



# BT4

## BLUETECH WIRELESS MUSIC RECEIVER USER MANUAL



Earthquake Sound Corporation  
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www.earthquakesound.com

### Introduction

The **BT4 BlueTech Wireless Music Receiver** allows you to stream audio from your Bluetooth® enabled cell phone, PC, Laptop, iPod®, iPad® or other audio player devices to your stereo system at home, in the car, in the RV, at the office or anywhere.

### What comes with your BT4

- 1 x BlueTech Wireless Music Receiver
- 1 x User Manual
- 1 x 3.5mm-to-RCA audio cable
- 1 x 5V USB power adapter

### Key Features

- Wirelessly stream music from an iPhone®, iPad®, Android® or any Bluetooth® enabled device.
- Fast device pairing and low power consumption - comparable to Bluetooth 4.0.
- Remembers up to 7 paired devices and auto-reconnects to the last paired device (if within range).
- Over 32 feet (10 meters) of open space wireless range.
- Supports aptX/AAC/SBC/MP3/Fast stream codec.
- Audio quality with an impressive dynamic range of 10Hz - 20kHz.
- AUX 3.5mm LINE-OUT enabling it to connect to car stereos, HiFi amplifiers, etc.
- Compatible with all Bluetooth® A2DP stereo enabled devices.

### Requirements

- A Bluetooth® enabled cell phone, PC, Laptop, iPod®, iPad® or other audio player devices that supports the Bluetooth® A2DP and AVRCP profiles.
- A portable or home stereo system that has an RCA or a 3.5mm audio AUX-IN connection (3.5mm-to-3.5mm audio cable sold separately).

### Specifications

Power Input	: USB 5V
Standards	: Bluetooth V4.0
Decoder Support	: aptX, SBC, MP3 and AAC
Profile Support	: Class 2
Transmission	: A2DP V1.2 and AVRCP V1.4
Interface	: 3.5mm audio line-in jack
Bandwidth Freq.	: 2.400 ~ 2.4835GHz ISM band
Receiver Sensitivity	: < 85dBm at 0.1% BER
Range	: 32 ¾ feet (10m) of open operating space

Specifications are subject to change without notice.

iPhone®, iPad®, Android® and Bluetooth® are the property of their respective trademark holders and have no affiliation with Earthquake Sound Corporation.

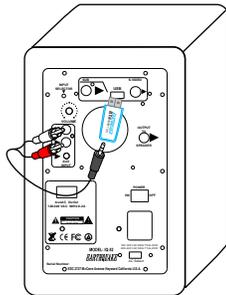
### Connecting your BT4

#### To the iQuake stereo system

Step 1. Power the **BT4** by plugging it to the USB port located on the iQuake amplifier plate. The LED will light up when there is power to the **BT4**.

Step 2. Using the provided 3.5mm-to-RCA audio cable, connect the **BT4** to the iQuake's RCA input.

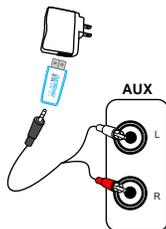
Step 3. Be sure to set the iQuake's input selector to RCA.



#### To your home stereo/audio system

Step 1. Power the **BT4** by inserting it into the provided 5V USB power adapter and plugging it to the power outlet. The LED will light up when there is power to the **BT4**.

Step 2. Using the provided 3.5mm-to-RCA audio cable, connect the **BT4** to the system's AUX input.

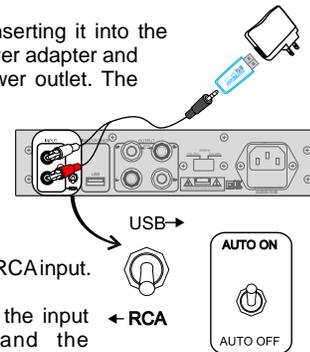


#### To the XJ300FR amplifier powering your speakers

Step 1. Power the **BT4** by inserting it into the provided 5V USB power adapter and plugging it to the power outlet. The LED will light up when there is power to the **BT4**.

Step 2. Using the provided 3.5mm-to-RCA audio cable, connect the **BT4** to the amplifier's RCA input.

Step 3. Make sure to switch the input selector to RCA and the amplifier to AUTO ON.



#### To your car stereo/audio system

Step 1. Power the **BT4** by inserting it into a standard 5V USB cigarette lighter adapter (available at a store near you). The LED will light up when there is power to the **BT4**.

Step 2. Using the provided 3.5mm-to-RCA audio cable, connect the **BT4** to the head unit's AUX RCA input. If your head unit uses a 3.5mm AUX input instead, you will need to purchase a 3.5mm-to-3.5mm audio cable.

### Pairing your BT4

When the **BT4** is initially powered on, the blue LED will slowly blink 3 times in an attempt to connect to the last paired device. If the last paired device is not available, it will then enter "pairing" mode - indicated by the LED switching between blue and red.

Simply follow the instructions provided by your device's manufacturer to search, add and pair a Bluetooth® enabled device. Make sure that the Bluetooth® functionality of your device is on and set to visible.

Device name: **Earthquake BT4**  
Passcode: **0000**

Successful pairing is indicated by the **BT4**'s blue LED blinking twice per 0.5 second.

You will notice the blue LED blinks once per second when music is playing and twice per second when the **BT4** is on standby (no device connected).

