

Wireless Audio Transmitter and Receiver User Manual

	Parameter	Sender	Receiver
Environment	Current Consumption	≈65mA	≈35mA
	Supply Voltage	DC 5V	
	Temperature	-10°C ~ 60°C	
RF Parameters	Module's Operating Frequency	2.4GHz	
	Modulation	GFSK	
	Transmission Rate	2Mbps	
	Transmission Power	+10dBm	
	Receive Sensitivity	-85dBm	
	Number of Module Channels	16	
	Channel Spacing	5Mhz	
	Working Distance	More than L.O.S 50m in open spaces, 10m guaranteed range	
Audio Parameters	Valid Values for Input Signal	2Vms	
	Input Impedance	10KOhm	
	Valid Values for Output Signal	2Vms	
	Output Impedance	1KOhm	
	Output Input Gain	1:1	
	Frequency Response	20Hz 20KHz(-3dB)	
	Transmission Delay	<1ms	
	Sampling Accuracy	44.1KHz, 16BIT	
	Dynamic Range	92dB	
	Signal Noise Ratio	90dB	
	Harmonic Distortion	1.0% @1KHz	
	Isolation of the Left and Right Sound Track	80dB	

Function Introduction:

- Using the globally open 2.4G ISM frequency, suitable for frequency hopping or multi-frequency utility.
- 44.1K digital audio sampling rate, 16BIT sample quantization level , CD-level sound quality.
- 16 optional channels. Memory function available.
- Unique digit correction arithmetic and channel selection technique, intelligently selects clear channels. Effectively resists interruption from equipments with the same frequency, including Wi-Fi and Bluetooth equipments.
- The pair function uses 40-digit random address codes (receive/send), which are unique, and have the best security.
- Supports one to one transmitter and receiver pair, or one transmitter to multi receiver.
- Clear status light signal.
- The receiver will automatically search for signal, and will mute if no signal found.
- Low power dissipation. Strong and durable metal case.

Changing frequency – Must only be done when you are experiencing interference.

1. Press the M button for more than 3 seconds simultaneously on both the sender and receiver. The sender will fast blink while the receiver will slow blink.
2. Wait for at least 10 seconds or until both have steady light.
3. Turn off both the sender and receiver, then turn them back on. After turning them on, they should be now using another frequency.

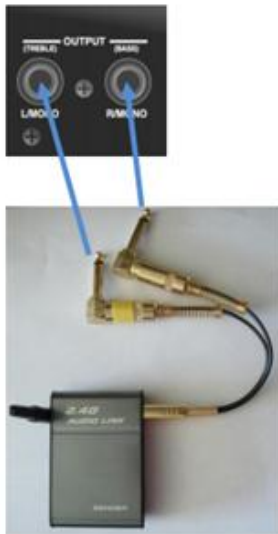
On step #2 if the receiver does not change to steady light, turn them both off then on and then repeat step #1.

Charging

It will take around 3 hours to recharge with the included charger. You can recharge them either it's on or off.

Connection Diagram

Sender to Roland V-Accordion



Receiver To Amplifier (Stereo 3.5mm cable)



Receiver To Amplifier (Stereo 3.5mm cable to RCA)

