



US Type



EU Type

FLUSH-MOUNT STEREO IN/OUT REMOTE

RWD-SIO

The RWD-SIO is a flush-mount input and output remote which comes with 4 RCA connectors (2 inputs and 2 outputs) for stereo audio sources, plus 3 status LEDs (power on/off, signal, active) on the front panel. The RCA analog inputs can be connected to audio sources such as DVD players, VCR players, video game consoles, DJ mixers and other sources.

The RWD-SIO is powered via STP CAT5/6/7 cable with metal shielded RJ45 connector in a max. distance length of 820 ft/250m through OCTO-Link. If the control signal of RWD-SIO is not strong enough, the RWD-SIO can connect to DLR01 Digital Loop Repeater. And if the power of RWD-SIO units is not enough, the RWD-SIO can connect to a 24 VDC local power on DLR01 Digital Loop Repeater. The RWD-SIO also comes with a IR receiver built-in for user to control the unit without standing in front of the devices. All of these devices can be integrated into our life and create a truly smart homes/offices. The RWD-SIO fits in both standard US and EU type of wall boxes for in-wall or surface mount applications.

FEATURES

- Flush-mount RCA stereo line in/out remote
- Connect up to 2 RWD-SIO per OCTO Jr, or connect the RWD-SIO to OL-AMP (Low-Z digital amplifier) at the end of the bus
- OCTO-Link connection via STP CAT5/6/7 cable with metal shielded RJ45 connector
- Two types of dimension for Europe and US region
- Program by OCTO Jr Designer OCTO Jr Designer software

Electrical	
Power consumption	0.9 watts (24 VDC, 1.5A)
OCTO-Link port	24 VDC @ 0.2A maximum
Audio Characteristics	
Frequency response	20 ~ 20 kHz (± 1 dBu)
THD+N	< 0.015 % @ 12 dB gain, -6 dBu (1 kHz) in
A/D-D/A bit resolution	24 bit
Sampling rate	48 kHz
EIN (RCA)	< -80 dBra @ 0 dB gain
Dynamic range	> 98 dBu @ 24 dBu gain
Crosstalk	< -70 dB @ 0 dBu gain, 0 dBu in
CMRR	< -75 dBu @ 1kHz
Maximum input level	-6 dBu
Maximum output level	6 dBu
Maximum gain	60 dBu
Input impedance (unbalanced)	12k ohm
Input gain range (line)	-12 ~ 12 dB (1 dB per step)
Output impedance (unbalanced)	20 ohm
Phantom power	24 VDC, 15 mA
Network (OCTO-Link)	
Max. distance between units	STP CAT5/6/7 with metal shielded RJ45 connector (250 m/820 ft)
Max. RWD-SIO units	2 RWD-SIO per OCTO Jr

Front Panel	
RCA stereo line input and line output on the front panel	
Power LED, signal LED, active LED	
IR receiver LED	
Rear Panel	
1 OCTO-Link port (RJ45)	
Color	
RAL9016	
Mechanical	
EU type: 3.3" x 3.3" x 1.8" (84 x 84 x 45 mm)	
US type: 2.8" x 4.4" x 1.8" (70 x 113 x 45 mm)	
Dimension (W x H x D)	
Weight	EU/US type 0.4 lbs (0.2 kg)
Environmental	
Operating temperature	+23 °F ~ +131 °F (-5 °C ~ +55 °C)
Storage temperature	-40 °F ~ +158 °F (-40 °C ~ +70 °C)
Relative humidity	20 % to 95 % non-condensing
Certifications	
CE marked and RoHS compliant	
Ordering Information	
RWD-SIO-EU: Stereo In/Out Remote/EU	
RWD-SIO-US: Stereo In/Out Remote/US	