



# Welcome Guide

TROND BT-DUO S Wireless Transmitter & Receiver

Thank you for purchasing **TROND BT-DUO S 2-in-1 Bluetooth V4.1 Transmitter & Receiver**. We understand that you can choose from a vast array of competing brands, and we are grateful that you chose TROND instead.

Please read this welcome guide carefully before use in order to achieve the best performance, and please keep this guide for future reference.

## **TROND Customer Care**

All TROND products come with 18-month product warranty & 30-day money back guarantee. If unluckily you come across any defective product, please simply email us at [support@etrond.com](mailto:support@etrond.com) anytime, and our service team will usually respond to you within 24 hours. With TROND, you can rest assured and stay in good hands!

## **Package Includes:**

- 1 \* TROND BT-DUO S 2-in-1 Bluetooth V4.1 Transmitter & Receiver
- 1 \* 3.5mm male to 3.5mm male aluminum adapter
- 1 \* 3.5mm male to 3.5mm male audio cable
- 1 \* 3.5mm male to RCA female audio cable
- 1 \* USB to micro USB charging cable
- 1 \* welcome guide

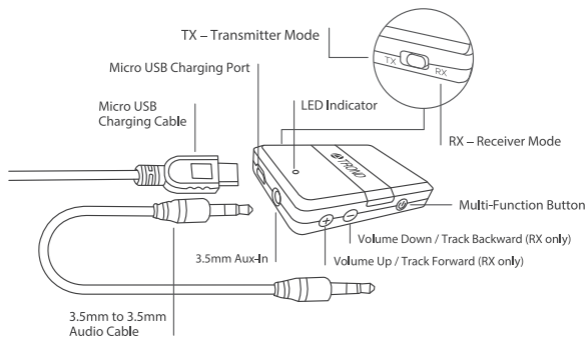
## Technical Specifications:

Product Name	TROND 2-in-1 Bluetooth Transmitter & Receiver
Model Number	BT-DUO S
Bluetooth Version	V4.1, Class II
Bluetooth Chipset	CSR BC8670, Bluetooth Profile: A2DP / AVRCP
Transmit Range	Up to 33ft / 10m
Frequency	2.402GHz ~ 2.480GHz
Codec	TX mode: aptX Low Latency, aptX, SBC RX mode: aptX Low Latency, aptX, SBC
Built-in Battery	200mAh/3.7V Rechargeable Lithium battery
Receiver Working Time	Up to 9 hours
Transmitter Working Time	Up to 10 hours
Charging Time	Around 2 hours, DC 5V $\geq$ 300MA
Dimensions	L 55 x W 38 x H 10.5 mm / 2.17 x 1.50 x 0.41 in
Net Weight	17.2 g / 0.61 oz

### Some information about codec:

- SBC delivers acceptable audio quality with approx. 220ms latency;
- aptX delivers CD-like audio quality with less than 130ms latency;
- aptX Low Latency delivers the same audio quality as aptX, but reduces the latency to approx. 40ms;

## Product Diagram:



### Note:

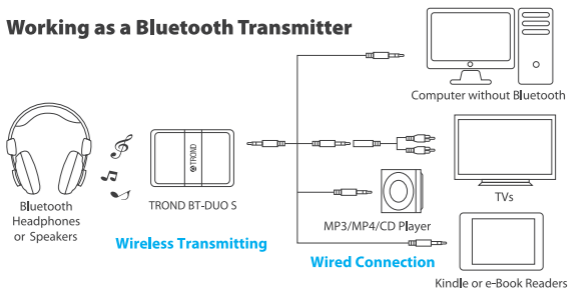
all the volume/track buttons as well as the microphone only work in the receiver mode, and are not active in the transmitter mode.

### Important Tips before Using:

- Your wireless headphones or speakers also need to support the codec of aptX Low Latency in order to reduce the audio latency to 40ms. Otherwise, the codec will be downgraded to aptX or even SBC. Please order "[TROND TD-BH01 Over-Ear Headphones](#)" to benefit from the unnoticeable audio lag while watching late TV shows at night.
- If the LED indicator flashes red continuously, it means BT-DUO S is working in low voltage and needs to be recharged ASAP. The indicator turns red while being recharged, and turns off once fully charged.

