



SD-12

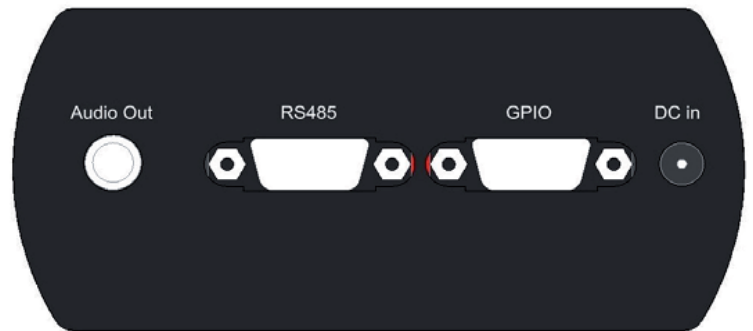
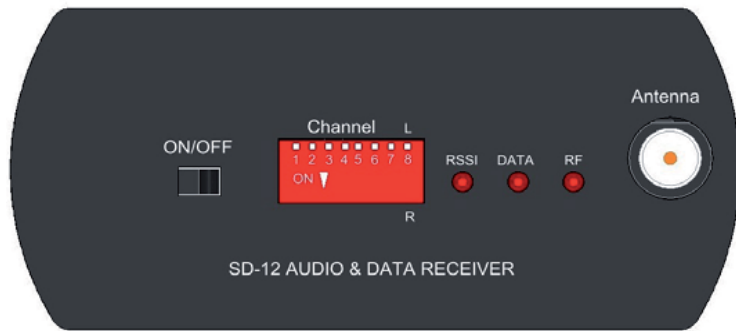
WIRELESS AUDIO AND DATA RECEIVER



SD-12 is a receiver which can receive audio and data from its transmitter. It supports 7 different frequencies and L&R selection. It has 3 LEDs to indicate if signal level, data or RF are received above limit values. Data and volume can be controlled via its audio transmitter.

Key Features

- Supports seven different frequencies between 76 to 108MHz.
- Support L&R selection
- On / Off switch
- RS485 communication for data transmission
- GPIO for 4 relay contacts and two microprocessor connection
- Audio output (XLR or RCA)
- Three LED indicator (RSSI, RF and DATA)
- 12 Vdc power supply input



Technical Parameters				
Receiver Characteristics				
Parameter	Min.	Typ.	Max.	Unit
Sensitivity	-	2.2	3.5	uV EMF
Data Sensitivity	-	10	-	uV EMF
Audio Mono S/N	55	63	-	dB
Audio Stereo S/N	-	58	-	dB
Audio THD	-	0.1	0.5	%
Intermod Sensitivity	-	40	-	dBuV
MECHANICAL & ELECTRICAL SPECIFICATIONS				
	Aluminum Box			
	Dimensions (DxWxH)	66.5x111x50.5 mm		
	Cabinet			
	Dimensions (DxWxH)	65x105x30 mm		
	Power Supply	12 Vdc		
	AC Power Consumption	0.5 VA		
ENVIRONMENTAL				
	Operating temperature	-5 to +80 °C		
	Relative humidity (non condensing)	90 % MA		
	Max. Operating altitude	2000m on sea levels		