

RTE 

BLUETOOTH® HEADPHONES



**SAMSON®**

Owner's Manual

# Introduction

Thank you for purchasing the Samson RTE 2 *Bluetooth*® Headphones! These *Bluetooth* headphones allow you to enjoy your music and other audio free of cables. These on-ear headphones also feature an incredibly comfortable, low-profile design, along with Samson's signature studio reference digital voicing, for a truly remarkable listening experience with no limits.

The RTE 2 headphones pair seamlessly with *Bluetooth* compatible devices such as laptops, tablets and smartphones, to wirelessly stream music up to 30' away from the audio source. The headphones feature aptX® technology for enhanced, high quality streaming audio\*.

The RTE 2 *Bluetooth* Headphones feature a variety of controls on the ear cup allowing you to move both forward and backward through your playlists, adjust the volume, as well as pause your music when the outside world requires your attention. Ideal for use with smartphones, the RTE 2 *Bluetooth* Headphones have an onboard microphone, as well as a Receive/End call button on the right ear cup, so you can take calls without ever having to touch your phone.

With a built-in rechargeable lithium ion battery, the RTE 2 *Bluetooth* Headphones can operate for over 14 hours at a full listening level, not to mention 200 hours in standby mode. The headphones can be charged from your computer via the included USB cable. For times when wireless connectivity is not possible, the RTE 2 headphones include an 1/8" (3.5mm) input for connecting directly to your audio source.

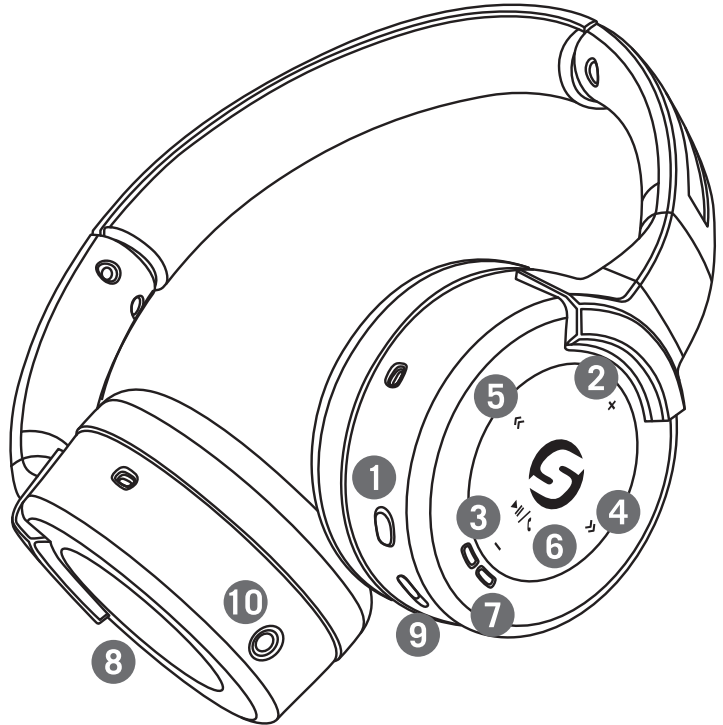
Featuring premium 40mm drivers surrounded by cushioned ear cups and an adjustable padded headband, Samson's RTE 2 *Bluetooth* Headphones are unmatched in sound, comfort and wireless capability.

Should your headphones ever require servicing, a Return Authorization (RA) number must be obtained before shipping your unit to Samson. Without this number, the unit will not be accepted. Please call Samson at 1-800-3SAMSON (1-800-372-6766) for an RA number prior to shipping your unit. Please retain the original packing materials and, if possible, return the unit in its original carton and packing materials. If you purchased your Samson product outside the United States, please contact your local distributor for warranty and service information. Also, be sure to check out our website ([www.samsontech.com](http://www.samsontech.com)) for complete information about our full product line.

*\*In order to utilize aptX technology, it must be incorporated in the transmitting and receiving device. For a complete listing of products that include aptX, visit <http://aptx.com/products/browse/categories>*

# Headphone Features

1. Multi-function button
2. Volume Up button
3. Volume Down button
4. Fast-Forward (Next Track) button
5. Rewind (Previous Track) button
6. Play/Pause/Phone button
7. Indicator Lights
8. NFC Area
9. Micro-USB charge port
10. 3.5mm auxiliary audio input



## Quick Start

Fully charge your RTE 2 *Bluetooth* Headphones before first use.

