



Bluetooth® Long Range Transmitter and Receiver

P/N 43243

User's Manual

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately remove it from its power source and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Do not expose this device to excessive vibration, extreme force, shock, or fluctuations in temperature or humidity.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near a heat source, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Do not place or install this device in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.
- This device contains a Lithium-polymer battery. Dispose of this device only in accordance with local, state, or federal regulations for electronic waste.
- Charge the battery before first use and at least once every two months to keep it fresh and capable of holding the full charge.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.

CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website www.monoprice.com or via email at support@monoprice.com. Check the website for support times and links.

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x Bluetooth® Transmitter and Receiver

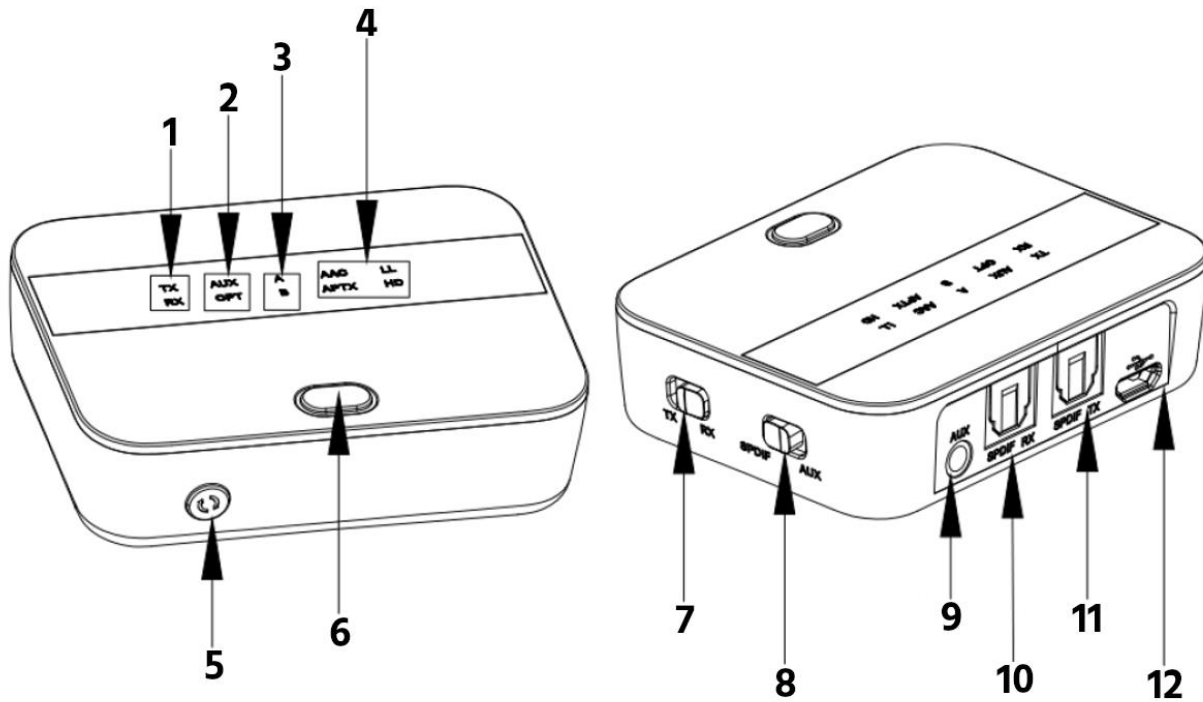
1x Fiber Optic Cable

1x 3.5mm Audio Cable

1x Micro USB Charging Cable

1x User's Manual

PRODUCT OVERVIEW



1. Operating Mode LEDs
2. Audio Mode LEDs
3. Connected Device LEDs
4. Codec LEDs
5. Pairing Button
6. Multifunction Button (MFB)/Charge LED
7. Operating Mode Switch
8. Audio Mode Switch
9. 3.5mm AUX Audio Jack
10. SPDIF Optical Audio RX (Output) Port
11. SPDIF Optical Audio TX (Input) Port
12. Micro USB Charging Port

