HYTRONIK ®

Product Description

The HPAD series furnishes responsive capacitive touch functionality and is engineered to operate in conjunction with the Hytronik range of Bluetooth products. Provide the HPAD-TSJASE1 with gateway version and the HPAD-TS/APP without gateway to satisfy different demands. Weighing just 1kg and installable using the existing switch box, it requires no wall modification and is powered directly, ensuring uninterrupted operation. Beyond simple brightness and tunable white control, it allows users to manage more complex scenes and grouping luminaires through the Koolmesh app, and displays key environmental metrics such as temperature, humidity, and lux levels, providing comprehensive control and monitoring in one device. It is suitable for industrial, as well as office and school applications. The HPAD is programmable using **Koolmesh**® app.

Key Features

- ⇥ Enable extensive control over multiple devices
- 🏠 Provide multiple interaction modes
- ☼ Display temperature, humidity, lux value, energy use
- ☝ Easy operation & quick to master
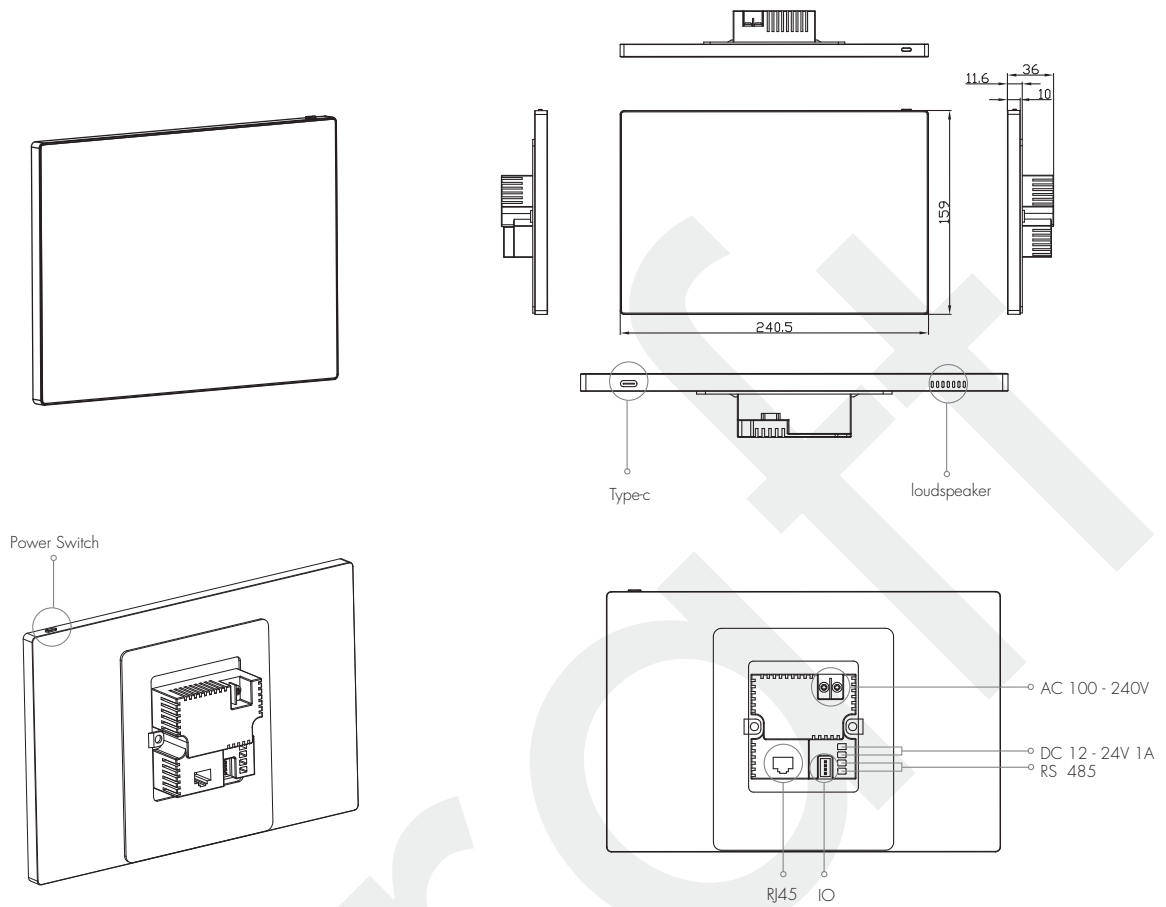- ◎ Operates stably around the clock, low power.