1. To charge your headphones plug the included USB cable into the USB port of your computer or a USB 5-volt adapter (smart phone charger) and plug the smaller end of the cable into the bottom of the right ear cup of your headphones. You will see a green light appear just above the charge port of your headphones.
2. When the battery is fully charged the green light indicator above the charge port will turn off.

Pairing your headphones to your device for wireless operation via *Bluetooth*:

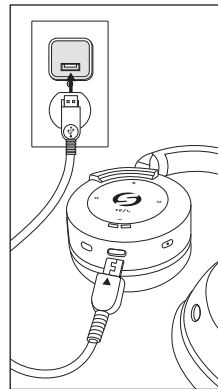
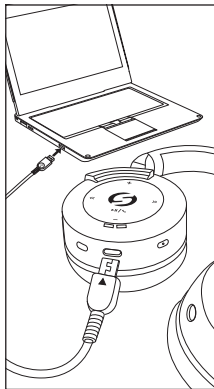
1. With the headphones powered off press and hold the Multi-Function button (located next to the charging port on the bottom of the right ear cup) for 5 seconds.
2. You will hear a quiet tone and the indicator light will flash blue once, then flash red for 3 seconds then you will hear a louder repeating two note tone and the indicator will repeatedly flash blue. Your headphones have now entered pairing mode.
3. Go into the *Bluetooth* settings/preferences of your music source and make sure your device is in discoverable mode.
4. In your music source's *Bluetooth* preferences select "Samson RTE 2"
5. If your device asks for a passkey, enter digits 0000 (four zeros) and press OK.

## Charging the battery

The RTE 2 headphones contains a battery capable of up to 14 hours of usage. Although the headphones battery will come partially charged from the factory, it is recommended to fully charge the battery before using the headphones. To charge the battery, the headset has to be connected with the included USB cable.

1. Connect the micro-USB plug into the USB port in the right side of the headphones.
2. Plug the large end in the USB port of the computer or USB 5-volt adapter.
3. While the battery is charging, a constant green light will illuminate on the right side of the headset. Once the battery is fully charged, the green indicator light will turn off.

*Note: When not in use, the battery will slowly self-discharge. If you are planning not to use the headphones for a long period of time, it is advised to partially discharge the unit and store in a cool place. Never leave your headphones in a hot environment, especially exposed to the sun.*



## Connecting with a *Bluetooth* device

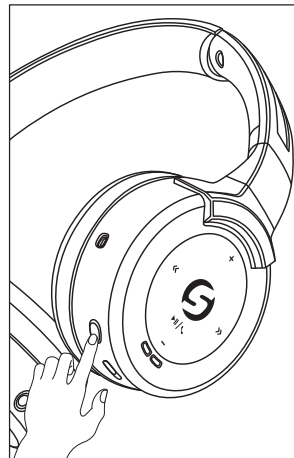
In order to use your RTE 2 headphones with a *Bluetooth* device, you must first pair the devices to create a wireless connection. The RTE 2 headphones will automatically connect to the *Bluetooth* device as long as the headphones have not been paired to another device.

1. With the headphones powered off, press and hold the Multi-function button for 5 second. A repeating two note audible sound will play and the indicator light will flash blue. The headphones are now in pairing mode.

*Note: While you are holding down the Multi-function button, the indicator will (1) flash blue once, (2) flash red for three seconds, then (3) repeatedly flash blue.*

2. In the settings of your *Bluetooth* device, set it to “discover” available devices.
3. From the *Bluetooth* device list, select the “Samson RTE 2” device.
4. If your device asks for a passkey, enter digits 0000 (four zeros) and press OK. Some devices may also ask you to accept the connection.
5. When the connection is established, the indicator light will flash a blue light two times every 5 seconds.

*Note: To clear the pairing settings from the headset, turn off the headset. Then press and hold the Multi-function button simultaneously with the down “-” volume button for 8 seconds. The indicator light will flash red and blue three times to indicate the pairing has been cleared.*



## Connecting with an NFC *Bluetooth* device

Near Field Communication (NFC) is a protocol that allows you to connect your RTE 2 headphones to your *Bluetooth* device with NFC technology simply by touching the device or bringing the device into close proximity.

