Bluetooth® Transmitter & Receiver Adapter

Model No.: EA-TR1

Questions or Concerns? support@etekcity.com
Thank You

Thank you for purchasing the Bluetooth Transmitter & Receiver Adapter EA-TR1 by Etekcity. We are dedicated to providing our customers with quality products for building a better living. Should you have any questions or concerns about using your new product, feel free to reach out to our helpful customer support team at (855) 686-3835 or by email at support@etekcity.com. We hope you enjoy your new product!
Package Contents

1 x EA-TR1 Bluetooth V4.1 Transceiver

1 x User manual

1 x 3.5 mm auxiliary to RCA cable

1 x Micro-USB cable

1 x 3.5 mm Male to male audio adapter

1 x 3.5 mm auxiliary cable

1 x Digital optical audio toslink cable
**Safety Information**

**IMPORTANT**: Please read and comply with all of the instructions and warnings provided in this manual before using the product. Failure to comply with the instructions and warnings provided herein may result in inaccurate results and/or damage to the product itself.

- **DO NOT** expose the adapter to direct sunlight, extreme heat, or humid environments.
- **DO NOT** attempt to disassemble the adapter. It may cause damage to the device or injure the user.
- **DO NOT** drop or slam the adapter on hard surfaces, doing so may damage the internal circuitry.
- **DO NOT** use any chemicals or detergents to clean the device.
- **DO NOT** scrape the surface of the adapter with sharp objects.
- **DO NOT** immerse the adapter in water or other liquids.

---

**Function Diagram**

1. Multifunction button
2. LED indicator
3. Transmitter-receiver switch
4. Audio I/O switch
5. Auxiliary port
6. Digital optical input (SPDIF IN)
7. Digital optical output (SPDIF OUT) back
8. Micro USB port
**Set-up**

**How to charge EA-TR1**

EA-TR1 can be fully charged within 2 hours. To charge EA-TR1, please
- Insert the micro USB end of the included charging cable into the charging port of EA-TR1
- Plug the USB end of the charging cable to any active USB power source (premium USB charger or your computer USB port is highly recommended in order to better protect the adapter);
- The LED indicator will turn red when charging. It will automatically turn OFF once the adapter is fully charged.

**Note:**
If the LED indicator flashes red continuously, it means EA-TR1 is working in low voltage, and needs to be recharged ASAP.
Operation Instruction

Working as a Bluetooth Transmitter

Wireless Transmitting

Wired Connection

Bluetooth Headphone or Speaker

EA-TR1

Computer Without Bluetooth

TVs

Mp3/CD player

Kinder or e-Book Readers
<table>
<thead>
<tr>
<th>Function</th>
<th>Operation</th>
<th>LED Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select Working Mode</td>
<td>Slide TX/RX switch to TX position while powered off</td>
<td></td>
</tr>
<tr>
<td>Power ON</td>
<td>Press and hold MFB for 3 seconds</td>
<td>Indicator flashes blue twice.</td>
</tr>
</tbody>
</table>
| Power OFF                      | Press and hold MFB for 3 seconds  
* Please wait for at least 3 more seconds after powered off if you want to change to receiver mode. All the paired information will be deleted once the mode is switched | Indicator flashes red twice, and then turns off.                               |
| Pairing                        | Double tap the MFB to enter the pairing mode after the adapter is powered on  
* If it’s not paired to any devices, EA-TR1 will enter pairing mode automatically soon after it’s powered on.                                                                 | Indicator flashes blue quickly                                                  |
|                                | Turn on your Bluetooth headphones or speakers, and activate the pairing mode.  
* Usually by holding the power button for several seconds, BT devices will automatically go to the pairing mode.                                                                                | Once successfully paired, indicator will turn solid blue.                      |
| Unconnected Standby Mode - TX  | It will go to standby mode if no device is connected within 2 minutes after pairing starts                                                                                                             | Indicator will flash blue once every second.                                  |
| Battery Low                    | When the battery is low, LED indicator flashes red continuously. Once the battery voltage is below 3.1V, EA-TR1 will turn off by itself.                                                                 |                                                                                |
Pair Transmitter with Two Bluetooth Speakers or Headphones

