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> FiiO BTR5-2021 Headphone Amplifier User Manual

FiiO BTR5-2021

FiiO BTR5-2021 User Manual

Model: BTR5-2021

Brand: FiiO

PRODUCT OVERVIEW

The FiiO BTR5-2021 is a high-performance portable Bluetooth amplifier designed to deliver studio-quality sound. It features dual ES9219C DACs, Bluetooth 5.0 with support for high-resolution formats like LDAC, aptX HD, and MQA, and versatile USB DAC functionality. This manual provides instructions for setup, operation, maintenance, and troubleshooting to help you get the most out of your device.



Front view of the FiiO BTR5-2021, highlighting its compact size and OLED display.

SETUP

Initial Power On

To power on the BTR5-2021, press and hold the power button for approximately 3 seconds until the FiiO logo appears on the display.

Connecting as a USB DAC for Android Devices

The BTR5-2021 can function as a USB DAC for Android devices. Follow these steps:

1. Turn on the BTR5-2021.
2. Connect the BTR5-2021 to your Android device using the included Type-C to Type-C cable or another compatible C to C adapter (e.g., FiiO LT-TC1).
3. When a USB connection is detected, the BTR5-2021 will automatically prompt you to turn on "USB Audio Adapter" mode. Press any button on the BTR5-2021 within 15 seconds to disable charging and enter this mode. If no action is taken, charging will remain active. This pop-up can be disabled via the FiiO Control App.
4. Play a music file on your Android device. The sampling rate displayed on the BTR5-2021 will update accordingly.

Your browser does not support the video tag.

This video demonstrates the process of connecting the FiiO BTR5-2021 to an Android device via USB-C to use it as an external DAC, including the prompt for "USB Audio Adapter" mode.

Connecting to Two Bluetooth Devices Simultaneously

The BTR5-2021 supports simultaneous connection to two Bluetooth devices. However, avoid simultaneous playback from both devices to prevent audio stuttering.

1. Enable Bluetooth on both Device A and Device B.
2. Turn on the BTR5-2021 by holding the power button for about 3 seconds. The display will show 'FiiO'.
3. Enter pairing mode by holding the multifunction button for about 5 seconds. The display will show 'PAIRING'.
4. On Device A, search for and connect to the BTR5-2021.
5. Disconnect the BTR5-2021 from Device A (it will show 'disconnected'). Then, turn off the BTR5-2021 by holding the power button for about 3 seconds.
6. Repeat steps 2 and 3 to turn on the BTR5-2021 and enter pairing mode. On Device B, search for and connect to the BTR5-2021.
7. Return to Device A and tap BTR5-2021 to reconnect it.

Using as a DAC for Computers (Windows/MacBook)

For detailed instructions on using the BTR5-2021 as a DAC with Windows or MacBook computers, please refer to the official FiiO website and video guides.

Using as a USB DAC for Mobile Phones (General)

While most mobile phones support the FiiO Music App, USB audio standards vary. The BTR5-2021 supports "USB Audio Adapter Mode." When connected via USB, it will prompt you to activate this mode. Press any button to disable charging and enter this mode.

- **Android phones:** Use the included Type-C to Type-C cable.
- **iPhone/iPad:** Use a Lightning to Type-C cable (e.g., FiiO LT-LT1, sold separately for standard edition).

OPERATING INSTRUCTIONS

MQA Functionality

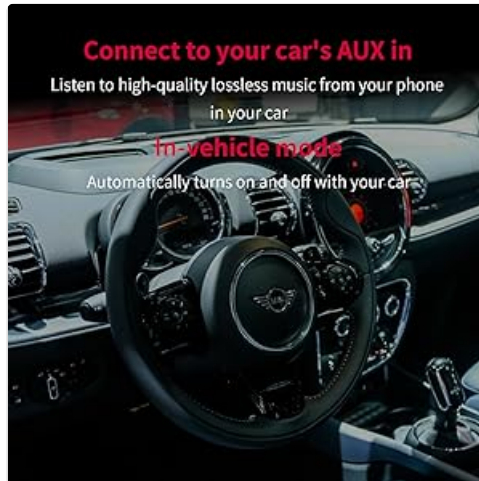
The BTR5-2021 supports MQA rendering, allowing for high-resolution, master-quality sound. When used with compatible music applications, it can achieve up to 16x MQA unfolding. The display will show "MQA" when the function is active.



The BTR5-2021 connected to a smartphone, illustrating its MQA decoding capability for high-resolution audio.

Car Mode

When Car Mode is enabled, connecting the BTR5-2021 to your vehicle's USB port will cause it to automatically power on when the engine starts and power off when the engine stops.



The BTR5-2021 integrated into a car's audio system, showcasing its automatic power on/off feature with the vehicle.

Using aptX HD/LDAC

To utilize high-quality Bluetooth codecs like aptX HD or LDAC, ensure your transmitting device (e.g., smartphone) supports these codecs. You may need to select the corresponding codec in your phone's developer options or Bluetooth settings. Consult your phone manufacturer for specific instructions.

