



SILENT ANGEL

Quick Start Guide

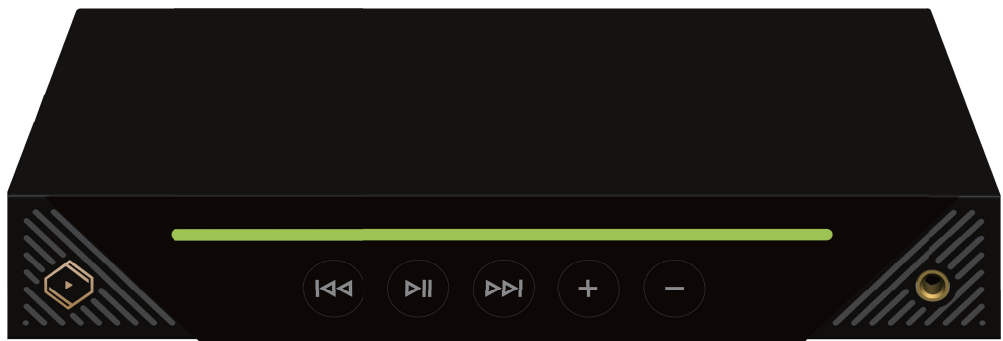
Bremen B2



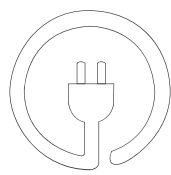
Catalog

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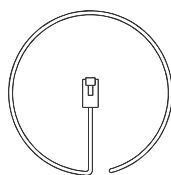
Package Contents



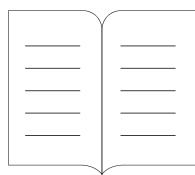
B2 x1



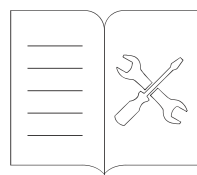
Power Cord x1



Ethernet Cable x1

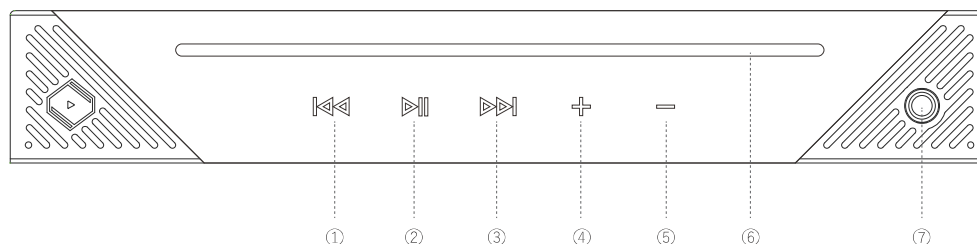


Quick Start Guide x1



Warranty Card x1

Front Panel



① Previous Track Button

When you touch the previous song button, the current playing song will switch to the previous song in the playlist

② Pause / Play Button

When you touch the pause button, the current playing song will pause

When you touch the play button, the song will start playing

③ Next Track Button

When you touch the next song button, the current playing song will switch to the next song in the playlist

④ Increase Volume Button

When you touch the increase volume button, you can increase the volume of the current playing song

⑤ Decrease Volume Button

When you touch the decrease volume button, you can decrease the volume of the current playing song

⑥ System Status Indication

When B2 is booting, it flashes green light rapidly

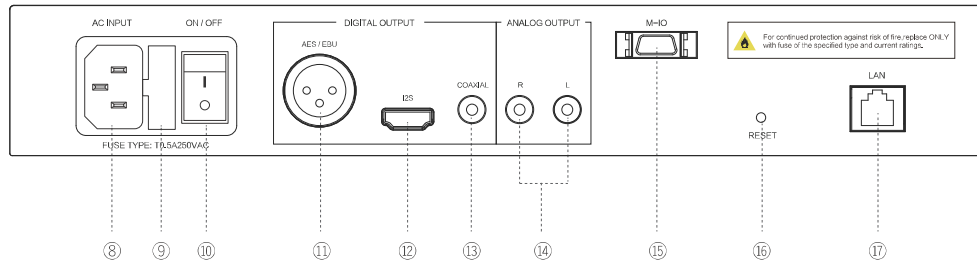
When B2 isn't connected to the network, it flashes green light slowly; when B2 is connected to the network, it shows green light

