



Tewtross Bluetooth Audio Transmitter Receiver Digital Optical SPDIF User Manual

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Tewtross

Tewtross Bluetooth Audio Transmitter Receiver Digital Optical SPDIF

**Production description:**

TEWTROSS BTA003 is a Bluetooth transmitter and receiver 2 in 1 adapter.

As a Bluetooth Transmitter, it transmits audio sound from your TV, Mp3, Computer etc. to your Bluetooth headphone, Speaker, Receiver etc. wirelessly after pairing successfully.

As a Bluetooth Receiver, it can receive & play audio sound from your Mobile, tablet etc. on your Home Theater, Speaker System, Headphone etc. wirelessly after pairing successfully

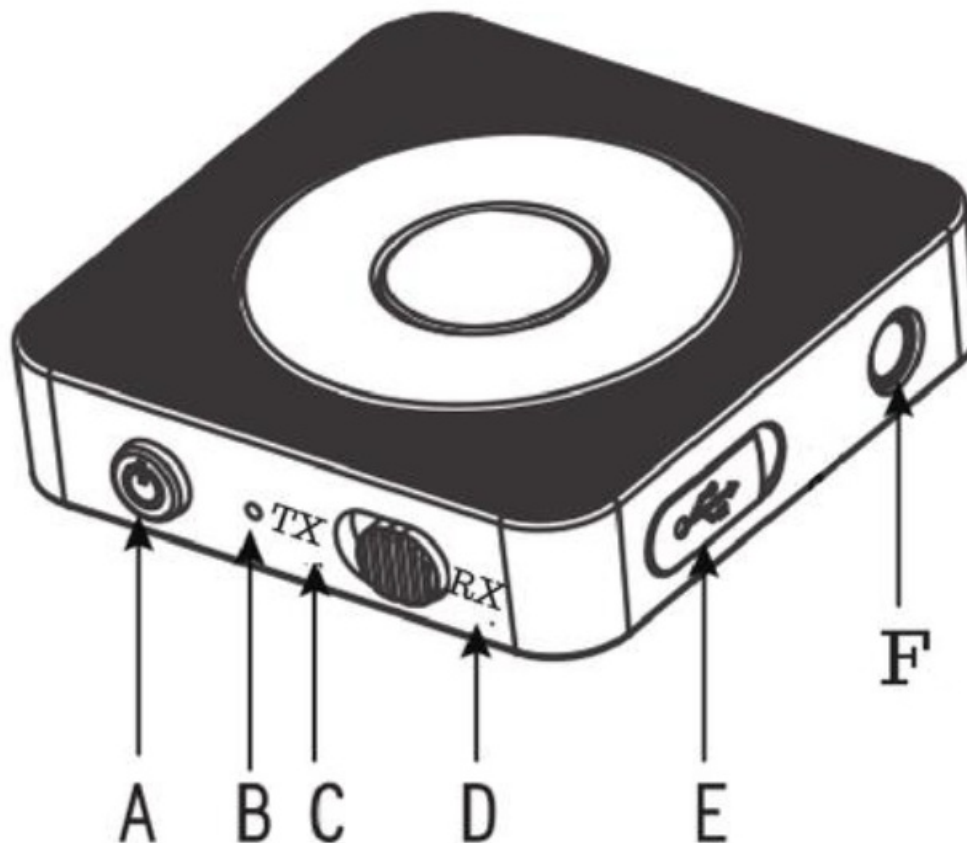
Please read the User Manual carefully before use.

We Wish You Enjoy the Joy of Wireless Music & Audio

IMPORTANT NOTE:

- CHANGE THE MODE BY SLIDING THE BUTTONS TO THE DESIRED SIDE ONLY IN SWITCH OFF CONDITION. CHANGES WILL NOT BE IMPLEMENTED IN SWITCH ON CONDITION.
- WAIT 5 SEC BEFORE CHANGING MODES, AS IT TAKES FEW SECS FOR CHIPSET POWER TO FINISH OFF COMPLETELY.
- IF DEVICE IS SWITCHED ON IMMEDIATELY WITHOUT WAITING FOR 5 SECONDS, THEN THE CHIPSET MIGHT NOT REBOOT PROPERLY & MIGHT RESTART IN PREVIOUS WORKING MODE.

