

Parameters

Electrical Parameters (from HDL-MPLPI.46-A):	
Power Supply	DC12-30V
Power consumption (from HDL-MPLPI.46-A)	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	
Product Information:	
Dimensions	86×116.5×10.5 (mm) (Normal) 96×126.5×10.5 (mm) (XL)
Net weight	132.6g (Normal) 163.4g (XL)
Housing material	Glass, PC, ABS, Aluminum
Installation	US wall box
Protection rating	IP20

Important Notes

- It must work in conjunction with HDL-MPLPI.46-A.
- Real product may be different from pictures on the right.**
- Touch performance – touch panel sensitivity need to be readjusted after installation.
- IR receiver function – only available for customized touch panel with IR receiving hole.
- The cover can be replaced by the user .
- Buspro cable - HDL Buspro/KNX cable, 0.8mm single-core copper cable.
- BusproConnection - Series connection (hand-in-hand).
- Installation - US wall box.

Installation Steps

- Connect bus cables. Make sure the color of wire complies with the definition
- Make sure the Buspro cable type is correct and has no short circuit
- Mount the HDL-MPLPI.46-A in the wall-box
- Put this device into HDL-MPLPI.46-A

Overview



HDL-MPT2.46-A HDL-MPT4.46-A HDL-MPT6.46-A

Multi-function control panel, embedded with RGB LED backlight for each touch button, any color is available for the button via setting in HDL Buspro configuration tools software.

Functions

- Key Mode: Single on/off, Single on, Single off, Combination on, Combination off, Combination on/off, Short/long press, Momentary, Short press/long press..
- Key Control Type: Scene, Sequence, Timer, Universal Switch, Single Channel Control, Broadcast Scene, Broadcast Channel, Curtain Control, GPRS Control, Panel Control, Security Module, Music Play, Universal Control, etc.
- Built-in IR receiver, need to replace a plate with an IR receiving hole to enable the IR remote control function.
- Test bus voltage function
- Adjustable backlight color and intensity .
- Support HDLBuspro online upgrading.
- Customized image for touch panel.

Safety Precautions



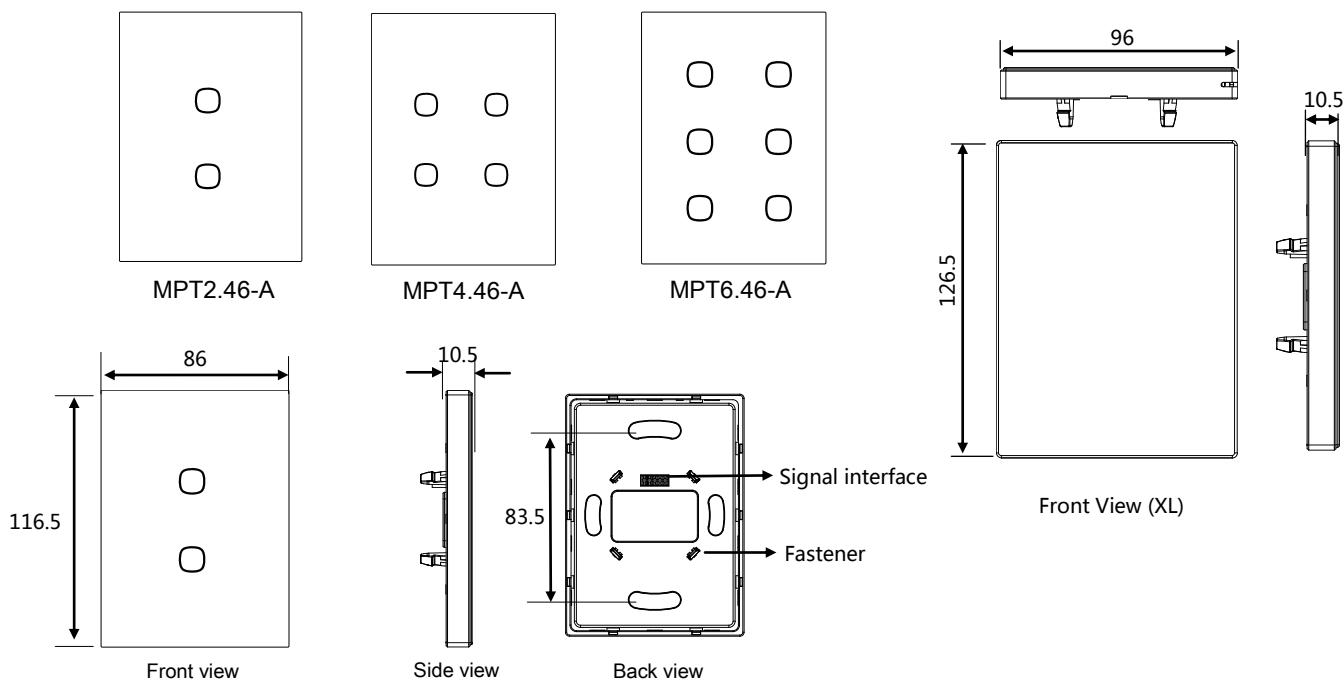
- The screw down strength should not exceed 0.1Nm
- Mounting position: indoor
- Do not make wrong connection on Buspro interface, it will damage the Buspro interface of this module
- Never let liquids get into the module, it will damage this device
- Do not get AC power into Bus wire , it will damage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

HDL Buspro Cable Guide

CAT5/CAT5E	HDL Buspro	HDLBuspro/KNX
Brown/ Orange	DC24V	Red
Brown white/ Orange white	COM	Black
Blue white/Green white	DATA-	White
Blue/ Green	DATA+	Yellow



Dimensions

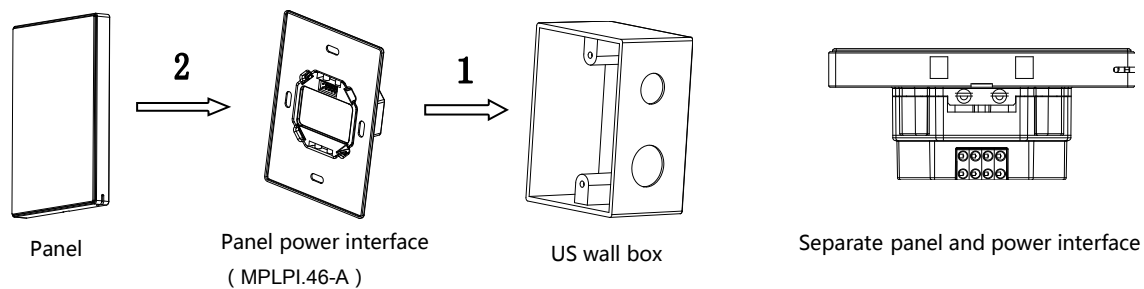


Touch button function: On/off, dimming.

Address modification: Press any of button for 15s, all the backlights will flash, the address of this device can be changed on HDL Buspro software: submenu "address management→address modify".

Signal interface and fastener: Connect to panel power interface (MPLPI.46-A).

Installation



Installation: Hold the edge of panel insert the power interface module vertically.

Split: Panel and panel power interface by magnetic suction, you can split them apart directly.

Package Contents

- Datasheet*1 / Panel *1