When B2 is connected by Bluetooth, it shows blue light

When the volume is at 0, it shows red light

⑦ 6.35mm Headphone Jack

Rear Panel



⑧ AC Input

AC power input

⑨ Fuse Holder

Contain 2 fuses inside

⑩ Power Switch

Control power on / off

⑪ AES / EBU Port

Digital audio output, via 110 ohm balanced cable transmitting S / PDIF digital audio format

Pin definitions:

Pin 1: Ground (G)

Pin 2: Positive (+)

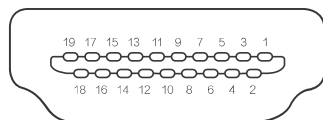
Pin 3: Negative (-)

⑫ I2S Port

Digital audio output, differential digital audio signal with HDMI cable

Pin definitions:

I2S Digital Audio Output



- PIN1 : SDATA - / DSD L -
- PIN2 : GND
- PIN3 : SDATA + / DSD L +
- PIN4 : BCK + / DSD CLK +
- PIN5 : GND
- PIN6 : BCK - / DSD CLK -
- PIN7 : LRCK - / DSD R -
- PIN8 : GND
- PIN9 : LRCK + / DSD R +
- PIN10 : NC
- PIN11 : GND
- PIN12 : NC
- PIN13 : NC
- PIN14 : NC
- PIN15 : NC
- PIN16 : NC
- PIN17 : GND
- PIN18 : NC
- PIN19 : + 3.3V OUTPUT

⑬ **COAXIAL Port**

Digital audio output, via 75 ohm coaxial cable transmitting S / PDIF digital audio signal

⑭ **RCA (L+R) Port**

Analog audio output, with AC 2V

⑮ **M-IO Port**

For expansion peripherals

⑯ **Reset Button**

Wi-Fi Connection Mode:

Short press: switch to Bluetooth mode

Press and hold for more than 5 second: reset Wi-Fi settings to default

Bluetooth Connection Mode:

Short press: switch to Wi-Fi mode

Press and hold for more than 5 seconds: disconnect the current Bluetooth mode, and reset Bluetooth setting to default

⑰ **LAN Port**

Fast Ethernet Network Interface

Amber LED: Lights up when it's connected to 100Mbps Ethernet network, flashes when transmitting or receiving data

Green LED: Lights up when it's connected to 10Mbps Ethernet network, flashes when transmitting or receiving data

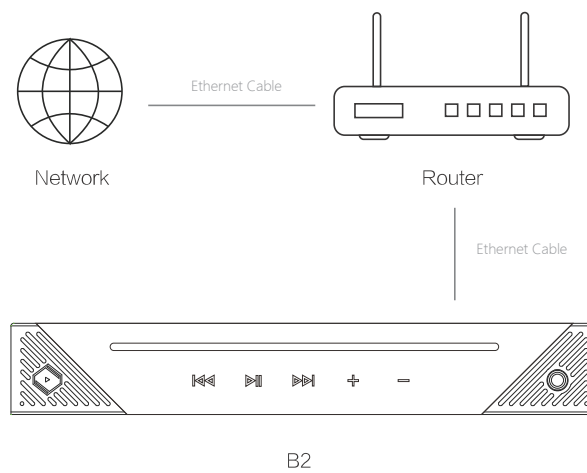
Signal Connections



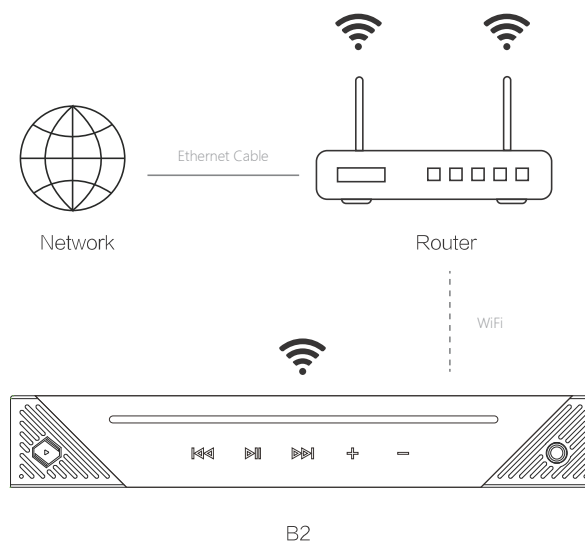
Make sure all audio devices are powered off.

