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BluDento BLT-2 Bluetooth Audio Receiver User Manual

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Contents

WELCOME

Congratulations on your purchase of the BluDento BLT-2 True Hi-Fi BT Audio Receiver. The following pages explain the features and operation of the BLT-2. Please take a few moments to read this user guide.
Also read all safety instructions before proceeding. The answers to most set up and performance questions can be found in this guide. If you have any further questions about the operation or use of this product, please contact our customer care team for assistance on **eshop@bludento.com**

OVERVIEW

Enjoy a limitless universe of high definition digital music through your existing Hi-Fi audio system. BLT-2 streams the highest quality audio wirelessly from your BT enabled device to any music system or powered speakers. BLT-2 is a true high fidelity component that uses high-end Qualcomm® aptXTM Low Latency / AAC / SBC audio streaming codecs and audiophile grade DAC to unleash all the clarity, crispness and full emotional impact your Hi-Fi stereo system can deliver. Unlike standard BT receivers, BLT-2 provides ultimate wireless freedom with the longest wireless range.

IN THE BOX

- BluDento BLT-2
- 2RCA to 2RCA Stereo Audio Cable
- 3.5mm to 2RCA Stereo Audio adapter
- USB to micro USB Cable
- TOSLINK optical audio cable
- User Guide
  NOT included:
- Coaxial audio cable
- Power plug USB 5V DC (0.2A – 3.0A)

Antenna

Rotates left, right and up, **DO NOT** rotate down

BluDento® BLT-2

PAIR

Pairing LED

Understanding the LED alerts:
Blue blinking: powered and in pairing mode, waiting to be paired
Solid blue light: In connection

WIRELESS AUDIO RECEIVER

Qualcomm® aptX™ Low Latency

PWR

OPT   COAX   R   L

Power plug USB 5V DC (0.2A – 3.0A)

Toslink Optical Output

Coax Audio Output

Stereo Analog Output

Pairing LED

Understanding the LED alerts:
Blue blinking: powered and in pairing mode, waiting to be paired Solid blue light: In connection

QUICK SETUP

Setup and pairing is really easy. The following instructions will help you connect BLT-2 to your music system and pair with your tablet, computer or smartphone.

STEP 1: Connect audio cables from BLT-2 rear panel to your music system audio input.

STEP 2: Connect a power adapter (excluded) to BLT-2 with the included power supply cable and plug the power adapter (excluded) into an AC outlet. BLT-2 will automatically go into pairing mode. The LED light will start flashing to indicate the unit is now ready to be paired.

STEP 3: Turn ON BT on your device and go to BT preferences. STEP 4: Scan listed BT devices and select "BLT-2" to pair and connect. The LED
indicator should turn solid. STEP 5: Make sure your Hi-Fi audio system is turned on and the proper input source is selected. STEP 6: The music on your smart device will now play through your Hi-Fi audio system.
Disconnect BLT-2 from a paired device and put it back into pairing mode. Repeat Steps 3 to 6 to add additional devices. BLT-2 can connect to two smart devices at a time, but is capable of remembering up to 8 devices.

HOW TO PAIR TWO PHONES

1. Power on BluDento Bluetooth receiver
2. Enable Bluetooth on the 1st phone, search and connect to "BLT-2"
3. After pairing successfully, disable Bluetooth on the 1st phone. BluDento will

    enter pairing mode again.
4. Pair BluDento to the 2nd phone by the same way.
5. After pairing successfully, enable Bluetooth on the 1st phone, click to

    connect "BLT-2" again.
6. Now both 2 phones are connected to BluDento.

    Note: Only 1 phone can play at a time, you have to pause the other.

