Insert a small size slotted screwdriver into the gap in the left side or right side of the glass cover (shown as above), to pick up the glass cover, then put the new cover in right place, and press the grey area to lock the cover.