auris

www.theauris.com

bluMe Duo

LDAC Qualcomm® aptX™ HD   Qualcomm® aptX™ Low Latency   Qualcomm® aptX™

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support@theauris.com

Designed in the U.S.A.   I   Made in China.

Auris, Inc.
DE 19958, USA

CONTENTS

WELCOME!

Congratulations on your purchase of the auris bluMe Duo HiFi Bluetooth Music Transmitter & Receiver!

The following pages explain the features and operations of bluMe Duo. Please take a few moments to read this quick start guide.

Also read all safety instructions before proceeding. The answers to most set up and performance questions can be found in this guide.

Overview

bluMe Duo integrates seamlessly into new and existing TV setups, car audio or HiFi stereo systems to add HiFi Bluetooth streaming for headphones, speakers, phones and other devices. Featuring analog and digital connections for universal compatibility, audio bypass and extended Bluetooth range, bluMe Duo is the ultimate HiFi Bluetooth audio accessory for your home and car audio.

IN THE BOX
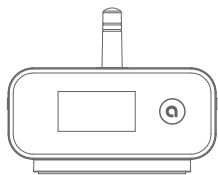
bluMe Duo
HiFi Bluetooth Music Transmitter & Receiver
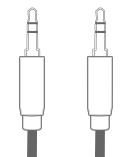
3.5mm AUX
Audio Cable
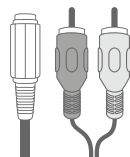
3.5mm to 2RCA
Splitter Cable / Adapter
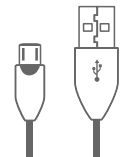
USB to USB-C
Charging Cable
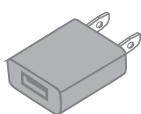
100-240V AC
Power Adapter

Quick
Start Guide

KEYS AND PARTS

Front

Back

Left

Right

Top
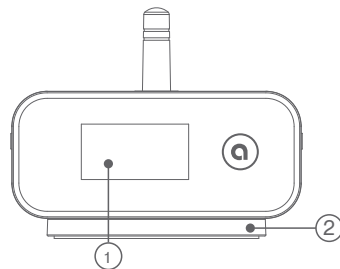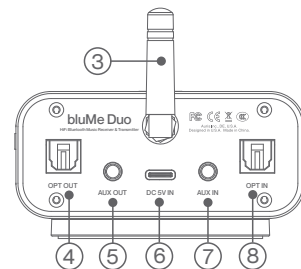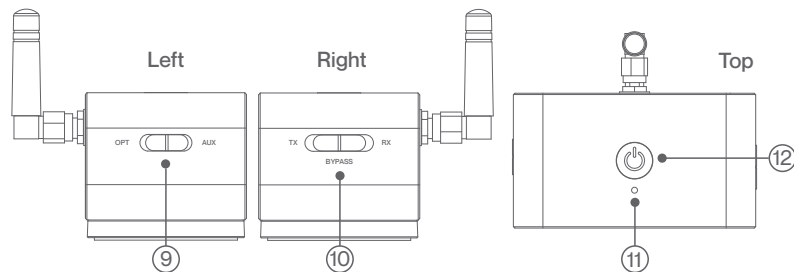
①	OLED Display		⑦	3.5mm AUX audio Input
②	Detachable Base Plate		⑧	Digital Optical Input
③	High Gain Antenna		⑨	AUX / Optical Toggle Switch
④	Digital Optical Output		⑩	TX / RX / Bypass Toggle Switch
⑤	3.5mm AUX Audio Output		⑪	CVC Microphone
⑥	DC power input / USB In		⑫	Multi-Function Button (MFB)

FEATURES

bluMe Duo is an high fidelity audio adapter which can be used as a stereo wireless Transmitter or Receiver, using Bluetooth wireless technology.

As a Transmitter (TX mode)
In TX mode, bluMe Duo can wirelessly stream audio from your TV to any Bluetooth audio receiver such as a Bluetooth headphone, speaker or soundbar.