1. Enable the NFC function on your *Bluetooth* device.
2. Gently touch your music device on the RTE 2's NFC detection area (located on the center of the left ear-cup).
3. Your music device should now recognize the signal from the headset.  
*Note: If the music device and the headset are pairing for the first time, you will need to accept the pairing on the music device.*
4. When the signal has been accepted on your music device, the headset will be paired and ready for use.

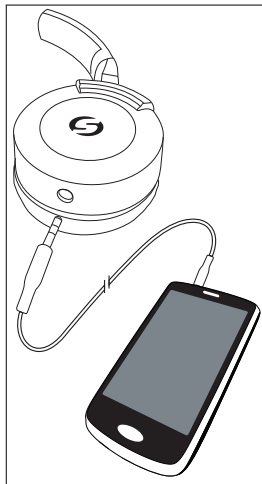


## Using the Optional Audio Cable

The headset has an auxiliary input located on the left ear cup. The auxiliary input can be used to listen to music from most devices with a 3.5mm audio output. This allows the headphones to work with devices without *Bluetooth* technology, if the headphone battery is not charged, or if wireless connectivity is not available.

The headphones do not need to be powered on when using the auxiliary input. Simply plug the cable into the 3.5mm input and your respective audio device.

*Note: When the AUX cable is inserted, the Bluetooth function and the built-in microphone will be disabled.*





## Controls and Indicators

Function	Control
Power On/Off	Press and hold the Multi-function button for 3 seconds.
Play/Pause Music	Press the Play/Pause/Phone ►  /◀ button once.
Rewind	Press and hold the left ◀◀ arrow button.
Fast-Forward	Press and hold the right ▶▶ arrow button.
Next Track	Press the right ▶▶ arrow button once.
Previous Track	Press the left ◀◀ arrow button once to go to the beginning of the current track and twice to go to the previous track.
Volume Up and Down	Press the plus + button to raise the volume and the minus – button to lower the volume.

Function	Tones
Power On	Four ascending tones
Power off	Four descending tones
Loss Connection Reminder	Series of link loss tone
No connection	Series of link loss tone
Answer/Cancel/End call	Single short high tone
Reject/Transfer call	Single long mid tone
Min/Max volume	Short high tone
Battery low	3 note descending once a minute

Function	Indicator Status
Pairing mode	Blue (blinking)
Low Battery	Red (flash once per minute)
Standby (no connection)	Red (blinking)
Standby	Blue (flash slowly)
Clear/Reset Setting	Red and blue (flash three times)
Charging	Green (Off when fully charged)

# Important Safety Information

1. Heed all warnings
2. Keep and follow all instructions.
3. The operating temperature range in user manual: from 0 degree Celsius to 45 degree Celsius. DO NOT use this apparatus near water
4. Clean only with dry cloth
5. DO NOT disassemble or replace the battery. If you suspect there is something wrong with the battery, please carry the unit to the service center for help.
6. CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS
7. The battery should not be disposed together with other waste. The battery has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and healthy way.
8. Unplug this apparatus during lightning storms or when unused for long periods of time
9. DO NOT install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
10. Only use accessories specified by the manufacturer
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## FCC Information

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.

**CAUTION:** To comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC Rules, this device is comply with Class B limits. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may results in interference to radio or reception.

**MODIFICATION:** Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the 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.

### EMC/RF requirements

EU Declaration of Conformity:

The equipment complies according to the Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC. This equipment meets the following conformance standards:

Safety: EN 60065:2002/A12:2011

Health: EN 62479: 2010

EMC: EN 301 489-1 V1.9.2  
EN 301 489-17 V2.2.1

EN 55013: 2013

EN 55020:2007/A11:2011

Radio: EN 300 328 V1.8.1



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Samson Technologies Corp.

45 Gilpin Avenue

Hauppauge, New York 11788-8816

Phone: 1-800-3-SAMSON (1-800-372-6766)

Fax: 631-784-2201

[www.samsontech.com](http://www.samsontech.com)

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