EA-TR1 can be connected via 3.5mm aux cable or toslink optical cable to TV or MP3 player / e-Book reader without Bluetooth function, and transmit the sound WIPELESSLY & SIMULTANEOUSLY to tow Bluetooth speakers or headphones (Device A, Device B). In order to do that, please follow the steps below:

1. Power on Device A, and activate its pairing mode. (Please check the user manual of Device A for the proper operation);
2. Make sure you slide the TX/RX switch to TX. Turn on EA-TR1 and quickly double tap the MFB to activate the pairing mode. The LED indicator will flash blue quickly if successfully activated. If not, please power off EA-TR1 and repeat the same step once again;
3. Put EA-TR1 and Device A close to each other, preferably within 1 foot distance, and wait for them to get paired automatically. If paired successfully, the LED indicator of EA-TR1 turns solid blue. Connect the transmitter to your audio source and ensure that you can hear the sound from Device A;
4. Power off both EA-TR1 and Device A, and get ready for pairing with Device B;
5. Repeat the same operation as above for Device B and EA-TR1, and pair them together. Then power off EA-TR1 once again if it pairs successfully with Device B;
6. At this time, only Device B is in working status, whereas Device A and the transmitter are powered off;
7. Simply turn on Device A instead of activating its pairing mode. Wait for about 10~20 seconds, and then power on EA-TR1-no need to double tap its MFB to enter pairing mode. EA-TR1 will automatically find Device A & B, and complete the final pairing, which may take approx. 30 seconds;
8. Please try to reset EA-TR1 and then repeat all above steps if you fail to pair EA-TR1 with two Bluetooth audio devices.
Working as a Bluetooth Receiver

Smart Phone or Tablets

Wireless Receiving

EA-TR1

Wired Headphone

Home Stereo

Wired Connection

Car Stereo
<table>
<thead>
<tr>
<th>Function</th>
<th>Operation</th>
<th>LED Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select Working Mode</td>
<td>Slide TX/RX switch to RX position while powered off</td>
<td></td>
</tr>
<tr>
<td>Power ON</td>
<td>Press and hold MFB for 3 seconds</td>
<td>Indicator flashes blue twice.</td>
</tr>
<tr>
<td>Power OFF</td>
<td>Press and hold MFB for 3 seconds</td>
<td>Indicator flashes red twice, and then turns off.</td>
</tr>
<tr>
<td></td>
<td>* Please wait for at least 3 more seconds after powered off if you want to change to transmitter mode. All the paired information will be deleted once the mode is switched.</td>
<td></td>
</tr>
<tr>
<td>Pairing</td>
<td>Double tap the MFB to enter the pairing mode after the adapter is powered on</td>
<td>Indicator flashes blue &amp; red alternately. Once successfully paired, indicator will turn solid blue.</td>
</tr>
<tr>
<td></td>
<td>* If it’s not paired to any devices, EA-TR1 will enter pairing mode automatically soon after it’s powered on.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Activate the Bluetooth function of your phone or tablet, and search for “EA-TR1” in the search result. Please simply select the name to pair.</td>
<td></td>
</tr>
<tr>
<td>Unconnected Standby Mode - RX</td>
<td>EA-TR1 will automatically power off if no device is connected within 5 minutes after pairing starts</td>
<td>Indicator will flash blue &amp; red quickly, and turns off after 5 minutes elapse.</td>
</tr>
<tr>
<td>Play / Pause</td>
<td>Simply press the MFB to pause or re-play the music</td>
<td>Indicator shows solid blue.</td>
</tr>
<tr>
<td>Battery Low</td>
<td>When the battery is low, LED indicator flashes red continuously. Once the battery voltage is below 3.1V, EA-TR1 will turn off by itself.</td>
<td></td>
</tr>
</tbody>
</table>
Pair Receiver with Two Smart Phones or Tablets