CD Player
Optical Input
TV
AUX Input
Game Console
Output
Bluetooth Speaker
Bluetooth Headphone
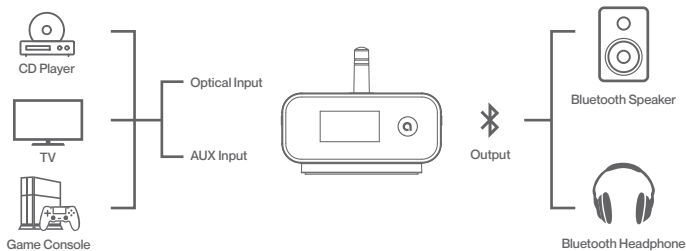
As a Receiver (RX mode)
In RX mode, bluMe Duo enables wireless audio streaming from any Bluetooth enabled smartphone, computer or tablet to any non-Bluetooth HiFi amplifier, home stereo system, car audio or powered speakers.

Smartphone
Tablet
Computer
Input
Optical Output
AUX Output
HiFi Amplifier / Home Stereo System
Powered Speakers
Car Audio
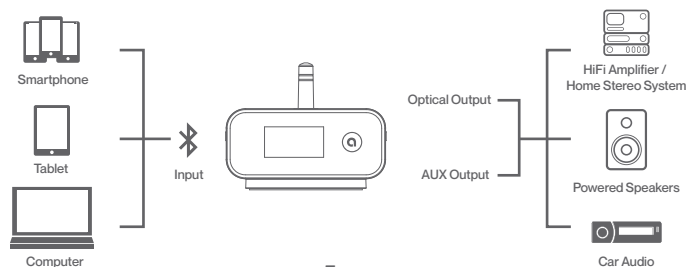
GETTING STARTED

The following instructions will help you get started before connecting bluMe Duo to your devices.

Step 1: bluMe Duo comes with a detachable magnetic base plate for convenient mounting of the unit wherever required. Stick the base plate to any surface, be it your car dashboard, on / next to your audio system / TV unit, with the help of the provided 3M double sided mounting strip at the bottom of the base plate. Mount bluMe Duo on to the magnetic base plate. Avoid placing bluMe Duo behind your TV unit or any audio device.

Step 2: Plug the power adapter to bluMe Duo with the included USB-C to USB charging cable, charging will start automatically. The charging indicator will show on the OLED display while charging.

Note: i) It is recommended to fully charge the adapter when using it for the first time.
ii) You can use the adapter while it is being charged.
iii) Charge bluMe Duo at least once every 3 months when the device is not in use for a long time.

Step 3: Select your choice of mode (TX / RX) by sliding the toggle switch situated on the left side of bluMe Duo. Press and hold the MFB (Multi-function button) for 3 secs to turn "ON" the device. bluMe Duo is now ready to pair!

QUICK SETUP: CONNECTING IN TX MODE

Connecting to a TV / CD player / Game console

When in TX mode bluMu Duo needs an audio source to transmit. It must be fed an audio signal from a connected device such as a TV, Game console, CD player, etc.

The following instructions will help you connect bluMe Duo to your TV, mp3 player or gaming console and pair with your Bluetooth headphones, speakers or receivers.

bluMe Duo provides you with three connection options.

Option 1: Digital Optical Audio Output

Newer TV's and audio devices are usually outfitted with a digital optical connector.

Plug the optical cable into the "Optical Out" on the TV and into the "OPT IN" of bluMe Duo. Select the audio source "OPT" by sliding the toggle switch situated on the right side of bluMe Duo.
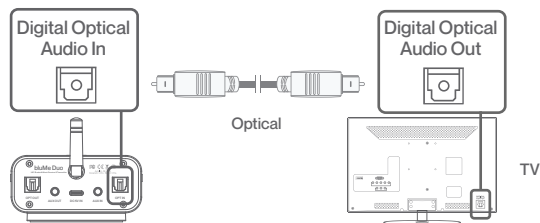
Note: If you are successfully connected the Optical cable and you are still not receiving any sound, please make sure that your audio output settings on your TV are set to PCM.