B2 supports Wi-Fi and Fast Ethernet connections. Therefore, when it's connected to Ethernet network, Wi-Fi connection will be turned off; when it's not connected to Ethernet network, the Wi-Fi connection will turn on

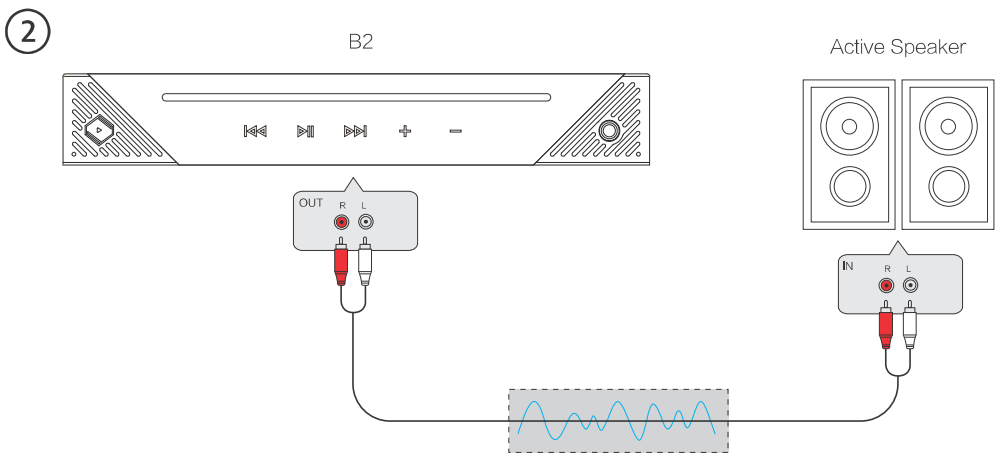
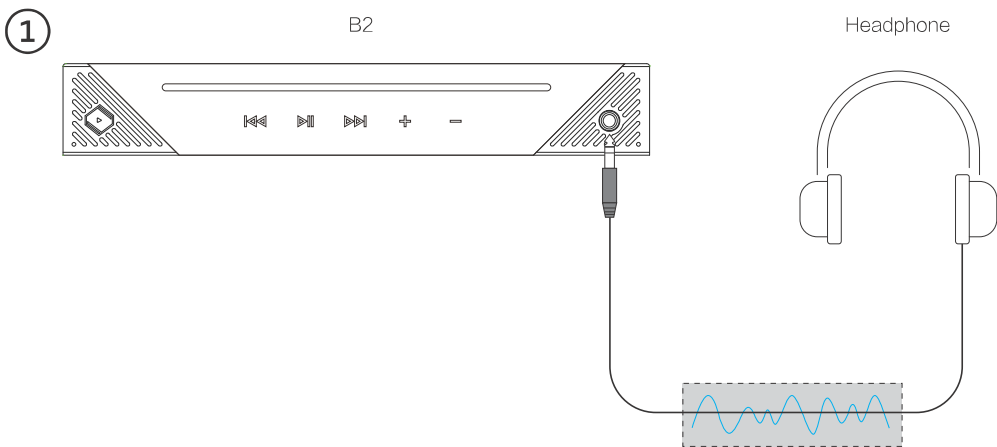
①



