



JLINK TRX Wireless, High-Fidelity Audio Transmitter & Receiver System

FCC Compliance Statement

responsible for compliance could void the user's authority to operate

this equipment.

NOTE: This equipment has been tested and found to comply with the limits of Part 15 of the FCC Rules. These limits are designed to be read before using this product. provide reasonable protection against harmful interference in a 2. Retain the Instructions – These instructions should be retained for residential installation. This equipment generates, uses and can radiate future reference. radio frequency energy and, if not installed in accordance with the instructions, may cause harmful interference to radio communications. should be followed. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined near a swimming pool, etc. by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from sources such as radiators, heat registers, stoves, fireplaces, or other that to which the receiver is connected. devices that produce heat. 14. Servicing - Do not attempt to service the device beyond what is

Safety Considerations

- Consult the dealer or an experienced radio/TV technician for help. 7. Power Sources – Only used the supplied AC power adaptors to described in the operating instructions. All other servicing should Any changes or modifications not expressly approved by the party power this product. be referred to qualified personnel only.
 - 8. Power Cord Protection Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs,

- 9. Cleaning Clean only with a dry cloth. Unplug power cords from 1. Read the Instructions – All safety and operating instructions should
 - wall outlet before cleaning. product has been critically engineered to deliver exceptional 10. Nonuse Periods – The power adaptor cords should be unplugged performance in your audio system or home theater for many years to

Introduction

What's Included

(1) JLINK TX Transmitter

(1) JI INK RX Receiver

(1) User Manual

(2) AC Power Adaptors

Thank you for purchasing a JLINK TRX wireless audio system. This

come. Please read this manual thoroughly to correctly integrate and

The JLINKTRX system uses state-of-the-art wireless technology to send

audio signals up to 100 feet away (30 meters). Broadcasting at an ultra-

high frequency of 2.4 GHz, the JLINKTRX delivers crystal-clear, stereo

achieve the highest level of performance.

(1) JLINK Port Connection Cable (3 ft.)

Product Overview & Features

sound anywhere throughout your home.

(1) Hook & Loop Fastener Tape

- 3. Heed Warnings and Instructions All warnings and instructions 1. Lightning and Power Surges – We recommend that you disconnect the device from the electrical outlet during electrical storms and/or
- 4. Water and Moisture This device should NOT be used near water, recurring power interruptions. 12. Object or Liquid Entry – Care should be taken so that objects such as a bathtub, washbowl, sink, laundry tub, in a wet basement, do not fall on and liquids are not spilled onto the device. Do not
- 5. Ventilation While this device does not require specific ventilation expose the device to dripping or splashing from liquids. Do not considerations, it should NOT interfere with ventilation of other place objects filled with liquids on top of, or near the device, for example: flower vases, beverages, liquid-filled lamps, etc.
- 6. Heat and Flames This device should be situated away from heat 3. Overloading – Do not overload wall outlets, extension cords, or outlet strips as this can result in a risk of fire or electrical shock.

from the outlet when left unused for long periods of time.

- convenience receptacles, and the point where they exit the device.

Features include:

(additional receivers sold separately)

channels to choose from)

components.

- Bit-Perfect PCM Stereo Digital Wireless Technology (16 bit / 48 kHz)
- RCA-type input/output connectors compatible with most audio and power OFF that device. eguipment
- Up to 4 JLINK receivers can be paired to each JLINK transmitter device's RCA line outputs.
- Up to 3 JLINK transmitters can be used concurrently (3 output
- JLINK receiver includes JLINK port for compatible JL Audio products - Low-Power Sleep mode after 30 minutes of inactivity
- Placement Considerations:

The transmitter and receiver modules may be situated in any position,

however their placement should be away from heat generating

module's placement does not interfere with the ventilation of other

Connecting the Transmitter

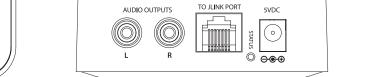
- 1. Select the source device that you wish to transmit audio signal from
- 2. Connect the JLINK transmitter's RCA line inputs to your source
- 3. Plug the smaller end of the AC power adaptor into the transmitter's
- power jack. Plug the larger end of the AC power adaptor into a standard A/C wall outlet.
 - 4. Using the bottom-mounted switch, select one of three output
 - channels to broadcast your audio signal. **Note: The transmitter and** receiver need to be set to the same channel.

sources, such as amplifier or receiver heat sinks. Also ensure that each AUDIO INPUTS

Although mounting is not necessary, you may use the supplied hook & loop fastener tape to affix the modules to a flat surface on a cabinet wall, rack or component. If you choose not to mount the modules, make sure they are placed on a flat, stable surface to prevent damage from falling.

Connecting the Receiver – Option A (when using RCA connections)

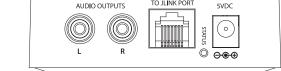
- Select the device that you wish to send the audio signal to and. power OFF that device.
- 2. Connect the JLINK receiver's RCA line outputs to your device's RCA line inputs. 3. Plug the smaller end of the AC power adaptor into the receiver's
- power jack. Plug the larger end of the AC power adaptor into a standard A/C wall outlet.
 - 4. Set the receiver's bottom-mounted switch to the same channel as the transmitter.