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Option 2: RCA Audio Ouput

Older TV's usually have analog audio output with RCA (Red & White) connectors.
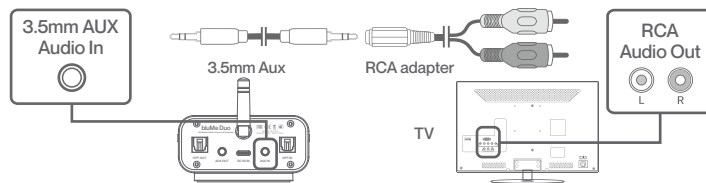
To use the RCA output, attach the included RCA adapter to the 3.5mm audio cable. Plug the connectors of the RCA adapter into the matching-color RCA jacks on the TV and plug the attached 3.5mm cable into the "AUX IN" of bluMe Duo. Select the audio source "AUX" by sliding the OPT - AUX toggle switch on bluMe Duo.

Option 3: 3.5mm stereo AUX Output

Some TVs and most standalone receivers have a headphone jack on the front or side.
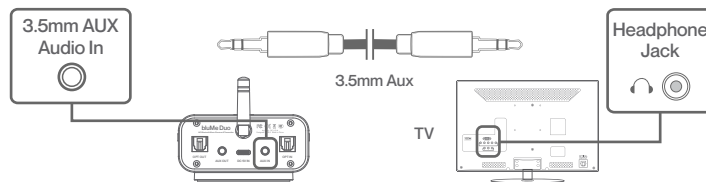
Plug the included 3.5mm Aux audio cable into the headphone jack on the TV and the "AUX IN" on bluMe Duo. Select the audio source "AUX" by sliding the OPT-AUX toggle switch situated on the right side of bluMe Duo.

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QUICK SETUP: PAIRING IN TX MODE

Pairing with a Bluetooth Headphone / Speaker

The following instructions will help you in pairing bluMe Duo with your Bluetooth headphone / speaker in Transmit Mode (TX) after connecting bluMe Duo to your TV, Game console or CD player.

Follow the previous instructions and connect bluMe Duo to your TV using the appropriate connector cable.

Step 1: Place your Bluetooth headphone/speaker within 1 meter (3 feet) range of bluMe Duo and set it to pairing mode.

Step 2: With bluMe Duo turned "ON" and the TX / RX toggle switch set to "TX", the display will show "Long Press MFB Button to pair". Press and hold the MFB till the display shows "Searching...". Your speaker/headphone will soon show on the display. Double press the MFB to select your device to connect. Once paired, your Bluetooth device name will show on the display with this icon "$\ast_1$" indicating 1st paired device.

Note: bluMe Duo and your Bluetooth headphone/speaker have to be in pairing mode simultaneously in order to pair. bluMe Duo will remain in pairing mode until successfully paired.

Step 3: Make sure the proper audio input source is selected on bluMe Duo. Match the corresponding audio input on the back of bluMe Duo by selecting between Optical and AUX audio source using the OPT - AUX toggle switch. The selected audio source will show on the display.

Step 4: The sound from your TV will now play through your Bluetooth headphone or speaker!

Pairing with Two Bluetooth Headphones

In TX mode, bluMe Duo can stream audio to two Bluetooth headphones simultaneously. A second headphone can be paired after one headphone is already connected.

Step 1: Connect your first headphone with bluMe Duo by following the previous pairing instructions.

Step 2: Set your second headphone to pairing mode. Now press and hold the MFB on bluMe Duo till the display shows "Searching...". Your headphone will soon show on the display. Double press the MFB to select your device to connect. Once paired, your bluetooth device name will show on the display with this icon "$\ast_2$" indicating 2nd paired device.

Step 3: The sound from your TV will now play through both the Bluetooth headphones simultaneously!

Note: After connecting with two Bluetooth headphones, the highest codec supported by both devices will show in the display e.g. if device "1" supports AAC and aptX LL codecs, while device "2" supports AAC codec, then the codec indicator will show "AAC" in the display. After disconnecting with one of the devices, the highest codec supported by the remaining device will show in the display.

