Quick Start Guide

B-RTX

Auracast™ Transceiver

Model: B-RTX

www.bettear.com

Highlights:

- Versatile Transceiver (Transmitter and Receiver)
- Low-Latency Audio Streaming (<40ms)
- Easy Connectivity: B-PASS, and B-SmartHive
- Wide Area Coverage
- Fully Interoperable with Auracast™ Transmitters
- MP3 On-Demand Streaming

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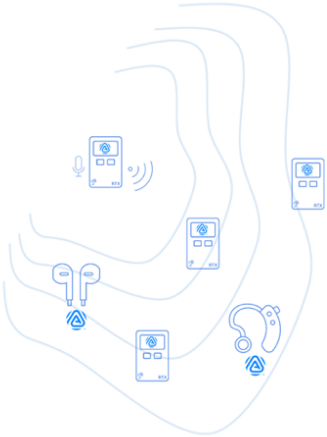
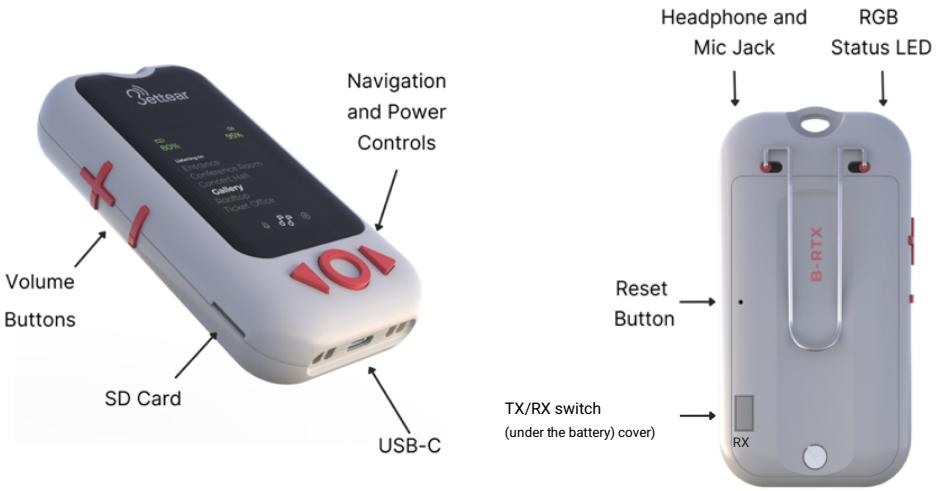
OVERVIEW



Bettear's B-RTX is a versatile audio solution designed to enhance various auditory environments. As an Auracast™ transceiver, it seamlessly switches between transmitter and receiver modes, making it ideal for both tour guiding and assistive listening applications. In transmitter mode, the B-RTX serves as a powerful and reliable broadcasting tool. In receiver mode, it offers a smart, user-friendly listening experience—even for users without Auracast™-enabled hearables. Full compatibility with the B-CASTER series further expands its integration within larger audio systems.

INTRODUCING THE B-RTX



Switching between TX/RX mode is supported in **B-RTX DUPLEX** models. To switch modes, remove the battery cover on the back of the device and use a pin to toggle between TX and RX.

QUICK START

POWERING THE DEVICE ON / OFF

Press and hold the red circle button for 5 seconds to turn the B-RTX on/off.

LISTENING TO BROADCAST AUDIO (RX MODE)

1. Connect headphones
2. Turn on the B-RTX
3. Use the up and down buttons to scroll through availablestreams.
4. Press the red circle button to join the selected stream
5. Adjust the volume as needed

*** The B-RTX scans for new Auracast™ streams every 20 seconds when not playing.**
To pause and re-scan for nearby streams, press the Select button again on the currently playing stream.

***Secure streams cannot be accessed directly from the list.**
Using the B-PASS, or B-SmartHive is required to access a secure stream.

BROADCASTING AUDIO (TX MODE)

1. Connect a microphone or headset.
2. Turn on the B-RTX.
3. Use the up and down buttons to navigate to 'Broadcast', then press the red circle button to select.
4. Use the up and down buttons to select a broadcast name from the list (B-RTX1…B-RTX50), then press the red circle button to confirm.
5. Seamlessly stream your voice to nearby Auracast™-compatible devices connected to your broadcast.

Scan the QR code to download the full user manual

WARRANTY

Please visit www.bettear.com for warranty and service information.

WARNING: Electrical Shock Hazard. No user serviceable parts inside. To reduce the risk of electrical shock, do not remove or open the cover. Please contact Bettear for assistance.

PRIVACY POLICY

Please visit www.bettear.com for privacy policy and service information.

SAFETY PRECAUTIONS

WARNING

- 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.
- Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Note: 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.

- The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.
- Always observe standard safety precautions during installation, operation, and maintenance of this product. Only qualified and authorized service personnel should carry out adjustment, maintenance, or repairs to this product. No installation, adjustment, maintenance, or repairs should be performed by either the operator or the user.

  Respectez toujours les standards de sécurité durant l'installation, l'opération et la maintenance de ce produit. Seul le personnel de service qualifié et autorisé devrait effectuer l'ajustage, la maintenance ou les réparations de ce produit. Aucune opération d'installation, d'ajustage, de maintenance ou de réparation ne devrait être effectuée par un opérateur ou l'utilisateur.

- This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation. Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:
  (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

  Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisee aux deux conditions suivantes:(1) l'appareil ne doit pas produire de brouillage, et(2) I'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si lebrouillage est susceptible d'en compromettre le fonctionnement.

HEARING SAFETY

This product is designed to amplify audio to a high-volume level which could potentially cause hearing damage if used improperly. To protect your hearing make sure the volume is turned down before using your B-RTX, then adjust the volume up to the minimum setting required to hear clearly. Do not allow children or other unauthorized individuals to have access to this product without supervision.

*This device is equipped with Automatic Gain Control AGC to prevent the sensation of intense noise bursts.

MEDICAL DEVICE SAFETY

Before using the B-CASTER streamer with an implantable or other medical device, consult your physician or implant manufacturer or other medical device manufacturer. Always make sure you are using this product in accordance with the safety guidelines established by your physician or the implantable device manufacturer.

SUPPORT

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