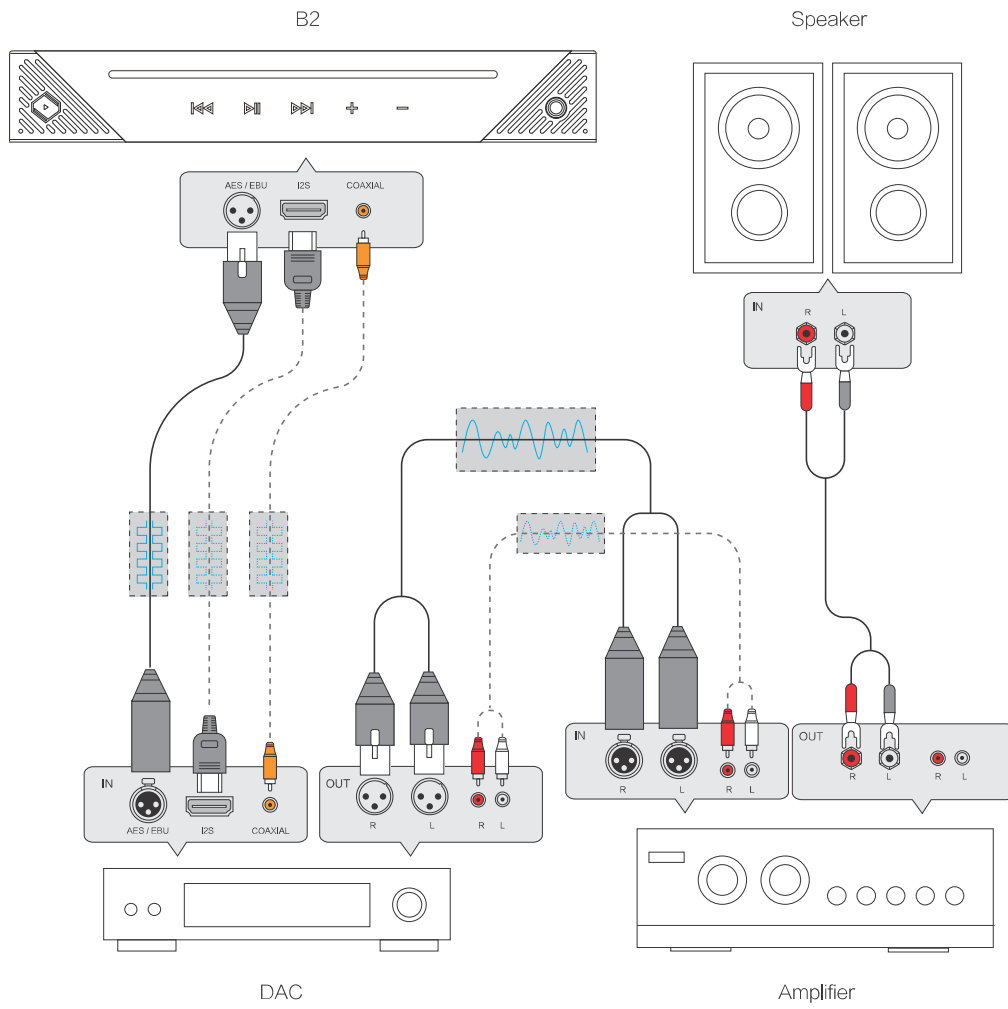
②



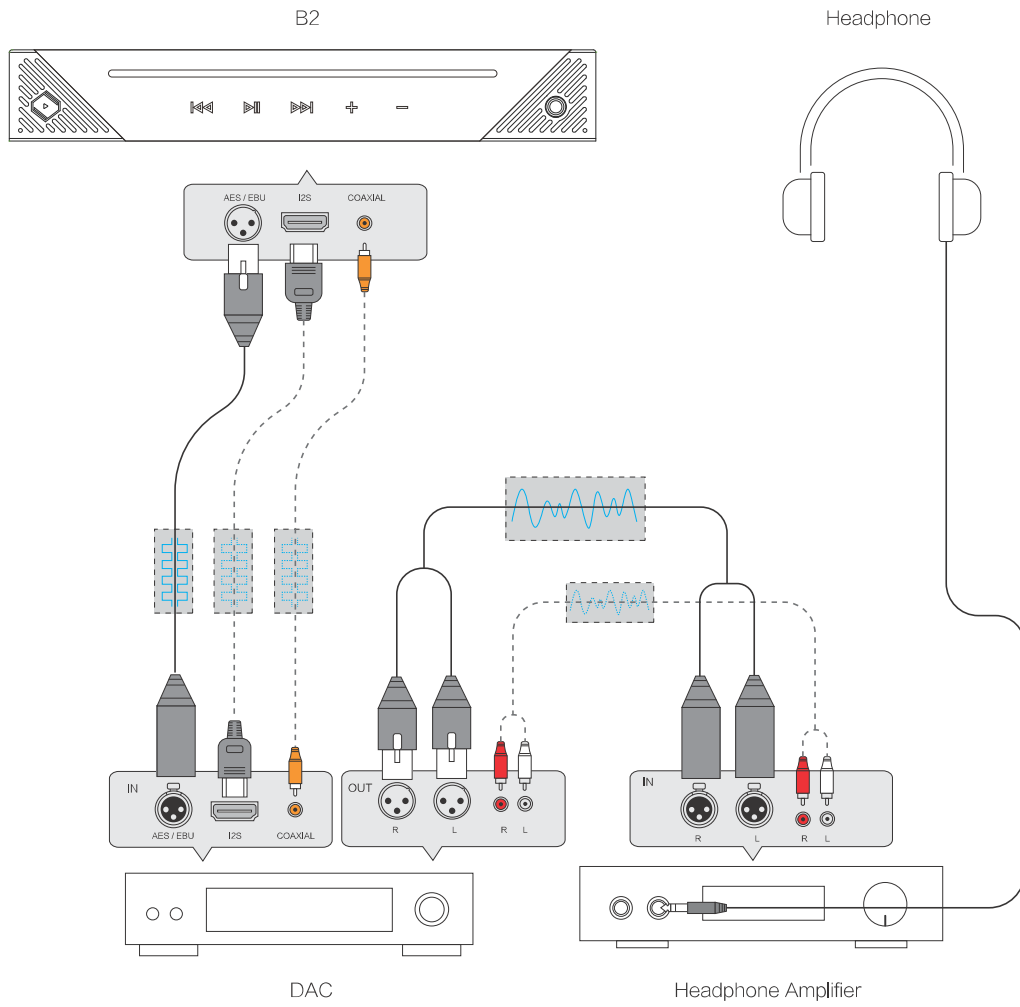
Audio Applications