QUICK SETUP: BYPASS MODE

Connecting to a TV and Soundbar Simultaneously

When bluMe Duo is used as a transmitter with a TV using its audio inputs, its audio output can be used as a bypass to connect another device such as a speaker or soundbar. This makes it possible to plug both bluMe Duo and a soundbar/speaker into a TV that only has one audio output.

The following instructions will help you setup the bluMe Duo audio bypass feature to work with your speaker or soundbar in Transmit Mode (TX) after connecting bluMe Duo to your TV.

Step 1: Follow the previous instructions to connect bluMe Duo to your TV using the digital optical input and pair it with your Bluetooth headphones.

Step 2: Plug a digital optical cable from the bluMe Duo audio output "OPT OUT" to your soundbar/speaker's audio input "OPT IN".

Note: Bypass feature only works when the audio input and output connections match. Eg. If you have the TV connected to your bluMe Duo via the Optical input then you can only use the optical output for the bypass feature to work.

Step 3: Make sure the Optical audio source "OPT" is selected on your bluMe Duo.

Step 4: The bypass feature is now active and sound from your TV will play through your Bluetooth headphone and speaker/soundbar simultaneously!

QUICK SETUP: CONNECTING IN RX MODE

Connecting to a Stereo System or Powered Speakers

When in RX mode bluMe Duo is receiving an audio signal and passing that signal from its output to the input of some type of amplification device like a home stereo, active bookshelf speaker, car audio, etc.

The following instructions will help you connect bluMe Duo to your stereo system or powered speakers and pair with your smartphone, tablet or computer.

bluMe Duo provides three connection options.

Option 1: Digital Optical Audio Input

Home theater systems, receivers and newer stereo systems are outfitted with a digital optical connector.

Plug the Optical cable into the "Optical In" on the music system and the "OPT IN" of bluMe Duo. Select the audio source "OPT" by sliding the AUX / OPT toggle switch situated on the right side of bluMe Duo.

Digital Optical Audio Out

Digital Optical Audio In

Optical

Home Stereo System

Option 2: RCA Audio Input

Older or legacy stereo systems and receivers usually include analog Audio I/O ports using RCA (Red & White) connectors.

3.5mm AUX Audio Out

RCA Audio In
L   R

HiFi Stereo/Receiver

Attach the included RCA adapter to the 3.5mm stereo audio cable. Plug the connectors of the RCA adapter into the matching-color RCA jacks on the music system and plug the attached 3.5mm cable into the "AUX OUT" of bluMe Duo. Select the audio source "AUX" by sliding the AUX/OPT toggle switch on bluMe Duo.

Option 3: 3.5mm Headphone jack

Most powered or bookshelf speakers have a headphone jack.

3.5mm AUX Audio Out

Headphone Jack

Active/Powered Speakers

Plug the included 3.5mm stereo audio cable into the headphone jack on the music system/speaker and the "AUX OUT" of bluMe Duo. Select the audio source "AUX" by sliding the AUX / OPT toggle switch on bluMe Duo.

QUICK SETUP: PAIRING IN RX MODE

Pairing with a Smartphone / Tablet / Computer

The following instructions will help you in pairing bluMe Duo with your smartphone, tablet or computer in Receiver Mode (RX) after connecting bluMe Duo to your home stereo system or powered speakers.

Step 1: Follow the previous instructions and connect bluMe Duo to your music system using the appropriate connector cable.

Step 2: With bluMe Duo turned "ON" and the TX / RX toggle switch set to "RX", the display will show "Pairing" indicating that bluMe Duo is ready to pair.

Step 3: Turn ON Bluetooth on your smartphone and go to Bluetooth preferences.

Step 4: Scan listed Bluetooth devices and select "bluMe Duo" to pair and connect. Once paired, the display will show "Connected".

Step 5: Make sure the proper audio input source is selected on bluMe Duo. Match the corresponding audio input on the back of bluMe Duo by selecting between Optical and AUX audio source using the AUX / OPT toggle switch. The selected audio source will show on the display.

Step 6: The music on your smart device will now play through your home stereo system / powered speakers!

