

TECHNICAL SPECIFICATION

Wall Plate Multi-Zone Bluetooth Audio Amplifier Kit

SPECIFICATIONS

Transmitter:

- Audio Inputs :Bluetooth or Local audio line level
- Bluetooth Version: Bluetooth v5.0 compliant with aptX
- Bluetooth Receive Distance: 30 Meters (open space)
- Audio Transmission: Digital, uncompressed, adaptive FHSS
- 3 min link-lost timeout function. Bluetooth automatically switch to pairing state if reconnecting fail

Bluetooth Blue LED Status:

LED state	Statement
Blue led on : 1 sec , off : 2 sec , repeat	All profiles are standby but not connected with any Bluetooth device yet.
Blue led flash every 2 sec	A2DP or HFP is connected.
Blue led flash twice every 2 sec	On A2DP streaming state.
Blue led On: 150ms, Off: 150ms repeat	Enter pairing mode.

Receiver:

- Audio Inputs: Master audio(from Transmitter) or Local audio line level
- Master Audio Indicator: During Master audio play, the LED is ON; otherwise, it is OFF

Common Features:

- Power Source: 24 VDC
- Audio priority:
 - Tx: Local audio in > BT audio
 - Rx: Local audio in > Master audio
- Audio Amplifier :
 - Stereo Class-D
 - Output power: 40W(rms) per channel (@ RL=4 ohm)
 - THD+N :0.1 % (@ RL=4 ohm, f = 1 kHz)
 - Minimum Load Resistance :4 ohm
 - Includes Speaker Protection circuit.
- Wireless Module:
 - Frequency: 5.8G Mode - RF channel 5725~ 5850 MHz
 - 5.2G Mode - RF channel 5135~ 5260 MHz
 - Sampling Rate: 24bit, 48KHz

- Signal-to-noise ratio: > 80dB
- Wireless module transmission Range:
 - Max 150ft – line of sight (best result)
 - Max 50ft – through walls and ceilings (not recommend)
- Frequency Response: Line Level Audio: 20Hz ~ 20kHz
- Latency: <20ms
- Max Number of Receivers per Transmitter: 255(extra)

TEN-TRONICS CO., LTD.

ADDRESS : NO.33.LANE 347,CHUNG-SAN S.ROAD
YOUNG-KANG DIST,TAINAN
CITY,TAIWAN,R.O.C.

TEL : 886-6-2310285 (REP.) FAX : 886-6-2016087

天 子 電 子 股 份 有 限 公 司

廠址：台南市永康區中山南路347巷33號

電話：(06)2310285 (代表號) 傳真：(06)2016087