FiiO Control App

The FiiO Control App provides full access to the BTR5-2021's functions, including adjustable equalizer and presets.

1. Update the FiiO Control App to the latest version (available on the FiiO website).
2. In the app, go to Settings > "Bluetooth device control" and tap on BTR5-2021 to establish a connection.
3. After a successful connection, you will enter the Bluetooth control menu.

Note: When using LDAC, the equalizer cannot be adjusted during music playback.

General Usage Scenarios

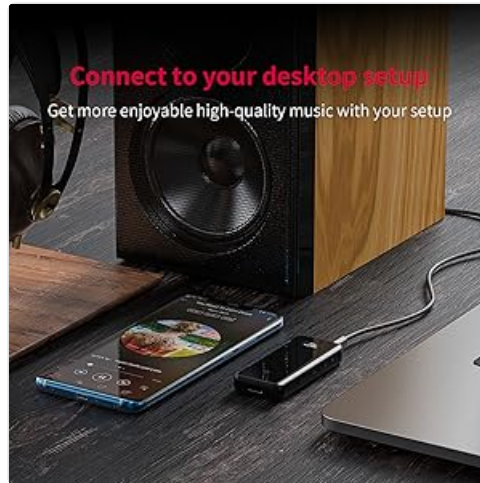
The FiiO BTR5-2021 offers versatile connectivity for various audio setups:

- **Connect to your wired headphones:** Use your smartphone or computer as the audio source.



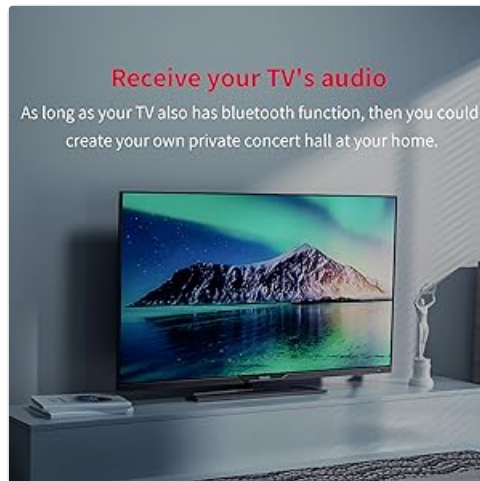
The BTR5-2021 connected to a smartphone, demonstrating its use with wired headphones.

- **Connect to your desktop setup:** Enhance your desktop audio experience with high-quality music.



The BTR5-2021 connected to a laptop and external speakers, illustrating its integration into a desktop audio system.

- **Receive your TV's audio:** If your TV has Bluetooth functionality, you can connect the BTR5-2021 to create a private listening experience.



The BTR5-2021 shown in a home entertainment setting, indicating its ability to receive audio from a Bluetooth-enabled TV.

MAINTENANCE

Resetting a Frozen Device

If the BTR5-2021 becomes unresponsive or frozen, press and hold the Power button for at least 10 seconds to perform a reset.

Clearing Pairing Records

To clear all Bluetooth pairing records, turn on the BTR5-2021, then simultaneously press and hold the Volume '+' and Volume '-' buttons for approximately 5 seconds.

TROUBLESHOOTING

Audio Stuttering with Multiple Bluetooth Devices

While the BTR5-2021 can connect to two devices simultaneously, playing music from both devices at the

same time may cause audio stuttering. Avoid simultaneous playback.

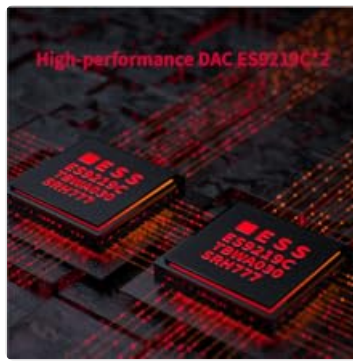
USB Charging Pop-up Dialog

If you prefer not to see the "USB Audio Adapter" mode pop-up dialog every time the BTR5-2021 connects to USB, you can turn this function off via the FiiO Control App in the Status menu under "Pop-up dialog for USB charging."

SPECIFICATIONS

Feature	Detail
Product Dimensions	5.51 x 1.97 x 0.39 inches
Item Weight	44 Grams (1.55 ounces)
ASIN	B09G9TNB2R
Item Model Number	6953175790945
Batteries	1 Lithium Polymer battery required (included)
Manufacturer	FiiO
Brand	FiiO
Connectivity Technology	Bluetooth, USB
Controller Type	Hand control, Android
Special Feature	Noise Cancelling
Compatible Devices	All
Connector Type	USB
Audio Output Mode	Stereo
Color	New BTR5 regular
Output Power	240 Milliwatts
DAC Chip	Dual ES9219C
Bluetooth Chip	CSR8675
USB Chip	XMOS XUF208
Battery Capacity	550mAh
Playing Time	9 hours
Fully Charge Time	1.5 hours





Key internal components and battery performance details.

WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official FiiO website or contact FiiO customer service directly. The FiiO Control App also provides useful features and updates for your device.