Image & Specification



- A: Power & MFB (Multi-Function Button)
B: LED indicator
C: TX-Bluetooth Transmitter mode
D: RX- Bluetooth Receiver Mode
E: Micro USB charging port
F: 3.5MM audio port (AUX)

Specification:

Model	TEWTROSS BTA003
Bluetooth version	V5.0 ClassII
Chipset	CSR BC8670
Frequency	2.402GHz-2.480GHz

Bluetooth receiver working time	Approx. 12 hours
Bluetooth transmitter working time	Approx. 13 hours
Full charging time	Approx. 2 hours
Bluetooth profile	A2DP
Supports dual connection (in Bluetooth transmitter mode)	If the Bluetooth device support the same CODEC, the transmitter connects with two Bluetooth speakers or two Bluetooth headsets simultaneously
Support dual connection in receiver mode	Supports connecting with two mobile phones
Pass code for Bluetooth headset, receiver, speaker etc.	0000 1111 1234 8888
CODEC	Priority APT-X, Second SBC
APT-X tips	<ul style="list-style-type: none"> – For Apt-X fast transmission the Bluetooth Headphone /speaker must also support Apt- X Codec (For 1 device) – SBC CODEC gets activated automatically for 2 device
Battery	250mAH rechargeable lithium battery

Charging supply	5VDC, 100-240V AC adapter ≥300MA
Working temperature	-10—55°C
Net weight	Approx. 18g
Dimension	43.8*43.8*12.4mm

Before Use

Charge the TEWTROSS device to full before using it for the first time.

While in use, if the RED LED flashes three times continuously it means the unit is low on power.

- Connect the charging cable with a AC or PC with the USB port
- Connect the charging cable with TEWTROSS BTA003 with micro USB port
- Takes Approx. 2 hours for Full Charge.

Bluetooth Transmitter Mode

Instructions:

Important Note: Slide the button to “TX” side when the device is in switched off condition (Slide after 5 seconds if it was in switched on state, as it takes few seconds to finish power completely from the chipset)

Tips:

1. All paired devices in RX mode will be deleted after power on in “TX” mode
2. Switching between modes (TX or RX) should be done while unit is in switch off condition. Please change mode etc. 5 seconds later after the unit power off

Note: While working as Bluetooth transmitter, it can store 4 devices and the stored devices will be updated by the latest paired ones. (To save time after power on, keep less devices paired as too many devices will take long time to reconnect while pairing.)

Tip: Automatically Reconnection time for transmitter mode TEWTROSS BTA003.

Stored 1st device: About 7 seconds

Stored 2nd device: About 12 seconds

Stored 3rd device: About 17 seconds

Stored 4th device: About 22 seconds.

1. Power on

While switch off, long press MFB for 3 seconds, Blue LED flashes twice to power on. Pairing or Connection

Mode: TEWTROSS BTA003 enters into pairing mode automatically (If any other already paired device is not

active.)

2. Power off:

Long press MFB for 3 seconds, Red LED flashes to power off. (Please switch on the unit after 5 seconds only, as power of the chipset may not finish instantly)

3. Pairing mode:

Power on the unit, double click the MFB, Blue LED flashes to enter pairing mode. If not connected in 2 minutes, the device will go in standby mode.

4. Clear up the existing pairing list:

Power off with the current working mode (TX or RX), 5 seconds later, switch to the other working mode, then power on, and the pairing information for the former mode will be cleared up. The Device automatically connects to the last paired & played device. For faster connection, make sure that the Bluetooth of all other device is switched off

5. Power off automatically

The device gets power off automatically when the battery voltages lower than 3.1V.