Hardware Features

- ↻ Mains powered
- ☐ Designed for electrical box/junction box
- ⊞ Gateway capabilities combined (HPAD-TSJASE1)
- ⚇ Full suite of connectors
- ✆ Manual adjustment: on/off, dim/color tuning, scenes reacall
- ⑤ 5-year warranty

Technical Specifications

Input Characteristics	
Operating voltage1	100-240VAC
Operating voltage2	12-24VDC/1A
Lan	RJ45 Ethernet port(100M)

Environment	
Operation temperature	Ta: -20°C ~ +50°C
Relative humidity	20% ~ 90%
IP rating	IP20

Mechanical Structure & Dimensions

11.6
36
10

159

240.5

Type-c

loudspeaker

Power Switch

AC 100 - 240V

DC 12 - 24V 1A
RS 485

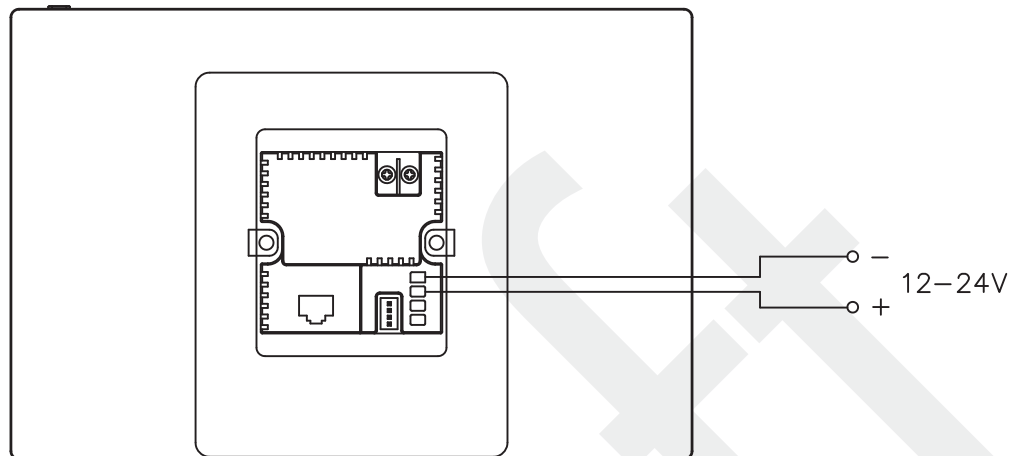RJ45   IO

Wiring Diagram
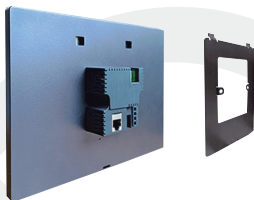
AC Wiring Diagram

N
L   AC 100~240V

L N

DC Wiring Diagram

12−24V
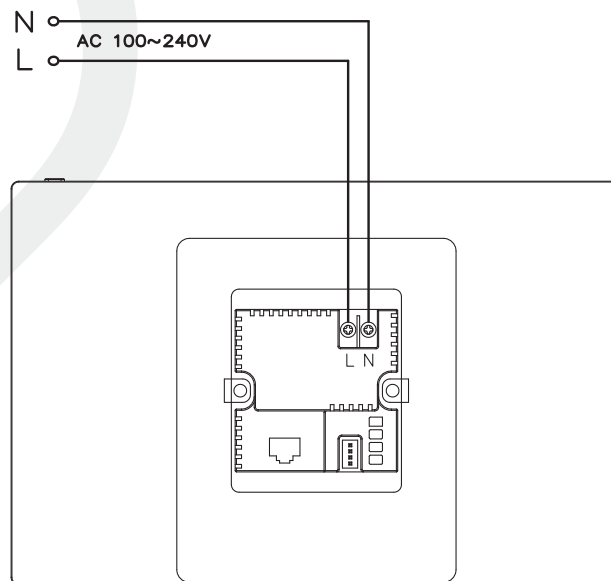
Installation method & Application

Designed for electrical box/junction box

Additional Information / Documents

1. Data sheet is subject to change without notice. Please always refer to the most recent release on
   www.hytronik.com/products/bluetooth technology ->Bluetooth Accessories

2. Regarding Hytronik standard guarantee policy, please refer to
   www.hytronik.com/download ->knowledge ->Hytronik Standard Guarantee Policy