EA-TR1 can be connected via 3.5mm aux cable or toslink optical cable ti wired Headphones, speaker or home stereo, and receives high-quality audio WIRELESSLY & SEPARATELY from two of your smart phones or tablets (Device C, Device D). In order to do that, please follow the steps below:

1. Please make sure you slide the TX/RX switch to RX. Turn on EA-TR1 and quickly Double tap its MFB to activate the pairing mode. The LED indicator will flash Blue & red alternately if successfully activated. If not, please power off EA-TR1 and repeat the same step once again;

2. Activate the Bluetooth function in Device C, and search for "EA-TR1" in the search result. Select the name to pair. If successfully paired, the LED indicator of EA-TR1 will turn solid blue;

3. Please deactivate the Bluetooth function of Device C, and double tap the MFB of the receiver to re-enter the pairing mode;

4. Repeat the same operation as above and pair Device D with EA-TR1. Then please power off EA-TR1;

5. At this time, only the Bluetooth function of Device D is active; the Bluetooth Function of Device C is still deactivated, and EA-TR1 is powered off;

6. Activate the Bluetooth function of Device C. Wait for about 10~20 seconds, and then turn on EA-TR1. It will automatically find Device C & D, and complete the final pairing, which may take approx. 30 seconds;

7. Please try to reset EA-TR1 and then repeat all the above steps if you fail to pair EA-TR1 to two of your smart phones or tablets;

8. Different from working as a transmitter, the receiver mode can only receive the audio from one of the two paired devices. You will have to pause or stop the audio from one device in order to receive the audio from the other.
# Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency</strong></td>
<td>2.402-2.480GHz</td>
</tr>
<tr>
<td><strong>Bluetooth Version</strong></td>
<td>CSR BC8670, V4.1, Class II</td>
</tr>
<tr>
<td><strong>Transmission Range</strong></td>
<td>33 ft. / 10 m</td>
</tr>
<tr>
<td><strong>Codec</strong></td>
<td>AptX Low Latency, AptX, SBC, FastStream</td>
</tr>
<tr>
<td><strong>Supported Pin Codes</strong></td>
<td>0000, 1111, 1234, 8888</td>
</tr>
<tr>
<td><strong>Built-in Battery</strong></td>
<td>350mAh/3.7V Rechargeable Lithium battery</td>
</tr>
<tr>
<td><strong>Working time</strong></td>
<td>AUX: 15 hours</td>
</tr>
<tr>
<td></td>
<td>SPDIF: 12 hours</td>
</tr>
<tr>
<td><strong>Charging Time</strong></td>
<td>2 hours, DC 5V x 300mA</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>2.36 x 2.36 x 0.83 in. / 60 x 60 x 21 mm</td>
</tr>
<tr>
<td><strong>Net Weight</strong></td>
<td>1.4 oz / 39.2 g</td>
</tr>
</tbody>
</table>
Troubleshooting

Q: Why is my EA-TR1 not turning on?
A: Connect the EA-TR1 to a USB power source (i.e. computer or charging adapter). If the LED indicator shines solid red, allow the adapter to charge for 2 hours.

Q: Why can’t I pair the EA-TR1 with other Bluetooth devices?
A: Please check the following:
• Disconnect your Bluetooth speakers or headphones from your smartphone or tablets, then reboot your Bluetooth devices.
• Reset the EA-TR1 by setting the transmitter-receiver switch to a different mode, then restart the pairing process.
• Make sure both the EA-TR1 and your Bluetooth devices are in their pairing modes.
• Make sure the EA-TR1 and your device are within 1 foot from each other.

Q: How can I reset the EA-TR1?
A: Follow the steps below:
1. Power off the EA-TR1 while it is in TX mode.
2. Wait at least 3 seconds before setting the transmitter-receiver switch to RX mode, then turn on the adapter in RX mode. (All connections previously saved in TX mode will have been deleted.)
3. Turn off the adapter and wait 3 seconds before switching it back to TX. The reset has been completed for TX mode.
4. Repeat steps 1-3 for RX mode.