6. LED indicator in transmitter mode:

Power on	Blue LED flashes twice
Pairing	Blue LED flashes quickly
Disconnected standby mode	Blue LED flashes once every second
Connected mode	Solid Blue LED
Low voltage	Red LED flashes quickly
Charging	Solid Red
Fully charged	Red LED turns off

Steps for Bluetooth Transmitter Setup

Pairing & Using TEWTROSS BTA003 with Bluetooth headphone or speaker (A2DP enabled) for listening to TV, Pc, Mp3 audio wirelessly

1. First of all, turn on the Bluetooth speaker or headphone in Pairing Mode.

Make sure that no other Bluetooth is on in any other device

2. Long press MFB around 3 seconds to switch on until Blue LED flashes quickly & enters into pairing mode automatically OR double click MFB button to enter in to pairing mode while the device is already in a powered on state.
3. Keep the transmitter & Bluetooth headphone or Speaker together within 1 Mtr range, BTA003 will connect with Bluetooth speaker or headphone automatically in about 30 seconds
4. Connect the TEWTROSS BTA003 and TV with 3.5mm audio cable. (Plug one side of the audio cable to the audio output jack of the TV, the other side to BTA003)
5. Now you can hear the sound coming from TV in the Bluetooth headset or speaker. If No Audio sound is coming please ensure that you have inserted the Transmitter cable in the correct Audio out port of the TV, PC, Mp3 Etc. TV, Pc Audio Check Test-

Insert a simple wired headset to the Audio Out Aux port & see if sound is coming. If yes, then insert Transmitter aux cable to proceed. If no, then check the correct audio port & TV settings.

Note: Bluetooth headset or speaker must support A2DP to work together.

**Passcode for supported Bluetooth headset, Bluetooth receiver, Bluetooth speaker etc. is
"0000", "1234", "1111", "8888"**

Connection with two devices simultaneously while working as a Bluetooth transmitter

1. Let's name the two Bluetooth headsets or speakers as A and B.
2. Select TX mode for the device TEWTROSS BTA003 (While device is switched off)
3. Follow the mentioned pairing steps for Bluetooth transmitter to connect device A
4. After successful connection, switch off device A Bluetooth and TEWTROSS BTA003, and now pair Device B with TEWTROSS BTA003 (following the same pairing steps)
5. After successful connection with device B, switch off TEWTROSS BTA003.
6. Now switch on the device A after around 20-30 seconds. Then power on the TEWTROSS BTA003 (no need to enter into pairing mode), it will search and connect with device A and B automatically, the pairing time will take around 30 seconds. Connect with audio resource to check if the two devices could play simultaneously. If not, please switch off TEWTROSS BTA003, and switch on again after 5 seconds to connect with device A and B.

Tip: If still doesn't work, please rework the steps for two connections simultaneously.

Tips for pairing

1. Put the Bluetooth headset or speaker into pairing mode first. Then power on TEWTROSS BTA003. If the Bluetooth headset or speaker have already paired or connected with TEWTROSS BTA003 before, then it will connect automatically.
2. If TEWTROSS BTA003 doesn't connect with the Bluetooth headset or speaker after more than 1 minute, then please try to refresh both the devices pairing by restarting both the devices in pairing mode.

Bluetooth Receiver Mode Instructions for use

Slide the button to "RX" side (While the Device is switched off) to activate receiver mode.

Tips:

1. All the paired devices in TX mode will be deleted after power on in RX mode.
2. Switching between different mode (TX or RX) should be done while the device is in switch off condition (5 seconds later after the unit is switched off as it takes few seconds for the power to completely get finished from the chipset in use).
3. Stores up to 8 paired devices & is auto updated according to the last paired devices.

1. Power on:

Long press MFB for 3 seconds, Blue LED flashes twice to power on. (TEWTROSS BTA003 enters into pairing mode automatically if no already paired device is nearby)

2. Power off

Long press MFB for 3 seconds, Red LED flashes twice to power off. (If needed, please switch on the unit again after 5 seconds only, as voltage of the chipset may not finish instantly)

3. Pairing mode:

Power on the unit, double click the MFB, Blue & Red LED flashes alternatively & the unit enter into pairing mode. It power off automatically if not connected to any device for 5 minutes.

