Manuals+ — User Manuals Simplified.

HYTRONIK HBTD8200T Bluetooth Receiver Node Instruction Manual

Installation and Instruction Manual
Bluetooth Receiver Node – 150VA Trailing Edge Version
HBTD8200T/F

Contents

Technical Specifications

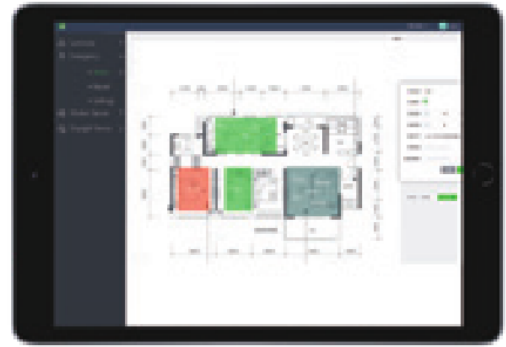| Product type	**Bluetooth**® Receiver Node
Mains voltage	230VAC 50Hz
Load	1-150VA (Capacitive) / 1-150W (Resistive)
Stand-by power	<0.5W
Operation frequency	2.4 GHz – 2.483 GHz
Transmission power	4 dBm
Range (Typical)	10 ~ 30m
Protocol	**Bluetooth**® 5.0 SIG Mesh
Operation temperature	Ta: -20 ℃ ~ +45 ℃
Case temperature (Max.)	Tc: +80 ℃
Storage temperature	-20°C ~ +60°C
Max. relative humidity	20 ~ 90%
IP rating	IP20
Impulse withstand voltage	2.5KV
Duty type	PTI material group IIIa
Insulation material	S1
Glow wire	level 3, 850°C
Protection	Built-in protection provide
Insulation	Class II Pollution degree 2
EMC standard (EMC)	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Safety standard (LVD)	IEC 61058-1, EN 61058-1, IEC 61058-1-2 EN 61058-1-2, AS/NZS 61058.1
Radio Equipment (RED)	EN300 328, EN301489-1, EN301489-17, EN62479

Download the App

Free App for set-up and commissioning

iOS 10.0 or later

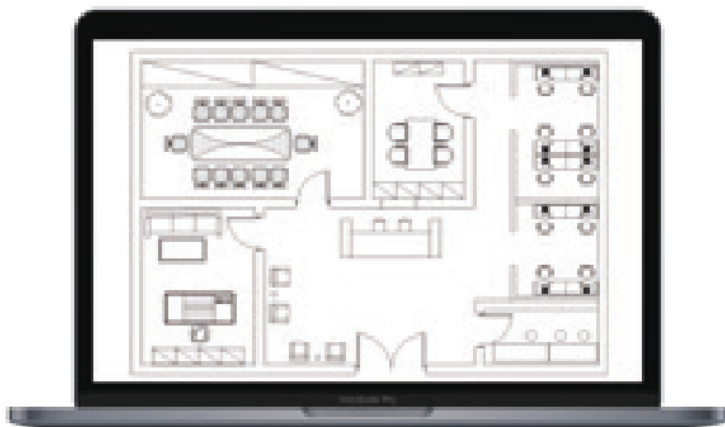Android 5.0 or later

Koolmesh Pro for iPad

for iOS	**https://apps.apple.com/cn/app/koolmesh/id1483721878**
for Android	**https://play.google.com/store/apps/details?id=com.koolmesh.sig**
for iPad	**https://apps.apple.com/cn/app/koolmesh/id1570378349**

Dimming Interface Operation Notes
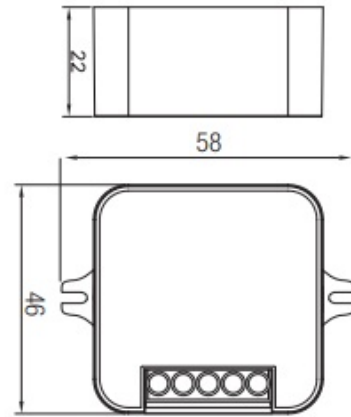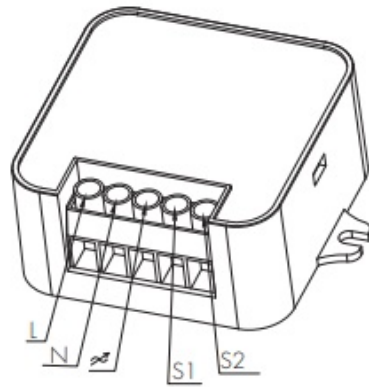
Switch-Dim

The provided Switch-Dim interface allows for a simple dimming method using commercially available non-latching (momentary) wall switches. Detailed Push switch configurations can be set on Koolmesh app.