OTHER FUNCTIONS

Reconnection

bluMe Duo can remember up to 2 devices paired previously, and will attempt to pair with the last connected devices automatically once it is turned back on. bluMe Duo will not initiate reconnection. If bluMe Duo itself is turned off, it is recommended 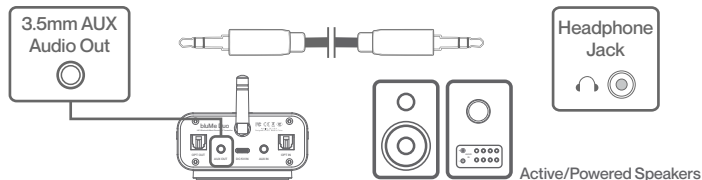to turn it back on first before turning on the paired devices so that it can accept the incoming Bluetooth connection from the devices.

Adjusting the Volume

bluMe Duo, by design, is a passive transmitter or receiver and has no volume control. User volume level must be adjusted via the input and output sources connected to bluMe Duo.

Volume can be individually adjusted on each set of headphones paired with bluMe Duo using the built-in volume controls on the headphone. With some TVs and connection options, TV volume may be further raised or lowered to change the volume of all headphones paired with beamit. In this case, volume should be maximized on the TV and then adjusted via headphones for best audio quality.

Factory Reset

With bluMe Duo powered OFF, press and hold the MFB for approx. 10secs until the display shows "Reset Device". The unit will enter pairing mode and any previously paired devices will be cleared from its memory.

TROUBLESHOOTING TIPS

Unable to pair and connect bluMe Duo to my Bluetooth device.
Make sure you are operating bluMe Duo in the appropriate Bluetooth mode.

In TX Mode: bluMe Duo can only pair with a Bluetooth receiving device such as a Bluetooth headphone, speaker or receiver. In this mode, ensure that bluMe Duo and the Bluetooth headphone, speaker or receiver are in pairing mode at the same time and are within 1 meter (3 feet) of each other.

In RX Mode: bluMe Duo can only pair with a Bluetooth transmitting device such as a smartphone, tablet or computer. In this mode, ensure that Bluetooth is turned 'ON' on your smartphone, tablet or computer. Make sure bluMe Duo is ready to pair and your device and bluMe Duo are within 1 meter (3 feet) of each other.

My Bluetooth headphone is connected but there is no audio output.
1. Ensure that your audio source (TV) OUTPUT is properly connected to bluMe Duo audio INPUT. Audio inputs are used with TX MODE only.

2. Check whether the audio input source is correctly selected on bluMe Duo (AUX / OPT). If AUX is selected, make sure your audio source is connected to the AUX input. If OPT is selected, make sure your audio source is connected to the Optical input.

3. Confirm that audio is playing on the TV and the volume is set to "High" on the TV. Make sure that the volume is sufficiently high on your Bluetooth headphone/speaker.

4. If you are using an Optical connection, make sure nothing is connected to the AUX input of bluMe Duo.

Smartphone is connected but cannot hear any sound from my audio system.
1. Ensure that your audio source (Home audio system, stereo speakers, etc.) INPUT is properly connected to bluMe Duo audio OUTPUT. Audio outputs are used with RX MODE only.

2. Check whether the audio output source is correctly selected on bluMe Duo (AUX / OPT). If AUX is selected, make sure your audio source is connected to the AUX output. If OPT is selected, make sure your audio source is connected to the Optical output.

3. Verify the volume levels on your audio system and player app.

4. If you are using an Optical connection, make sure nothing is connected to the AUX output of bluMe Duo.

The volume output level is Low.
In TX mode: Adjust the volume both on your Bluetooth headphones / speakers and on the TV or other connected device as both may control the volume.

In RX mode: Verify the volume levels on your smartphone / computer OS and player app. Also check the volume levels on your powered speakers or stereo system.

The sound quality is poor and / or the audio is cutting out.
1. For the most noise-free audio, maximize the volume on your audio source (TV , home audio system, powered speakers, etc.) and adjust volume via the Bluetooth enabled headphones, speakers or smartphone.