Q: Do I need to pair my device(s) each time I use the EA-TR1?
A: The EA-TR1 will remember the last device(s) it was paired with. You will only need to pair a device when the EA-TR1 is initially turned on, or when you wish to switch Bluetooth devices. If the adapter goes into standby mode, you will need to re-start the pairing process.

Q: After connecting and pairing my Bluetooth device, I can't hear any music from the speaker.
A: Please check the following:
• Verify that the adapter and your Bluetooth devices have successfully been paired to each other. (The LED indicator on the EA-TR1 will shine a solid blue.)
• Make sure the volume on your Bluetooth device is at an audible level.
• Check if the audio output (3.5 mm, RCA or digital optical port) has been selected as the default output.
• Check if the audio output switch is on the correct setting.

Q: Can I use the EA-TR1 while it’s charging?
A: The EA-TR1 can be used for either transmitting or receiving audio while it is charging. Please note:
• You may hear static when you use a power adapter with a lower voltage than the EA-TR1.
• Make sure you plug the EA-TR1 to an external power source before turning it on.
• Frequently charging the EA-TR1 may shorten the battery’s lifespan.

Q: Why do I still have some noticeable audio delay even though the EA-TR1 is marketed as aptX Low Latency?
A: Please note that aptX Low Latency does not necessarily mean zero latency. Compared with other codecs, the latency of aptX Low Latency has been greatly reduced to 30-40ms, whereas aptX is about 60-80ms and SBC is about 170-270ms. In addition, please take note of the following:
• A latency of 30-40ms would still be unacceptable for a live performance or in-ear monitoring (IEM).
• The EA-TR1 will only be operating at aptX or SBC if your Bluetooth device does not support aptX Low Latency.

Q: Does the EA-TR1 support hands-free calling while paired with my phone in receiver mode (RX)?
A: No, the EA-TR1 does not have a built-in microphone. The adapter will be temporarily disconnected when there is an incoming call; your phone will automatically re-pair with the adapter when the call is finished.
Warranty

Terms & Policy

Etekcity warrants all products to be of the highest quality in material, craftsmanship and service for a minimum of 1 year, effective from the date of purchase. Warranty lengths may vary between product categories. For specific warranty terms, please refer to your product’s listing page or operation manual.

Under the limited warranty, Etekcity will replace or refund any product found to be defective due to manufacturer flaws based on eligibility. This warranty extends only to personal use and does not extend to any product that has been used for commercial use, rental use, or any other use in which the product is not intended for. There are no warranties other than the warranties expressly set forth with each product.

This warranty is non-transferrable. Etekcity is not responsible in any way for any damages, losses or inconveniences caused by equipment failure or by user negligence, abuse, or use noncompliant with the user manual or any additional safety, use, or warnings included in the product packaging and manual.

Etekcity and its subsidiaries assume no liability for damage caused by the use of the product other than for its intended use or as instructed above and in the user manual. Some states do not allow this exclusion or limitation of incidental or consequential losses so the foregoing disclaimer may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Should your product prove defective within the specified warranty period, please return the defective unit in its original packaging with (1) an original copy of the invoice, (2) your order confirmation number, (3) and your warranty ID number.

Exceptions and Exclusions

• Damage due to abuse, accident, alteration, misuse, tampering or vandalism.
• Improper or inadequate maintenance.
• Damage in return transit.
• Unsupervised use by children under 18 years of age.

<table>
<thead>
<tr>
<th>Date of Purchase</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Place of Purchase</td>
<td></td>
</tr>
<tr>
<td>Order Number</td>
<td></td>
</tr>
</tbody>
</table>
Customer Support

Should you encounter any issues or have any questions regarding your new product, feel free to contact our helpful Customer Support Team. Your satisfaction is ours!

Customer Support

Etekcity Corporation
1202 N Miller St. Suite A
Anaheim, CA 92806

Toll-Free: (855) 686-3835
Fax: (657) 202-1693
Local: (657) 500-1872
Email: support@etekcity.com

Support Hours

Monday - Friday:
9:00 am - 5:00 pm PST

*Please have your order confirmation number ready before contacting customer support.
Scan here to join the community!
Visit us at www.etekcity.com