PIERO INFINITY CONTROL

Parameters

Electrical Parameters:	
Working voltage	12~30V DC
Power consumption	40mA/24V DC
Temperature setting range	0~30°C
Environmental Conditions:	
Working temperature	-5°~45°C
Working relative humidity	Up to 90%
Storage temperature	-20°~+60°C
Storage relative humidity	Up to 93%
Approved:	
CE, RoHS	
Product Information:	
Dimensions	86×86×10.7 (mm)
Net weight	119.5g
Housing material	Glass, ABS, Aluminum
Installation	EU wall box
Protection rating	IP20

PieroNet Cable Guide

CAT5/CAT5E	PieroNet
Brown / Orange	24V DC
Brown white / Orange white	COM
Blue white / Green white	DATA-
Blue / Green	DATA+

Important Notes

- Only use PieroNet cable.
- The KP-LCD-T panel must be used conjunction with the power interface KP-POWER-EU.
- 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

KP-LCD-T LCD Touch AC Control Panel is designed to control air conditioners. It must be used with power interface module. The KP-LCD-T panel can control an air conditioner's mode, fan speed and temperature.
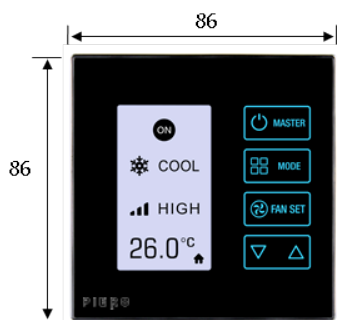
Functions

- 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 software.

Installation Steps

- Mount the KP-POWER-EU in the wall-box.
- Make sure the PieroNet cable type is correct and has no short circuit.
- Connect PieroNet cables. Make sure the color of wire complies with the definition.
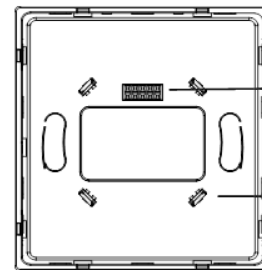- Put this device into KP-POWER-EU.

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Do you need help? Contact us via
support@pierocontrol.com
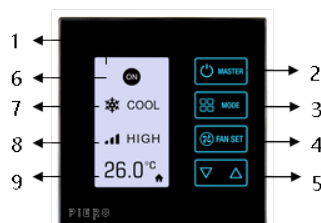
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Dimmensions and Wiring

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.
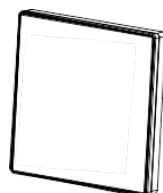6.Status display of AC: display ON/OFF
7.Mode display
8.Fan speed display
9.Temperature display

Installation

Panel

Panel power interface

Wall box

Separate panel and power interface

Installation: Hold the edge of the panel (shown as above grey area), 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 power interface.

Safety Precautions ⚠ WARNING

- The tightening torque should not exceed 0.1Nm.
- The panel should be installed indoor.
- Ensure that the PieroNet interface is correctly connected to the PieroNet cable.
- Do not expose the panel to liquids, or corrosive gases.
- Ensure good ventilation.
- The PieroNet cable must only be connected to 24V DC.

Package Contents

- KP-LCD-T, Datasheet x1

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