SAFETY INSTRUCTIONS

1. ▭▭Keep product dry to avoid affecting the interior circuitry of the product.
2. High temperature will shorten the life of electronic device. Don't expose to extreme temperatures, it may

    damage the internal circuit board.
3. Don't drop the product.
4. Don't put the product in direct sunlight or place in hot areas. Don't use chemical or detergent to clean the

    product.
5. Don't take the product apart or the warranty will be voided.
6. Using the product at excessive volumes may cause permanent hearing damage. You can get the most out of

    your equipment and enjoy great audio performance even at safe levels.
7. Due to isolating characteristic of the product, do not use the product at excessive volume while driving or in any

    other activity where failure to hear surrounding sounds could be dangerous.

TROUBLESHOOTING TIPS

My device does not pair with BLT-2.

- Ensure that BT is turned ON on your device.
- Make sure that the LED indicator is blinking and your device is as close to BLT-2 as possible.
- Restart the BLT-2 and cycle BT on your device in order to re-establish the connection.

The LED Indicator is solid, but I cannot connect my device.

- Check whether no other devices are connected. If so, either disconnect or turn off BT on the other devices till it flashes, then try connecting.
- Close the BT function of all your BT devices and open them again.

The sound quality is poor and / or the audio is cutting out.

- Move your device or BLT-2 away from cordless phones, routers, microwave ovens or other BT devices.
- Try moving your device closer to BLT-2.
- Turn off your device's Wi-Fi.
- Try unpairing and repairing your device to BLT-2.
- Check that your device's OS is updated to the latest version.

Only one channel plays music.

- Check the cables between BLT-2 and your stereo system.
- Check your BT device, music player APP and home theater to ensure that the audio balance is centered.
- If you have any further queries please contact us on **eshop@bludento.com**

The LED indicator is solid and my device is connected but there is no audio output.

- Ensure that the BLT-2 output is correctly connected to your audio system.
- Check whether the audio source is correctly selected on your music system (Analog audio or digital optical/coaxial input).
- Verify the volume levels on your BT device, player APP and home theater. Please confirm all are not mute
- Try unpairing and repairing your device to BLT-2.

The volume output level from BLT-2 is Low.

- Verify the volume levels on your BT device, player APP.
- Also check the volume levels on your powered speakers or stereo system. Please confirm all are not on mute.

TECHNICAL SPECIFICATIONS

BT Version: 4.2 with aptX Low Latency
Supported Codecs: aptX, aptX Low Latency, SBC, AAC, MP3, FLAC, TFF
BT Range: 30 meters, 100 feet
Input: BT
Outputs: Stereo Analog RCA; Digital Optical & Coaxial (SPDIF)
Input Power: Power Requirement: DC 5V (USB), 200mA (Min), 3A (Max) **Output Voltage:** 2.1 Volts RMS
Output Impedance: 57 Ohms
D/A Converter: TI PCM5102A
Frequency Response: 10Hz – 20kHz (+/- 0.5dB)
Signal to Noise Ratio: 112dB
Total Harmonic Distortion: + Noise < 0.02%
Latency: ~30 milliseconds (MS)
Enclosure: Aluminum + ABS

 To reduce the risk of electric shock Do not remove cover (or back).
No user-serviceable parts inside. Refer servicing to qualified service personnel.

PRODUCT SAFETY

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. Improper use of this product can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use. Keep these instructions handy for future reference.

Users of this product are cautioned not to make modifications or changes that are not approved by BluDento, Inc. Doing so may void the compliance of this product and may result in the loss of the user's authority to operate the equipment.

Included Accessories:

- RCA – RCA Audio Cable
- RCA – 3.5mm Audio adapter
- USB – micro USB Cable
- TOSLINK optical audio cable
- User Guide

NOT included:

- Coaxial audio cable
- Power plug USB 5V DC(0.2A – 3.0A)

FCC WARNING

FCC ID: 2A5CM-BLT-2

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

DESIGNED IN AUSTRALIA MADE IN CHINA BLUDENTO INC.

Documents / Resources

	BluDento BLT-2 Bluetooth Audio Receiver [pdf] User Manual BLT-2, BLT2, 2A5CM-BLT-2, 2A5CMBLT2, BLT-2 Bluetooth Audio Receiver, Bluetooth Audio Receiver