- Switch to the right working mode (TX or RX) before powering on. As a transmitter (TX), it should pair to receiving devices, such as Bluetooth headphones or speaker; as a receiver (RX), it should pair to transmitting audio sources, such as your phone or tablet. You can't pair two transmitting devices or two receiving devices together.
- If you want to use it as a transmitter and connect to your TV, please refer to the user manual of your TV and find the right AUDIO OUT port (3.5mm or white/red RCA), instead of any VIDEO or AUDIO IN ports. If your TV only offers the digital optical audio out port, you will need a digital to analog audio converter to set up the connection.
- If TROND BT-DUO S gets stuck and all the buttons stop working properly, please press & hold the MFB, and plug in the external USB charger to shut down BT-DUO S. Please note that this operation won't delete the previous pairing record.
- If you'd like to delete all the pairing record, please refer to the section of "Frequent Asked Questions" at the end of this user manual for how to reset TROND BT-DUO S.

## Working as a Bluetooth Transmitter



## Pair with Bluetooth headphones or Speaker

- Please disconnect Bluetooth headphones (or speaker) from your phone or tablet, and then turn off the headphones;
- Switch the working mode to TX, instead of RX. Turn on TROND BT-DUO S by long pressing the MFB for 2~3 seconds till the LED indicator flashes blue twice quickly. The first time you power on TROND BT-DUO S, the pairing process begins automatically and the LED indicator flashes blue & red alternately;
- Turn on your Bluetooth headphones, and activate the pairing mode of the headphones. Please refer to the user manual of your headphones for how to activate the pairing mode;
- Put the transmitter and the headphones close to each other, preferably with 1 foot distance, and those two will automatically pair together within 2-3 seconds. Once successfully paired, the LED indicator of TROND BT-DUO S would stay solid blue;
- Connect TROND BT-DUO S to your TV, iPod or other non-Bluetooth audio sources via the included 3.5mm audio cable (or the 3.5mm to RCA audio adapter if necessary), and start enjoying the wireless audio streaming;
- If you finish listening, please long press the MFB for 3 seconds to power off the transmitter. The LED indicator would flash red twice and then turns off. Or you could connect it to an external USB charger and make the transmitter always stay on.

### Note:

- To re-pair with the same headphones (speaker), please simply turn both of them on, instead of re-activating the pairing mode, and wait for the auto-pairing.

- To pair with new headphones (speaker), please quickly double tap the MFB to re-activate the pairing mode of the transmitter till its LED indicator flashes blue & red alternately, and then pair with your 2nd headphones.
- If you have any difficulty in pairing or re-pairing, please reset TROND BT-DUO S in the TX mode and start the pairing process all over again. Please refer to the section of “Frequent Asked Questions” at the end of this user manual for detailed steps.
- Smart Codec Indicator. TROND BT-DUO S transmitter can show you which codec is active after the pairing is completed, by displaying different indicator status.

<b>Codec</b>	<b>Blue LED Indicator</b>
SBC	blinks once every 10 seconds
aptX	blinks twice every 10 seconds
aptX Low Latency	blinks 3 times every 10 seconds

## **Pair with Two Bluetooth Headphones or Speakers**

In the TX mode, TROND BT-DUO S can be connected to two Bluetooth headphones (speakers) simultaneously. Please closely follow the instructions below in order to pair with two devices (Device A, Device B):

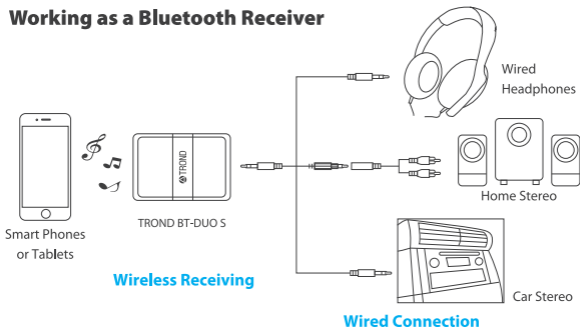
- Please make sure your Bluetooth headphones or speakers (Device A, Device B) are disconnected from your phone or tablet, and reset TROND BT-DUO S in the TX mode in order to delete all the previous pairing record;