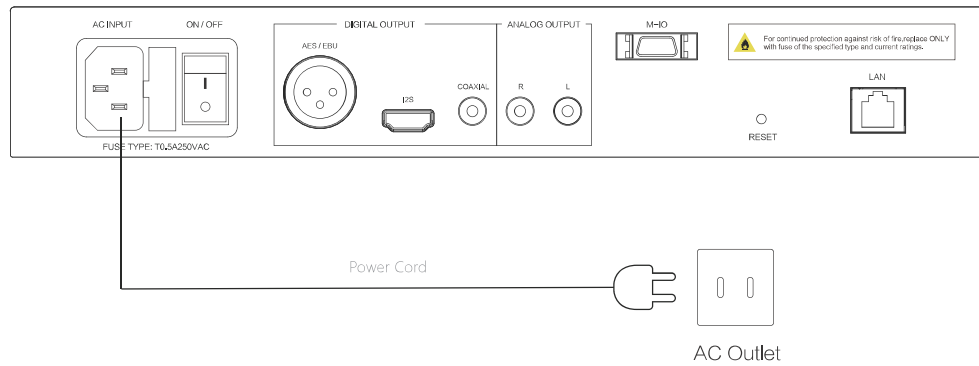
3



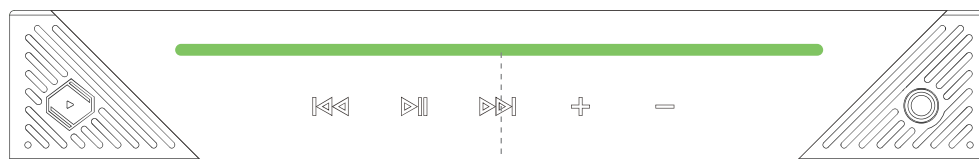
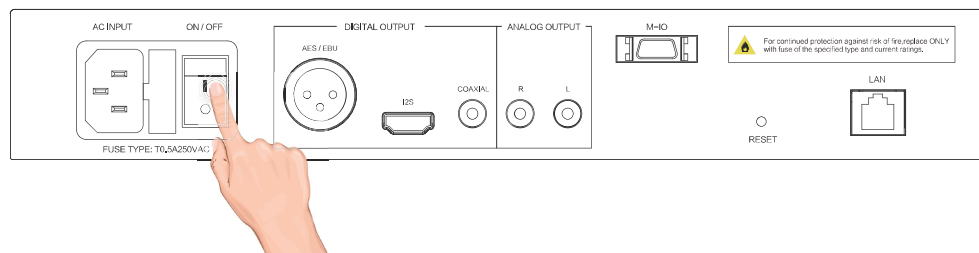
4