BASIC OPERATION

Button	Function	Operation
Multifunction Button (MFB)	Power On	TX Mode: Press and hold for 3 seconds.
		RX Mode: Press and hold for 2 seconds.
	Power Off	Press and hold for 2 seconds.
	Play/Pause	RX Mode Only: Momentarily press.
	Delete Pairing Record	TX Mode Only: With power on or off, press and hold for 7 seconds to delete all paired receivers (headphones, speakers, etc.).
Pairing Button	Enter Pairing Mode	With power on, momentarily press to enter Pairing Mode. The Operating Mode Indicator flashes rapidly. This is not functional when a Multipoint Connection is active.
	aptX™ HD On/Off	With power on, press and hold for 7 seconds.
Operating Mode Switch	Slide the switch to select RX Mode or TX Mode. When switching with power on, wait for the Operating Mode and Audio Mode Indicators to illuminate before switching the Operating Mode.	
Audio Mode Switch	Slide the switch to switch between the AUX and Optical inputs.	

LED INDICATORS

Function	LED Indicator Status
Power On/Off	TX Mode: TX LED flashes twice.
	RX Mode: RX LED flashes twice.
Pairing	TX Mode: TX LED flashes rapidly.
	RX Mode: RX LED flashes rapidly.
Disconnected Standby	TX Mode: Blue LED flashes once every second.
	RX Mode: Blue LED flashes twice every 3 seconds.
Connected Standby	RX Mode: Solid blue LED.
Connected Operating	TX LED on when in SBC mode. aptX LED on when in aptX™ mode. LL LED on when in aptX Low Latency mode. HD LED on when in aptX HD mode.
	RX LED on when in SBC or AAC mode. aptX LED on when in aptX™ mode. LL LED on when in aptX Low Latency mode. HD LED on when in aptX HD mode. AAC LED on when in AAC mode.
AUX	AUX LED on.
SPDIF	OPT LED on.
aptX™ HD On	TX Mode: TX LED flashes once.
	RX Mode: RX LED flashes once.
aptX HD Off	TX Mode: TX LED flashes twice.
	RX Mode: RX LED flashes twice.
Connected With One Device	A LED on.

Multipoint Connection	A and B LEDs on.
Delete Pairing Record	TX Mode: TX and Charge LEDs flashes twice.
Low Voltage	Charge LED flashes red.
Charging	Charge LED solid red.
Fully Charged	Charge LED off.

CHARGING

The internal battery should be charged before first use and at least once every two months to keep the battery fresh and capable of holding a full charge.

1. When the **Charge LED** begins to flash red, the battery is low and needs to be recharged.
2. If power is on, press and hold the **Multifunction Button (MFB)** for 2 seconds to turn the unit off.
3. Plug one end of the included **Micro USB Charging Cable** into the **Micro USB Charging Port**, then plug the other end into a wall charger, power bank, computer, or other USB power source (available separately). The **Charge LED** will illuminate solid red.
4. When charging is complete, the **Charge LED** will turn off.

TRANSMITTER (TX) MODE

Bluetooth® Pairing and Connection

1. With power off, slide the **Operating Mode Switch** to the TX position.
2. Press and hold the **Multifunction Button (MFB)** for 3 seconds to power the unit on.

3. Momentarily press the **Pairing Button** to enter Bluetooth® pairing mode. The **TX LED** flashes rapidly to indicate it is in Bluetooth pairing mode.
4. Power on your receiving device (headphones, speakers, etc.) and put it into Bluetooth® pairing mode.
5. Place your receiving device next to the transmitter. They should pair within 5-30 seconds. Once paired, the **TX**, **A**, and **Codec LEDs** will illuminate according to the currently active codec.
6. Plug one end of the included **3.5mm Audio Cable** into the **3.5mm AUX Audio Jack** on the transmitter, then plug the other end into the headphones jack on your phone, mp3 player, television, etc. Alternatively, plug one end of the included **Fiber Optic Cable** into the **SPDIF TX** port on the transmitter, then plug the other end into the optical audio output port of another audio source device (DVD player, television, etc.).
7. You are now ready to play audio and hear it on your receiving device.