- Please follow the previous instruction and pair TROND BT-DUO S to Device A. Once paired successfully, please power off both of them;
- Power on Device B and activate its pairing mode. Long press the MFB of the transmitter, and power it on. Then quickly double tap the MFB to activate its pairing mode. This way, you will pair the transmitter with Device B;
- Then power off the transmitter. At this time, only Device B is on;
- Simply power on Device A, instead of re-activating its pairing mode, and wait for about 10 seconds. Then power on TROND BT-DUO S, instead of re-activating pairing mode. It will automatically find Device A & B, and finish the final pairing, which may take up to 30 seconds;

## Note:

- TROND BT-DUO S won't support aptX or aptX Low Latency anymore, when it pairs with two Bluetooth devices. Instead, the codec will be downgraded to SBC as is the same with most other Bluetooth transmitters in the market. If you'd like to have aptX Low Latency for both two headphones, please order "[TROND BT-DUO II](#)" instead.
- If one of two headphones or speakers doesn't play audio, please power off the headphones (or both two headphones), and power it on again to find out whether this problem could be fixed. If not, please re-start the pairing process all over again, starting from Step 1 in the above.

## Working as a Bluetooth Receiver



## Pair with Your Phone

Switch the working mode to RX, instead of TX, and connect TROND BT-DUO S to your wired headphones or speaker.

- Long press the power button for 2~3 seconds to power on. The first time you power it on, the pairing process begins and the LED indicator flashes blue & red alternately;
- Activate the Bluetooth function on your phone, and search for new devices;
  - a) For iPhone: Settings > Bluetooth > On
  - b) For Android: Settings > Bluetooth: On > Scan for devices  
(Note: Menus may vary by different devices.)
- Please select "TROND BT-DUO S" for pairing. Once successfully paired, the blue indicator would stay on.
- Please quickly tap the volume up/down buttons to turn up or down the volume, and long press the same buttons to enable track forward or backward.

## Note:

- To re-pair with the same phone, please simply power on the receiver by long pressing the MFB for 2~3 seconds, and wait for the auto-pairing.
- To pair with a new phone, please quickly double tap the MFB to activate its pairing mode after powering on. The LED indicator flashes blue & red alternately. Then use your 2nd phone to search and pair.
- The receiver will automatically power off if no device is paired within 6 minutes in the standby mode or the pairing mode.
- If you have any difficulty in pairing or experience the unsteady connection, please reset TROND BT-DUO S in the RX mode and start the pairing process all over again. Please refer to the section of "Frequent Asked Questions" at the end of this user manual for detailed steps.
- Smart Codec Indicator. Similar to the TX mode, TROND BT-DUO S receiver can show you which codec is active after the pairing is completed, by displaying different indicator status.

Codec	Blue LED Indicator
<b>1. Before music starts playing</b>	Stays on
<b>2. After music starts playing:</b>	
SBC	blinks once every 10 seconds
aptX	blinks twice every 10 seconds
aptX Low Latency	blinks 3 times every 10 seconds

## Pair with Two Phones

- Pair your TROND BT-DUO S with the first phone as mentioned above;
- Turn off the Bluetooth function of the first phone. Then quickly double tap the MFB of the receiver to re-activate its pairing mode and use your 2nd phone to make the pairing;
- Turn off the receiver, and activate the Bluetooth function of the first phone.
- Then power on the receiver, instead of re-activating its pairing mode, and wait for the auto-pairing, which might take up to 30 seconds. Now the receiver would automatically pair to those two phones when in range.

### Note:

As a receiver, TROND BT-DUO S can only receive the audio from one phone at a time. You need to pause the music on one phone first in order to play music from the other phone.

## Frequently Asked Questions:

### Why can't my TROND BT-DUO S switch on?

**A:** Please recharge it and make sure the battery has enough power. Simply plug the unit to an active USB power source to see if the LED indicator becomes solid red.

**Q: Why can't I pair TROND BT-DUO S with other Bluetooth devices?**

**A:** Please check the following points:

- Disconnect your BT speakers or headphones from your phones or tablets and then reboot those BT devices.
- Verify whether TROND BT-DUO S and your BT devices are in pairing modes, by checking their LED indicators;
- Put TROND BT-DUO S and your device close to each other when pairing, preferably with 1 foot distance;
- RESET TROND BT-DUO S by switching between two different working modes, and then restart the pairing process;
- Email TROND customer service at [support@etrond.com](mailto:support@etrond.com) for any technical assistance.