You only need to pair your device to the **BT4** once and even though the **BT4** can remember up to 7 paired devices, it can only connect one device at a time.

When you want to use a different device, you need to disable the Bluetooth® feature of your current device, turn the **BT4** off and back on by unplugging it and replugging it to the power source. Once the **BT4** has entered pairing mode, follow the above pairing instructions to connect the new device.

## Troubleshooting

### The BT4 does not pair with the cell phone

Make sure the cell phone supports both A2DP and AVRCP profiles. The BT4 is not designed to work with devices that do not support those profiles.

### No connection between the device and the BT4

- Make sure that the device is within range to the BT4.
- Check the device's Bluetooth® settings and make sure it is connected to the BT4.
- Pair the device to the BT4 again.

### The music is not coming out of the stereo speakers

- Make sure that the BT4 is powered on.
- Make sure that the audio cable is properly and firmly connected to both the BT4 and stereo system.
- Make sure that the volume of your device's multimedia player is not on mute and is set at a suitable level.
- Make sure that the volume of your stereo system is not on mute and is set at a comfortable listening level.
- Make sure that you are within range to the BT4 and that your device is connected via Bluetooth® with the BT4.

### The sound from the stereo speakers is intermittent

Move your device closer to the BT4. Note that the BT4 is designed to work within 32 ¾ feet (10m) range and walls or other obstructions will reduce the range.

### The iQuake is not playing even though the BT4 is operating

- Make sure that the audio cable is properly and firmly connected to both the BT4 and the iQuake.
- Make sure the device's multimedia player is not on mute.
- Make sure the iQuake's input selector is set to "RCA" by using the remote or by clicking the input selector button.
- Make sure the iQuake is not muted.

### The speakers connected to the XJ300FR are not playing even though the BT4 is operating

- Make sure that the audio cable is properly and firmly connected to both the BT4 and the XJ300FR.
- Make sure the speakers are properly connected to the XJ300FR amplifier.
- Make sure the device's multimedia player is not on mute.
- Make sure the XJ300FR's input selector located on the back of the amplifier is set to RCA.
- Make sure the XJ300FR is set to AUTO ON - switch is located on the front of the amplifier.
- Make sure the XJ300FR's volume is not set at MIN.

## Technical support

For additional technical support, contact our technical support team by:

e-mail: tech@earthquakesound.com

phone: US Toll Free 1-800-576-7944  
510-732-1000

fax: 510-732-1095

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## Warranty Guidelines

Earthquake warrants the original purchaser that all Factory Sealed New Audio Products be free from defects in material and workmanship, under normal and proper use, for a period of one (1) year from the date of purchase (as shown on the original sales receipt with serial number affixed/written on it). The one (1) year warranty period is valid only if product is properly installed according to the written instructions of this manual.

### **(A) One (1) year limited warranty guidelines:**

Earthquake pays for labor, parts, and ground freight (**US mainland only**) back to customer.

### **(B) Warning:**

Products (sent for repair) that are tested by Earthquake technicians and deemed to have no problem(s) will not be covered by the limited warranty. **Customer will be charged a minimum of one (1) hour of labor (ongoing rates) plus shipping charges back to customer.**

### **(C) Earthquake agrees to repair or replace - at our option - all such defective products/parts subject to the following provisions:**

- Defective products/parts have not been altered or repaired by other than an Earthquake factory approved technician.
- Products/parts are not subjected to negligence, misuse, improper use, or accident, damaged by improper line voltage/excessive electrical supply, abnormal mechanical or environmental conditions, used with incompatible

products, or have any part of it altered, defaced or removed, or have been used in any way that is contrary to Earthquake's written instructions.

### **(D) Warranty Limitations:**

Earthquake warranty does not cover products that have been modified or abused, including but not limited to the following:

- Damages to casing or part finish due to misuse, abuse, or use of improper use of cleaning materials/methods.
- Damages due to improper line voltage/excessive electrical supply.
- Broken or bent USB connectors.
- Fading, deterioration of components due to improper exposure to elements.
- Subsequent damage to and from other products.

A warranty claim will not be valid if the warranty registration card is not properly filled & returned to Earthquake with a copy of the sales invoice.

### **(E) Service Request:**

To receive product(s) service, contact Earthquake Sound's service department at (510) 732-1000 and request an RMA number (Return Material Authorization) as item(s) shipped without a valid RMA number will be refused. Make sure you provide us with your complete and correct shipping address, a valid phone number, and a brief description of the problem you are experiencing with the product. In most cases, our

technicians might be able to resolve the problem over the phone, thus eliminating the need to ship the product.

### **(F) Shipping Instructions:**

Product(s) must be packaged in its original protective box(es) to minimize transport damage. Shipper claims regarding items damaged in transit must be presented to carrier. Earthquake Sound Corporation reserves the right to refuse product that improperly packed. Original sales receipt must accompany product returned for service. Ship product to:

Earthquake Sound Corp. 2727 Mc Cone Avenue,  
Hayward, CA 94545.

You are responsible for the cost of shipping the product to Earthquake Sound Corporation.

### **(G) Disputes Resolution:**

All disputes - between clients and Earthquake Sound Corporation - resulting from the one (1) year limited warranty policy must be resolved according to the laws & regulations of the county of Alameda, California.