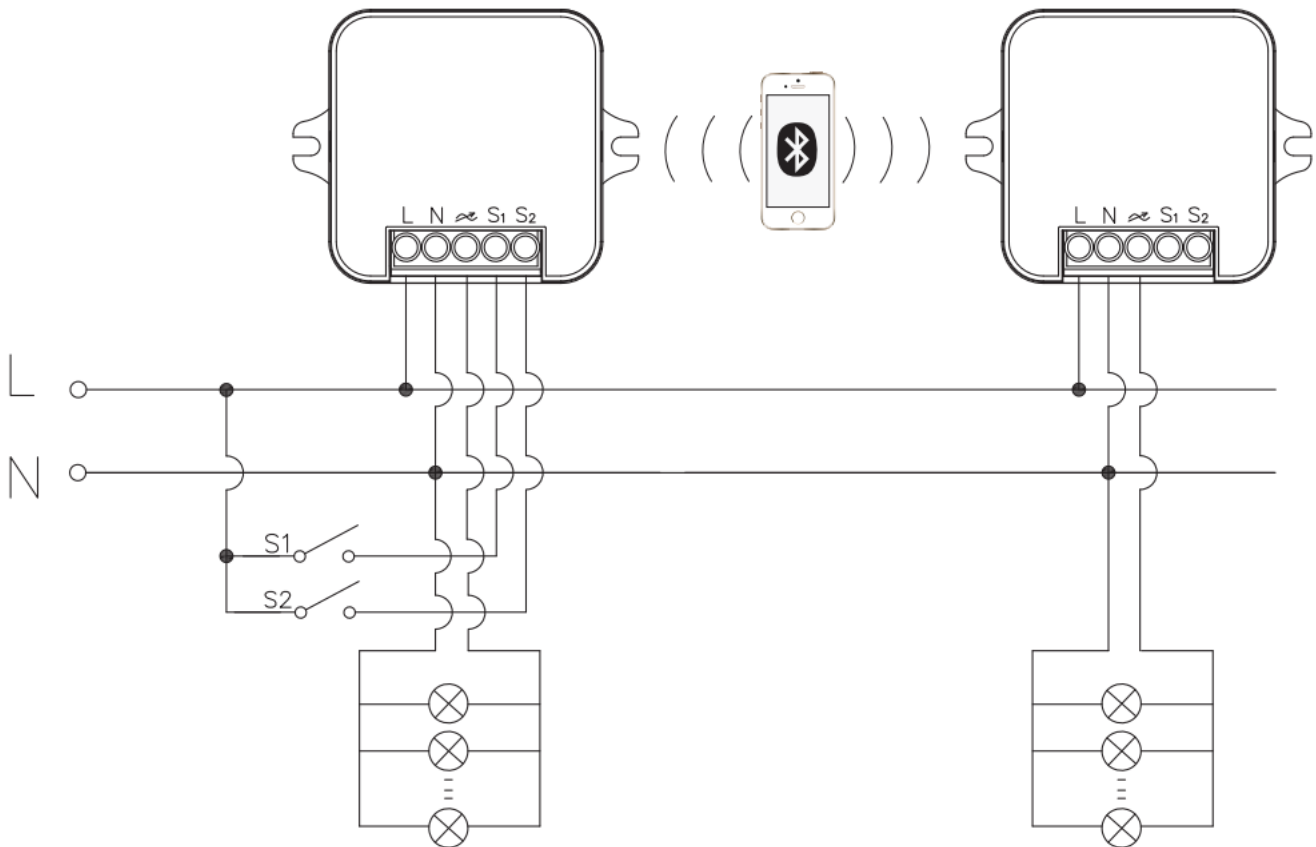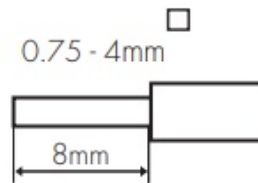| Switch Function	Action	Descriptions
Push switch	Short press (<1 second) * Short press has to be longer than 0.1s, or it will be invalid.	– Turn on/off – Recall a scene – Turn on only – Exit manual mode – Turn off only – Do nothing
	Double push	– Turn on only – Exit manual mode – Turn off only – Do nothing – Recall a scene
	Long press (1 second)	– Dimming – Colour tuning – Do nothing
Simulate sensor	/	– Upgrade a normal on/off motion sensor to a Bluetooth controlled motion sensor

Installation

Warnings:

1. Installation must be carried out by a qualified engineer in accordance with local regulations.

2. Disconnect power supply before installing.

3. Ensure environmental conditions are suitable for electronic equipment.

Wire Preparation

Rising clamp terminal.

0.75 - 4mm

8mm

Additional Information / Documents

1. To learn more about detailed product features/functions, please refer to **www.hytronik.com/download->knowledge->Introduction** of App Scenes and Product Functions

2. Regarding precautions for Bluetooth product installation and operation, please kindly refer to **www.hytronik.com/download->knowledge->BluetoothProducts-Precautions** for Product Installation and Operation

3. Data sheet is subject to change without notice. Please always refer to the most recent release on

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

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Documents / Resources

	HYTRONIK HBTD8200T Bluetooth Receiver Node [pdf] Instruction Manual HBTD8200T Bluetooth Receiver Node, HBTD8200T, Bluetooth Receiver Node, Receiver Node, Node