2. Make sure you are within range of your Bluetooth-enabled device.

3. Bluetooth devices are susceptible to interference from other Bluetooth devices, cordless phones, routers, microwave ovens, and wireless devices operating on the 2.4 GHz band. Eliminate as many potential sources of interference as possible while using your Bluetooth headphones / speakers.

There is a delay (latency) in audio
1. Bluetooth is a digital wireless signal and there is some latency expected due to the coding/decoding and compression/decompression steps that must occur.

2. The aptX® Low Latency audio codec supported by bluMe Duo is notable for having a much lower latency (smaller delay), compared to regular Bluetooth audio.

3. Using bluMe Duo with a headphone that supports aptX® Low Latency will minimize audio lag.

4. Some modern TV's and receivers also have an audio delay option. Make sure that audio delay is set to 0 to minimize lag.

If you have any further queries please contact us on **support@theauris.com**

TECHNICAL SPECIFICATIONS
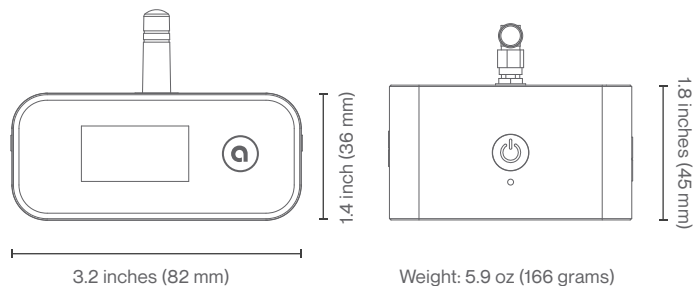
Bluetooth® Version	Bluetooth v5.0
Supported Codecs	LDAC, Qualcomm® aptX™ HD, aptX™ LL, aptX™, AAC and SBC
Bluetooth® Range	30 meters, 100 feet (In RX mode)
Bluetooth Chipset	Qualcomm® CSR8675
D/A Converter	PCM5102A
Frequency Response	10Hz - 20kHz (+/- 0.5dB)
Signal to Noise Ratio (SNR)	112dB
Total Harmonic Distortion	-93dB
PCM Support	96kHz / 32bit
Outputs	3.5mm Stereo AUX Input & Output Digital Optical Input & Output
Power In	DC 5V/1A
USB Port	Type C
Screen	1.3 inch OLED, 128 x 64 pixels
Enclosure	Aluminum
Included Accessories	3.5mm AUX stereo audio cable 3.5mm to 2RCA splitter cable 100~240V AC Power Adapter USB to USB-C Cable Quick Start Guide

Dimensions	Height	1.4 inches (36 mm)
	Width	3.2 inches (82 mm)
	Depth	1.8 inches (45 mm)
	Weight	5.9 ounces (166 grams)

3.2 inches (82 mm)

1.4 inch (36 mm)

1.8 inches (45 mm)

Weight: 5.9 oz (166 grams)

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.

CAUTION	CAUTION: To reduce the risk of electric shock do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.
RISK OF ELECTRIC SHOCK DO NOT OPEN	

Users of this product are cautioned not to make modifications or changes that are not approved by Auris, 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.

SAFETY INSTRUCTIONS

• Keep product dry to avoid affecting the interior circuitry of the product.

• Don't put the product in direct sunlight or place in hot areas.

• High temperature will shorten the life of electronic device.

• Don't expose to extreme temperatures, it may damage the internal circuit board.

• Don't take the product apart or the warranty will be voided.

• Don't drop the product.

• Don't use chemical or detergent to clean the product.

• 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.

• 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.

WARRANTY

Don't worry. Your auris bluMe Duo is covered under our warranty.
For warranty information please visit:

https://theauris.com/pages/warranty

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 the
interference that can cause undesired operation.
Any changes or modifications to the device will void the user's authority
to operate the device.

This device complies with FCC radiation exposure limits set for an
uncontrolled environnment. This device should be installed and operated
with minimum distance of 20cm between the radiator and the body.

FCC ID: 2ABCJAU07

Scan the QR Codes below to explore more

| theauris.com | Facebook | Instagram | YouTube |

If you have any further questions about the operation or use of this product,
please contact our customer care team for assistance on **support@theauris.com**