4. Play / Pause:

While playing music, short press MFB to pause or play.

5. Clear up the existing pairing list:

Power off with the current working mode, 5 seconds later, change to another working mode, then power on, the pairing information for the former mode will be cleared up automatically.

6. Re-Connecting with the already paired devices:

The device connects automatically to the last connected device.

For faster connection make sure that all other devices Bluetooth is Switched off.

7. Power off automatically

A. When the battery voltages lower than 3.1V

B. Without connection or pairing after 5 minutes (If already paired, it will take 1 more minute)

8. LED indicator

Power on	Blue LED flashes twice quickly
Pairing	Blue and Red LED flashes alternately
Disconnected standby mode	Blue LED flashes twice every three seconds
Connected standby mode	Solid Blue LED
Low voltage	Red LED flashes quickly
Charging	Solid Red
Fully charged	Red LED turns off

TEWTROSS BTA003 connection process with two devices simultaneously while working as a Bluetooth receiver

Note: TEWTROSS BTA003 can connect with two mobile phone simultaneously (but cannot not play music from two mobile phone at the same time. you can choose any mobile phone to play music, but you need to pause or end the music from another phone.)

1. Let's name the two mobile phones as A and B.
2. Follow the pairing steps to connect A with TEWTROSS BTA003, & after successful connection, please switch off the Bluetooth of mobile A. Double click MFB of TEWTROSS BTA003 to enter into pairing mode.
3. Connect mobile B with TEWTROSS BTA003. After successfully connection, Switch off TEWTROSS BTA003. Now switch on the Bluetooth of mobile A, and then power on BTA003, it will connect automatically with the two mobile phones in about 30 seconds.

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USB charging cable	1PC
User manual	1PC

Battery information

The full performance of a new battery is achieved only after two of three complete charge and discharge cycles. Do not leave a fully charged battery connected to a charger since overcharging may shorten battery lifetime. If left unused, a battery will lose power with passage of time, so if the device is not used for long time it is suggested to charge once in a month time. Leaving the device in hot or cold places, such as in closed car in summer or winter conditions will reduce the capacity and lifetime of the battery. Should always try to keep the battery between 15 °C and 25 °C. Battery performance is particularly limited in temperatures well below freezing .Do not dispose of batteries in a fire as they may explode .Battery may also explode if damaged.

Safety instruction

The following suggestions will help you effectively use the device for long time.

1. Keep the adapter in dry place. Water, moisture and all kinds of liquids or moisture can damage or corrode the electronic circuit.
2. Keep the device in clean place. Dust can damage the device.
3. Do not use equipment stored when overheated, high temperature will shorten the life of electronic devices, damage batteries, make some plastic parts deform or melt.
4. Do not use equipment if it was stored a cold place because when the device comes to room temperature, moisture will get deposited, which will damage the chipset.
5. Do not try to un assemble the device.
6. Do not use strong chemicals, detergent or detergent to clean the device.
7. Keep the unit away from children.

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Documents / Resources

<div data-bbox="151 107 263 129"><p>Tewtross</p><p>Bluetooth Audio Transmitter and Receiver</p></div> <div data-bbox="172 143 242 217"></div> <div data-bbox="151 230 263 286"><p>WELCOME to the Wireless World of Tewtross!</p><p>► Important disclaimer:</p><p>©2018 Tewtross. All rights reserved. This document is the property of Tewtross. It contains confidential information and is intended for internal use only. It is not to be distributed outside of Tewtross without prior written permission. Please email sales@tewtross.com for more information.</p><p>We Wish You Every Success in Your Wireless World!</p></div>	<div data-bbox="319 174 1444 241"><p>Tewtross Bluetooth Audio Transmitter Receiver Digital Optical SPDIF [pdf] User Manual</p><p>Bluetooth Audio Transmitter Receiver Digital Optical SPDIF</p></div>
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