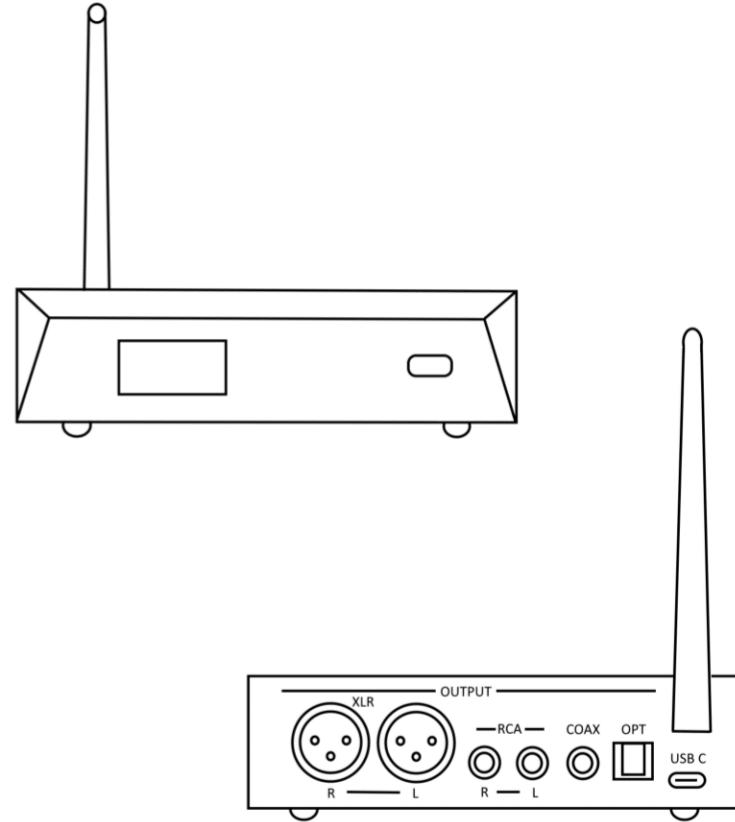


blafili B3

USB DAC with Bluetooth 5.1
User Manual

■ ENGLISH

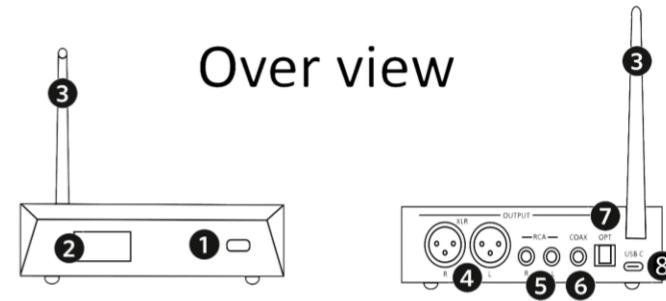


Safety Instructions

- Do not drop, knock or shake the unit
- Do not disassemble or modify the unit
- Keep the unit dry and away from all liquids
- Avoid Extreme temperatures
- Clean with a soft dry microfibre cloth

01

Over view



- ① Multi Function Button (ON/OFF - BT Connection Reset - Factory Reset)
- ② OLED Screen
- ③ Bluetooth Antenna
- ④ XLR Audio Output
- ⑤ RCA Audio Output
- ⑥ Coaxial Output
- ⑦ Optical (TOSLINK) Output
- ⑧ USB-C Input (Power & Audio Input)

02

Specifications

Specifications are subject to change without notice.

DC Input: 5V, 0.5A (min)

Bluetooth chipset: Qualcomm QCC5125

DAC chipset: ESS ES9018K2M

Bluetooth Version: 5.1

Supported Codecs: AAC, SBC, aptX, aptX LL, aptX HD, LDAC

Size: 141 x 76 x 38mm / 5.6 x 3.0 x 1.5in

Operating temperature range: -10degC to +55degC/14degF to 131degF

Weight (without packaging): 240g/8.47oz

Range: 30m/100ft

Inputs: Bluetooth, USB-C

Outputs: XLR, RCA, TOSLINK, Coaxial

Output voltage: 2.1v RMS

Output Impedance: 57ohms

Freq response: 10hz-20kHz(+/- 0.5dB)

SNR: 112dB

Latency: -30ms

THD: + noise <0.02%

FCC Caution.

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

03

04

In The Box

- ① B3 Main Unit
- ② Bluetooth Antenna
- ③ USB C Cable
- ④ TOSLINK Cable

05

Basic Setup

- ① Attach the antenna to the back of the B3
- ② Choose and connect output (XLR/COAX/RCA/TOSLINK) to both the back of the blafili B3 and your home audio device (HiFi amplifier for example).
- ③ Connect USB-C Cable to a powered source (If you wish to transfer music to the blafili B3 via USB which will produce the maximum sound quality, connect the USB-C cable to a powered USB socket on your PC. If you only wish to use the Bluetooth capability of the blafili B3, you can use a standard USB mobile phone charger to power the unit)
- ④ Unit will automatically power on.
- ⑤ Turn on home audio device.
- ⑥ (A) If using USB input, play your digital music file on your PC. Enjoy!
(B) To use Bluetooth mode, pair the B3 with your preferred Bluetooth enabled device (for example mobile phone). Play your music. Enjoy!

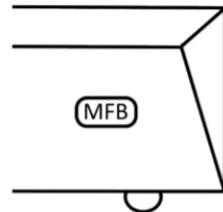
PLEASE NOTE:

(1) WHEN USING USB MODE TO PLAY MUSIC - YOU MAY NEED TO SELECT THE BLAFILI B3 AS THE PREFERRED AUDIO DEVICE IN YOUR OPERATING SYSTEM.

(2) BLUETOOTH MODE WILL AUTOMATICALLY OVERRIDE USB MODE IF BOTH ARE BEING USED.

06

Using the MFB (Multi Function Button)



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- Power ON/OFF: Press and hold the MFB for 3 seconds.
- Un-pair connected Bluetooth devices. Double press the MFB.
- Factory reset: Power OFF the blafili B3, then press and hold the MFB for 10 seconds. 'DEVICES ERASED' will be displayed on the OLED display.