Power Connections



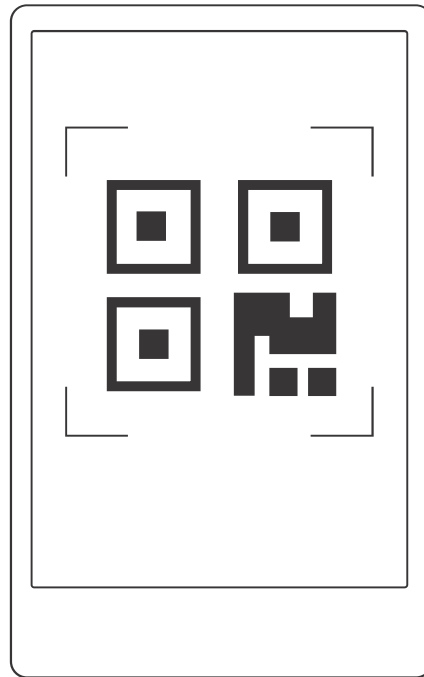
Power On



System Status Indication
(When B2 is booting, it flashes green light rapidly)

Install “VitOS Lite” App on a Pad or Phone

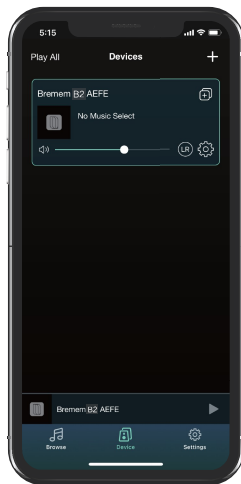
Use below QR code to install “VitOS Lite” app on a pad or phone.



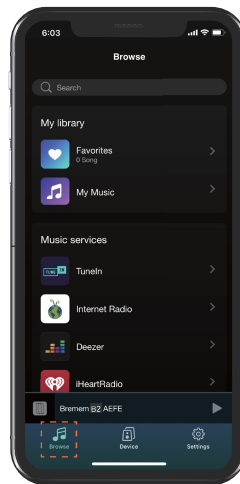
① Using iOS device to connect

With Fast Ethernet Connection

Found B2 in
"Devices" page



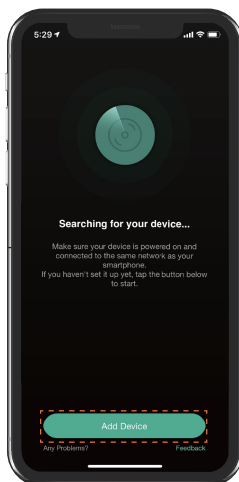
Click "Browse" to
enter main menu



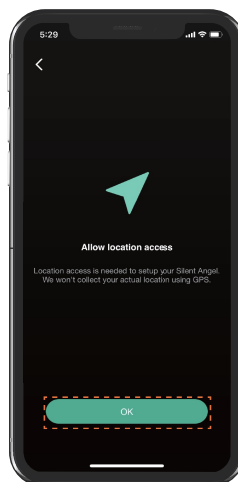
With Wi-Fi Connection

Use the VitOS Lite to discover and setup the Wi-Fi setting of Bremen B2.

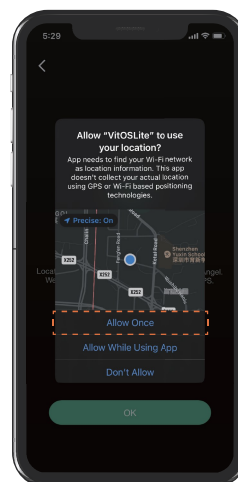
Click
"Add Device"



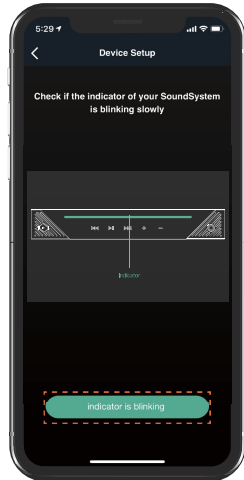
Click
"OK"



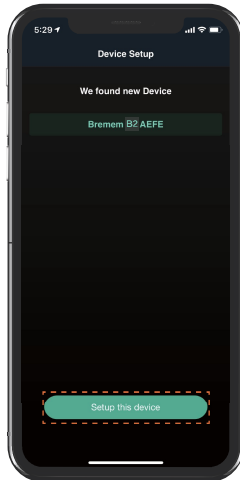
Click
"Allow Once"



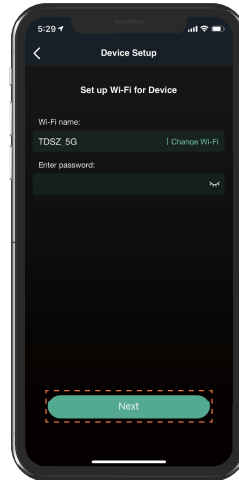
Click
"Indicator is blinking"



