

Parameters

Electrical Parameters:	
Working voltage	DC12~30V (From MPPI.48)
Power consumption	40mA/DC24V
Temperature setting range	0~30°C
Environment 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	86×86×10.7 (mm)
Weight	119.5g
Housing material	Glass, ABS, Aluminum
Installation	EU wall box
Protection rating	IP20

HDL Buspro Cable Guide

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

Important Notes

- Only use Buspro cable - HDL Buspro/KNX cable.
- The **HDL-MPTAC01.48-A** panel must be used in conjunction with the power interface MPPI.48.
- Buspro connection - Series connection (hand-in-hand).
- Check cable connections, ensure all connections are correctly connected before installation has been completed.
- Installation - EU wall box.

Overview



The **HDL-MPTAC01.48-A** LCD Touch AC Control Panel is designed to control air conditioners. It must be used with power interface module. The **HDL-MPTAC01.48-A** panel can control an air conditioner's mode, fan speed and temperature.

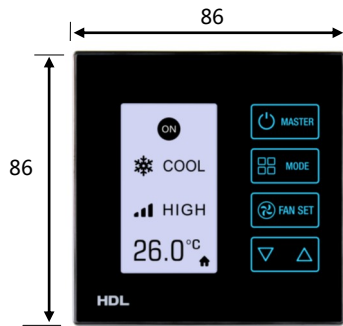
Functions

- The panel can control air conditioner's temperature, mode, fan speed and power.
- Supports cooling, heating, dehumidification and fan speeds.
- Supports high, medium, low, auto fan speeds.
- Supports temperature and status display of air conditioner.
- Supports IR, backlight intensity, and power saving mode.
- Supports firmware updates via HDL Buspro software.

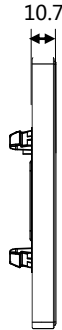
Installation Steps

- Connect Buspro cable to the **HDL-MPTAC01.48-A** panel port paying particular attention to the wire and port colors.
- Make sure the correct bus cable type is used and there are no short circuits.
- Mount the HDL-MPPI.48 in the wall box.
- Connect the **HDL-MPTAC01.48-A** panel to power interface HDL-MPPI.48.

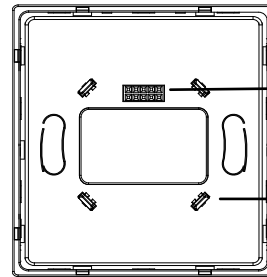
Dimensions (Unit: mm)



Front View



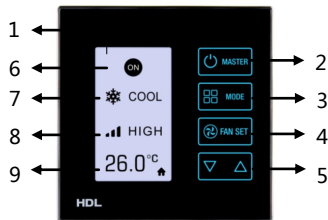
Side view



Back view

Signal interface

Fastener



1.LCD display screen

2.Master button: It can turn the air conditioner on/off.

3.Mode button: It can switch between the modes of cooling, heating, dehumidification, fan speeds, auto.

4.Fan speed button: It can adjust the fan speeds between high, medium, low and auto speeds.

5.Temperature control button: It can be used to select the temperature 0°C~30°C.

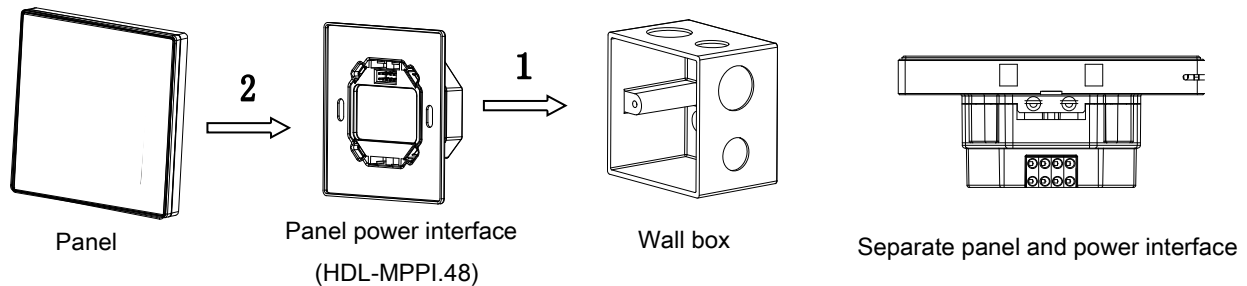
6.Status display of AC: display ON/OFF

7.Mode display

8.Fan speed display

9.Temperature display

Installation



Panel

Panel power interface
(HDL-MPPI.48)

Wall box

Separate panel and power interface

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

To disassemble: The panel and power interface are held together via magnetic force. Just separate the panel and power interface MPPI.48 directly.

Safety Precautions



- The tightening torque should not exceed 0.1Nm.
- The panel should be installed indoor.
- Ensure that the Bus interface is correctly connected to the Bus cable.
- Do not expose the panel to liquids, or corrosive gases.
- Ensure good ventilation.
- The Bus cable must only be connected to DC24V.

Package contents

- HDL-MPHAC01.48-A*1 / Datasheet*1

Contact us

Need help or advice? Please visit www.hdlautomation.com, or Contact us via: support@hdlchina.com.cn.