

Parameters

Electrical Parameters (from HDL-MPLPI.46-A):

Power supply	12-30V DC
Power consumption	30mA/24V DC

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:

LCD resolution	160x80
Dimensions	86×116.5×10.5 (mm)
Net weight	130.5(g)
Housing material	Glass/Aluminum , ABS, PC
Installation	US wall box
Protection rating	IP20

Important Notes

- It must work in conjunction with MPLPI.46-A (be installed in wall -box).
- Buspro cable — HDL Bus/KNX cable, 0.8mm single-core copper cable.
- Buspro Connection — Series connection (hand-in-hand).
- Installation — US wall box.

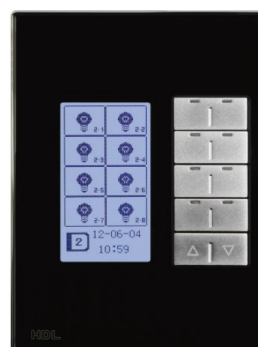
Installation Steps

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

HDL Buspro Cable Guide

CAT5/CAT5E	HDL Buspro	HDLBuspro/KNX
Brown/ Orange	24V DC	Red
Brown white/ Orange white	COM	Black
Blue white/Green white	DATA-	White
Blue/ Green	DATA+	Yellow

Overview

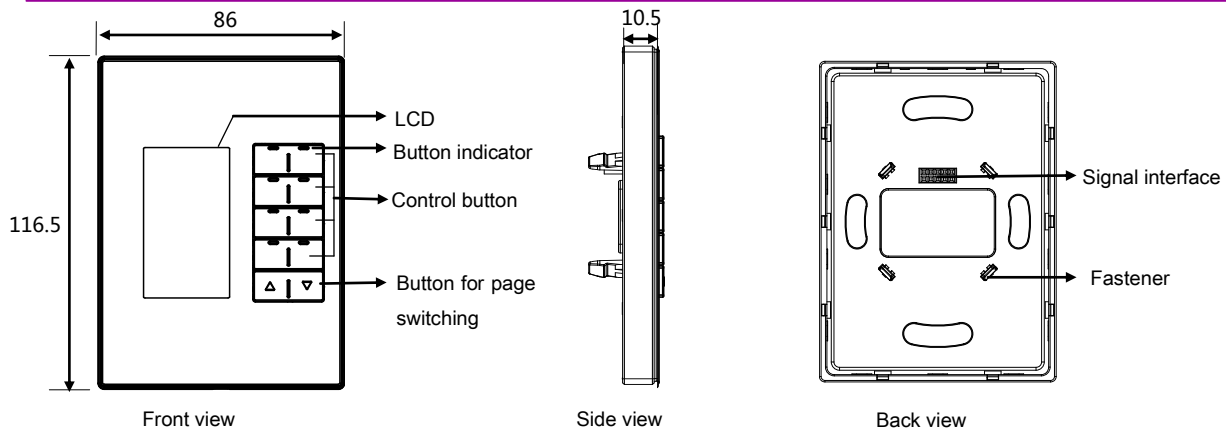


HDL-MPL8.46-A 8-button multifunction LCD switch is a new generation of wall-mounted switch with new design. It has 8 control buttons and the left & right side of the button can be programmed separately. 2 buttons are used for the page switching. Each button can be displayed with an icon in the LCD screen, which is customized for terminal user.

Functions

- Adjustable LCD backlight and LED indicator.
- Specified page for Floor Heating, HVAC, Music.
- Icon for Key Buttons can be customized by users.
- Button combination and Double Button combination function available.
- Button mutual exclusion available.
- Upgrading online from HDL Buspro is available.
- Multi Key Mode: Invalid, Single on-off, single on, single off, Combination on-off, combination on, combination off, double click/single on-off, double click/combination on-off, momentary, clock, short/long press, short press/ long momentary press.
- Multi Key control Mode: Scene, Sequence, Timer switch, Universal switch, Single channel lighting control, Broadcast scene, Broadcast channel, Curtain switch, GPRS control, Panel control, Alarm control, Music control.
- Panel control: Lock, Turn on/off AC, Cooling & heating for AC, Auto temperature setting, Fan Speed regulating, AC Mode setting, AC Temperature regulating, backlight adjusting, AC Lock, Backlight and status indicator light setting, floor heating temperature and mode setting etc.
- Communication : HDL Buspro.

Product Information (Unit: mm)



LCD: Display icon, user can design icon from manage software.

Button Indicator: Indicates the status of the controlled target. On- Status on; Off- Status off.

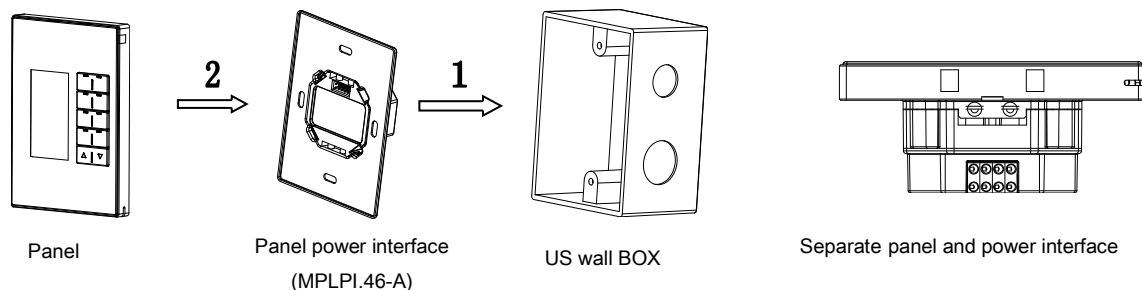
Control Button: To control target.

Button for page shifting: For user to select different pages.

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

Read and modify the address: Keep pressing the first row (button 1 or button 2) and the forth row (button 7 or button 8) to enter into the panel setting page. Choose the "SYSTEM", keep pressing the button 1 or button 2, you can modify the subnet ID and device ID. Other functions in this item are straightforward to set

Installation



Installation: Hold the edge of panel (shown as above), insert the power interface module vertically.

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

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.

Package Contents

- Datasheet*1 / Panel *1