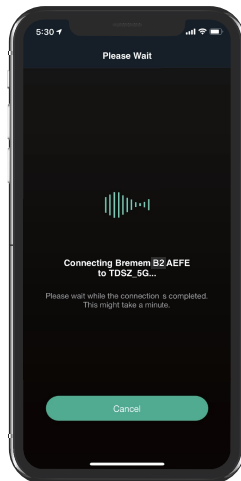
Click
"Setup this device"



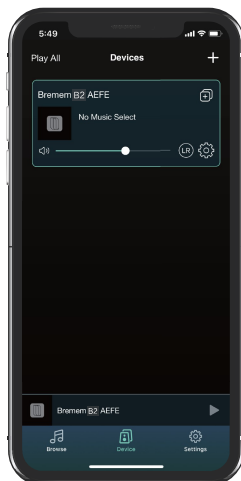
Enter password
and click "Next"



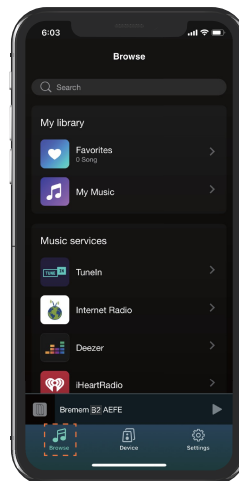
Wait for B2 to connect
to the Wi-Fi network



Found B2 in
"Devices" page



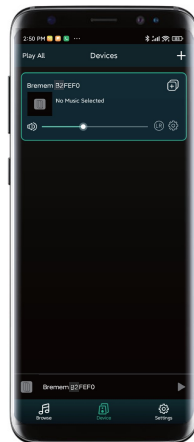
Click "Browse" to
enter main menu



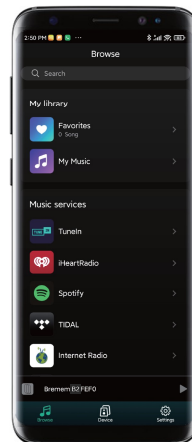
② Using Android device to connect

With Fast Ethernet Connection

Finding B2 in
"Device" page



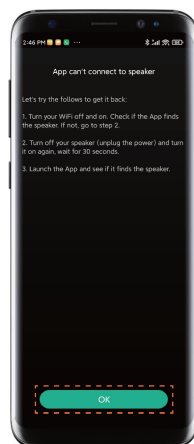
Press "Browse" to
enter main menu



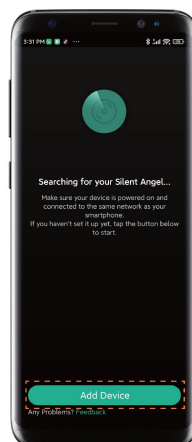
With Wi-Fi Connection

Searching and configuring Bremen B2's Wi-Fi settings with VitOS Orbiter

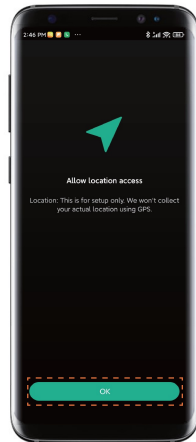
Press "OK"



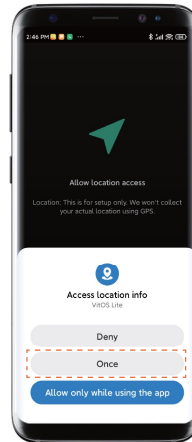
Press "Add Device"



Press "OK"



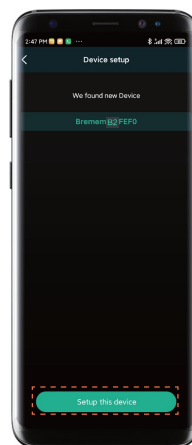
Press "Once"



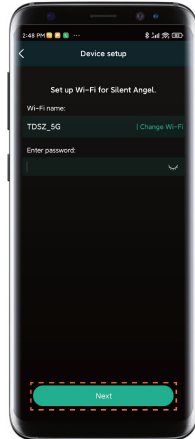
Press "indicator is blinking"