Connecting the Receiver - Option B (when using JLINK port) Select the JLINK compatible device that you wish to send the audio

- signal to and power OFF that device.
- 2. Set the receiver's bottom-mounted switch to the same channel as the transmitter.
- 3. Plug one end of the supplied cable into the JLINK receiver's JLINK port. Plug the other end of the cable into the JLINK port of the compatible device. The JLINK receiver will transfer its audio signal and receive its power connection directly through this cable. **Note:**

When connected in this manner, the JLINK receiver's AC power jack and RCA output connections should NOT be used.



LED Status Indicator

A green LED light is located next to the power jack on the transmitter and receiver to indicate each module's status. Refer to the following

LED Status - Transmitter Action	LED Function	Mode	LED Stat Action
When first connected to power	3 rapid blinks, 1 long blink, OFF	Startup	When firs
Audio signal detected	ON	Begin RF link	Audio sig
No audio signal detected	OFF	Standby	With RF li signal det
No audio signal for 30 minutes	OFF	Low Power Sleep*	With RF li signal for
*Transmitter will	reawaken when a	udio is detected again.	

Note: Plugging RCA cables in to the transmitter without a source connected will cause LED on transmitter and receiver to turn ON.

tatus - Receiver		
n	LED Function	Mode
first connected ver	3 rapid blinks, OFF	Startup
signal detected	ON	RF link established
RF link, no audio detected	1 flash every 3 seconds	Standby
RF link, no audio for 30 minutes	OFF	Low Power Sleep*
*Receiver will	l reawaken when au	udio is detected again.

fications - System			Specifications - Tran
S/N Ratio	80 dB @ 1 kHz, 500 mV		Inp
THD+N	0.02% @ 1 kHz, 500 mV		Input Impedar
Crosstalk	>75 dB @ 1 kHz, 500 mV		Outp
equency Response	16 Hz – 22 kHz (+0, -1dB)		
Wireless Range	100 feet / 30 meters (typical)		Receivers Suppor
Wireless Channels	3 available, selectable via switch		Bit Depth/Sample R
Latency	14 mS		Power Requireme
rating Temperature	32 to 104 °F / 0 to 40 °C		Dimensio
AC Power Adaptor	1 A, 5 volts DC	L	

ecifications - Transmitter		Specifications - Receiver	
Inputs	Analog, left and right RCA-type	Inputs	Bit
Input Impedance	25 kΩ	, , , ,	2.4
Outputs	Bit-Perfect PCM Stereo Digital via 2.4 GHz Wireless	Outputs	An An
Receivers Supported	Up to 4	Output Impedance	250
t Depth/Sample Rate	16 Bit / 48 kHz	· · ·	1.2
Power Requirements	200 mA, 5 volts (via AC adaptor)	Full Scale Output Voltage	
Dimensions	3.5 in x 3.5 in x 1.12 in 89 mm x 89 mm x 28.5 mm	Power Requirements	10 JLI

it-Perfect PCM Stereo Digital via 4 GHz Wireless alog, left & right RCA-type or alog via JLINK port to compatible removing or reinstalling the unit(s) or shipping the unit(s) to JL Audio for service. Cosmetic damage due to accident or normal wear and tear is not covered under warranty. This warranty is not transferable and applies only to the original 00 mA, 5 volts (via AC adaptor or purchaser of the product from an authorized JL AUDIO dealer. Warranty is voided if the factory-applied product serial number is removed or defaced. 3.5 in x 3.5 in x 1.12 in Should service be necessary under this warranty for any reason 89 mm x 89 mm x 28.5 mm

Limited Warranty / Service Information

due to manufacturing defect or malfunction, JL AUDIO will, at its

discretion, repair or replace the defective product with new or

remanufactured product at no charge.

Any applicable implied warranties are limited in duration to the JL AUDIO warrants this product to be free of defects in materials period of the express warranty as provided herein beginning with and workmanship for a period of three (3) years from the original dat express or implied, shall apply to this product thereafter. Some Damage caused by the following is not covered under warranty accident, misuse, abuse, product modification or neglect, failure exclusions may not apply to you. This warranty gives you specific to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidental or consequential damages and does not cover the cost of

If you need service on your JL AUDIO product:

the date of the original purchase at retail, and no warranties, whether states do not allow limitations on implied warranties, therefore these legal rights, and you may also have other rights which vary from state Return only defective components. Non-defective items received will be returned freight-collect. Customer is responsible for shipping charges and insurance in sending the product to JL AUDIO. Freight damage on returns is not covered under warranty. Always include proof of purchase (sales receipt).



PRODUCT IN WHICH DISASSEMBLY, REPAIR AND/OR MODIFICATION HAS BEEN ATTEMPTED BY UNAUTHORIZED PARTIES WILL NOT BE

through an authorized JL AUDIO dealer and must be accompanied by proof of purchase (a copy of the original sales receipt.) Direct returns from consumers or non-authorized dealers will be refused unless specifically authorized by JL AUDIO with a valid return authorization number. Warranty expiration on products returned without proof of purchase will be determined from the manufacturing date code. Coverage may be invalidated as this date is previous to purchase date.



WARNING: THIS PRODUCT CONTAINS NO USER-SERVICEABLE PARTS

For Service Information in the U.S.A. please call:

JL Audio customer service: (954) 443-1100 during normal business hours (Eastern Time) JL Audio, Inc • 10369 North Commerce Parkway, Miramar, FL 33025

International Warranties:

Products purchased outside the United States of America are covered only by that country's distributor and not by JL Audio, Inc.

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