**Q: How can I reset TROND BT-DUO S in the TX mode?**

**A:** Please follow the steps below:

- Power off TROND BT-DUO S while it's in the TX mode;
- Wait for at least 3 seconds, switch to the RX mode and then power it on. Up till now, all the pairing record saved in the TX mode is now deleted;
- Power it off, switch back to TX, and start using it as a transmitter.

**Q: How can I reset TROND BT-DUO S in the RX mode?**

**A:** Please follow the steps below:

- Power off TROND BT-DUO S while it's in the RX mode;
- Wait for at least 3 seconds, switch to the TX mode and power it on. Up till now, all the pairing record saved in the RX mode is now deleted;
- Power it off, switch back to RX, and start using it as a receiver.

**Q: Do I need to make the pairing each time when I use it?**

**A:** No, TROND BT-DUO S remembers the previously-paired devices and supports the auto-pairing. Please turn on TROND BT-DUO S and your paired devices for the auto-pairing which may take up to 30 seconds. Please DO NOT manually re-activate the pairing modes once again.

**Q: After pairing, why can't I hear any music from my headset or speaker?**

**A:** Please check the following:

- Please check whether BT-DUO S successfully pairs to your target BT devices;
- Make sure the sound volume of both paired devices is at audible level;
- Check whether BT-DUO S is connected to the right AUDIO OUT port of your TV, instead of any video or audio input port;
- Please go to the audio setting of your TV and find out whether you need to change the audio output setting. You may also unplug the external speaker from your TV.

**Q: Can I use TROND BT-DUO S while it's charging?**

**A:** Yes, TROND BT-DUO S can be used as a Bluetooth transmitter or receiver while it's charging. Please note that you may hear the static noise when you use an inferior power adapter or when the adapter runs very low on the battery;

**Q: Why does the audio lag still exist even though my headphones are from big brands such as Bose?**

**A:** Even though TROND BT-DUO S boasts of aptX LL, there're still several reasons which could lead to the noticeable audio lag.

- AptX LL helps to reduce the latency to about 40ms, but it doesn't promise zero audio lag. The latency of 40ms would be still unacceptable for live performance or in-ear monitoring (IEM);
- Those big brands are usually well-known for superior audio quality. However, it doesn't mean that they would adopt the latest technology such as aptX LL. We would suggest you contacting your device manufacturer about which codec your device could truly support;
- If your Bluetooth device doesn't support aptX LL, the codec will be downgraded to aptX or SBC, which will definitely lead to much more noticeable audio latency.
- Beware, there're some BT headphones which falsely advertise the concept of low latency, whereas they actually don't support the codec of aptX LL. We would suggest you ordering ["TROND TD-BH01 Over-Ear Headphones"](#) or ["TROND BT-RX S Bluetooth V4.2 receiver"](#) for the best low latency performance.

**Q: Does TROND BT-DUO S support hands-free calling while paired with my phone in the RX mode?**

**A:** No, TROND BT-DUO S doesn't support hands-free calling, as it doesn't have the built-in microphone. Therefore when there's any incoming call, TROND BT-DUO S will be temporarily disconnected from your phone, and you can use your phone to answer the call. Please also note that the microphone as well as the volume/track buttons on your wired headphones or speaker will become inactive once they are connected to the receiver.

## **Cautions :**

- Keep the adapter away from heat and humidity
- Do not expose the adapter to direct sunlight or extreme hot
- Do not try to take the adapter apart. It may cause serious damage
- Do not drop or knock the adapter on hard surfaces as it damages the interior circuit
- Do not use chemicals or detergents to clean the product
- Do not scrape the surface with sharp objects

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## **Statement:**

The following are not covered by our warranty:

- 2nd hand purchase or purchase from a non-authorized seller/distributor;
- Damage resulted from abuse, fire, poison and moisture;
- Products dismantled by customers

## **Contact Us:**

For any inquiries or comments concerning our products, please contact us at below. If you have the order number, please include it as reference. We will try to respond to all emails within 24 hours.

- **E-Mail:** [support@etrond.com](mailto:support@etrond.com)
- **Website:** [www.etrond.com](http://www.etrond.com)



E-Mail: [support@etrond.com](mailto:support@etrond.com)  
Website: [www.etrond.com](http://www.etrond.com)