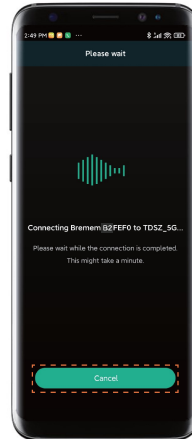
Press "Setup this device"



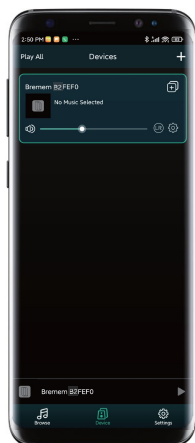
Enter Wi-Fi password,
then press "Next"



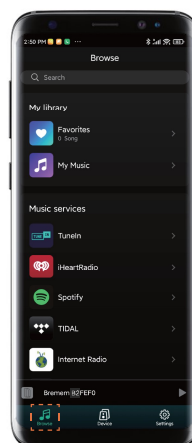
Wait for the connection
completed



Finding B2 in
"Device" page



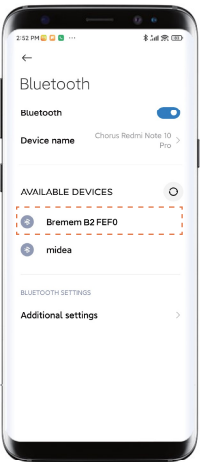
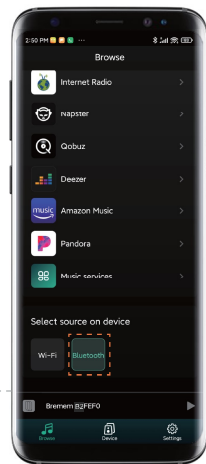
Press "Browse" to
enter main menu



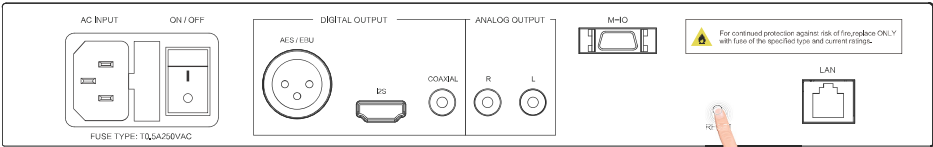
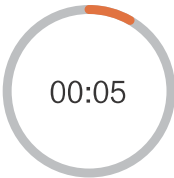
Bluetooth Connection

Press "Bluetooth" to setup

After processing,go to "Setting"
on your phone to discover and connect
the available "Bremen B2 XXXX"

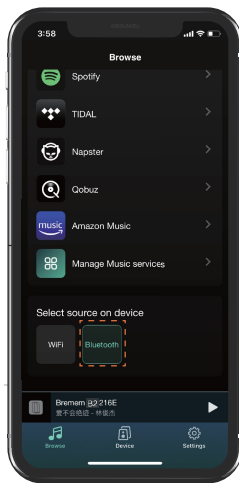


Press the "RESET" button on the rear
panel, and hold for 5 seconds

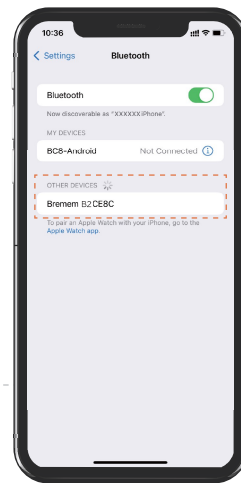


Use Another Device to Connect Bluetooth

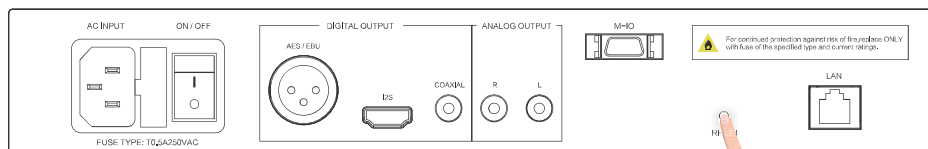
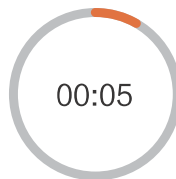
Click "Bluetooth" to enter Bluetooth mode



Go to "Setting" on your phone to discover Bluetooth Device "Bremen B2 XXXX" and connect



Press the "RESET" button at rear panel, and hold for 5 seconds to process



FCC Warnings

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

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. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



SILENT ANGEL

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