Multipoint Connection

1. Perform the steps in the *Bluetooth® Pairing and Connection* section above.
2. Momentarily press the **Pairing Button** to put the transmitter into Bluetooth pairing mode. The **TX LED** flashes rapidly, indicating that it is in Bluetooth pairing mode.
3. Power on your second receiving device (headphones, speakers, etc.) and put it into Bluetooth pairing mode.
4. Place the second receiving device next to the transmitter. They should pair within 5-30 seconds. Once paired, the **TX**, **A**, **B**, and **Codec LEDs** will illuminate according to the currently active codec*.
5. If pairing is unsuccessful, turn off the transmitter, wait about 30 seconds, then turn it back on and retry the pairing process for each device.

*The selected codec depends on which codecs are supported by each receiving device. The codec priority is aptX™ HD, aptX™ Low Latency, aptX™, and SBC. The best quality codec that is common to both devices will be selected.

RECEIVER (RX) MODE

Bluetooth® Pairing and Connection

1. With power off, slide the **Operating Mode Switch** to the **RX** position.
2. Press and hold the **Multifunction Button (MFB)** for 2 seconds to power the unit on.
3. Momentarily press the **Pairing Button** to enter Bluetooth® pairing mode. The **RX LED** flashes rapidly, indicating that it is in Bluetooth pairing mode.
4. With your phone in close proximity to the receiver, open the Bluetooth settings and scan for nearby Bluetooth devices.
5. Locate and select the **MP43243** entry. If prompted for a passcode, enter **0000** (four zeros). The devices should connect within 5-30 seconds. Once connected, the **RX** and **A LEDs** will illuminate.
6. Using the included **3.5mm Audio Cable**, plug one end into the audio input on your speakers, amplifier, headphones, etc., then plug the other end into the **3.5mm AUX Audio Jack** on the receiver. Alternatively, using the included **Fiber Optic Cable**, plug one end into the optical input port on your speakers, amplifier, etc., then plug the other end into the **SPDIF RX** port on the receiver.
7. You are now ready to play music on your phone and hear it on your connected device (speakers, amplifier, headphones, etc.).

Multipoint Connection

1. Perform the steps in the *Bluetooth® Pairing and Connection* section above.
2. Momentarily press the **Pairing Button** to put the receiver into Bluetooth pairing mode. The **RX LED** flashes rapidly, indicating that it is in Bluetooth pairing mode.
3. With your second phone in close proximity to the receiver, open the Bluetooth settings and scan for nearby Bluetooth devices.
4. Locate and select the **MP43243** entry. If prompted for a passcode, enter **0000** (four zeros). The devices should connect within 5-30 seconds. Once connected, the **RX, A, and B LEDs** will illuminate.

5. You are now ready to play music from either connected phone and hear it on your connected device (speakers, amplifier, headphones, etc.). Note that you can only play audio from one phone at a time. If you want to play audio from the second phone, stop playback on the first phone, then start playback on the second phone.

SPECIFICATIONS

P/N	43243
Bluetooth® Version	5
Bluetooth Frequency Range	2.402 ~ 2.480 MHz
Bluetooth Chipset	Qualcomm® CSR8675
Bluetooth Range	Class II, up to 32 feet (10 meters)
Supported Bluetooth Profiles	A2DP, AVRCP
Bluetooth Pairing Name	MP43243
Supported Codecs	aptX™ HD, aptX Low Latency, aptX, SBC, AAC (RX only)
Battery Type	3.7V Lithium-polymer
Battery Capacity	620mAh
Charging Time	About 2 hours
Standby Time	About 60 hours (RX Mode)
AUX Operating Time	RX: about 20 hours TX: about 23 hours
S/PDIF Operating Time	RX: about 19 hours TX: about 25 hours
Operating Temperature	+14 ~ +131°F (-10 ~ +55°C)
Dimensions	2.8" x 2.0" x 0.8" (70 x 52 x 20 mm)
Weight	1.5 oz. (42g)

TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **www.monoprice.com** or through email by sending a message to **tech@monoprice.com**. Check the website for support times and links.

To download the latest drivers, firmware, manuals, etc., go to **www.monoprice.com** and type the **P/N** into the search bar. If available, support files are linked at the bottom of the product page.

REGULATORY COMPLIANCE

Notice for FCC



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio

communications. 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 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 that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radio Notice for FCC

Caution

This FCC Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice for Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radio Notice for Industry Canada

Caution

This IC RSS-210 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

This device complies with IC RSS-210. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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