



SILENT ANGEL

Quick Start Guide

Bremen B1

Plug & Play Hi-Fi



Thank you for choosing
Silent Angel

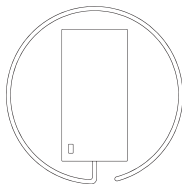
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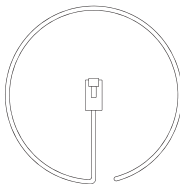
Package Contents



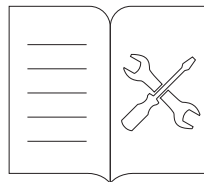
B1



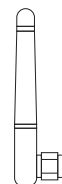
Power Adaptor



Ethernet Cable

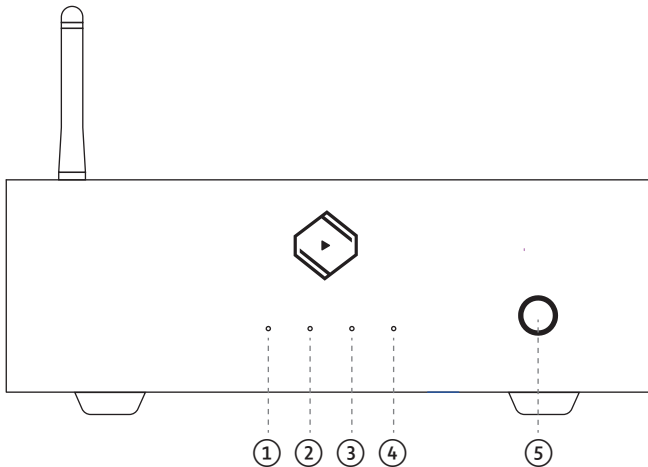


Quick Start Guide



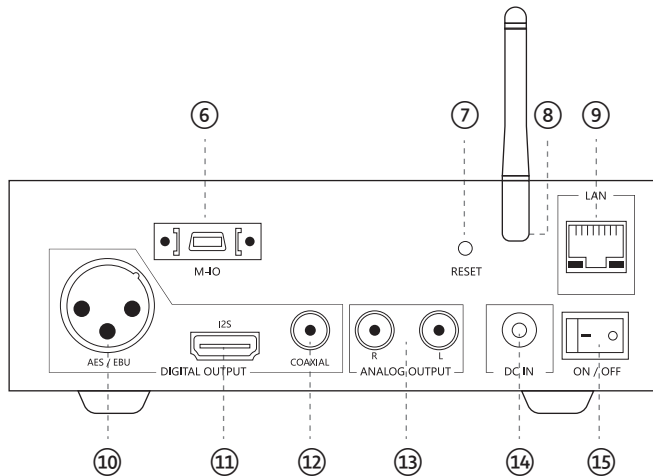
Antenna

Front Panel



- ① **Mute LED (Red)**
Static on: Playback volume is set to minimum.
- ② **Power LED (Green)**
Static on: Powered on.
- ③ **Syem Status LED (Amber)**
Fast blinking: System is booting.
Slow blinking: Connecting to Wi-Fi, Ethernet, or Bluetooth.
Static on: Successfully connected.
- ④ **Playing and Bluetooth status LED (Green)**
Static on: Playing music.
Slow blinking: Connecting to Bluetooth.
- ⑤ **6.35mm Headphone Jack**
Analog audio output for 6.35mm headphone plug.

Back Panel



- 6** M-IO
Expansion connector for extra peripherals.
- 7** **Reset Button**
Wi-Fi connection mode:
Short press: Switch to Bluetooth mode.
Press and hold for over 5 seconds: Reset Wi-Fi settings to default vale.
- Bluetooth connection mode:
Short press: Switch to Wi-Fi mode.
Press and hold for over 5 seconds: Disconnect current Bluetooth, and reset the settings.
- 8** **Antenna**
Antenna for both Wi-Fi and Bluetooth.
- 9** **LAN**
Fast Ethernet network port.
Amber LED: On when 100Mbps Ethernet is connected, blinking when signal is transmitting or receiving.
Green LED: On when 10Mbps Ethernet is connected, blinking when signal is transmitting or receiving.

10 AES / EBU

Digital audio output that carries S/PDIF digital audio format with 110 ohm balanced cable. Pin assignments:

PIN 1: Ground (G)

PIN 2: Positive (+)

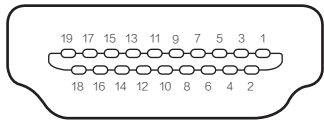
PIN 3: Negative (-)

11 I2S

Digital audio output that supports native differential digital audio signal in LVDS signal standard with HDMI cable.

Pin assignments as below figure.

I2S Digital Audio Output



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

12 COAXIAL

Digital audio output that carries S/PDIF digital audio format with 75 ohm coaxial cable.

13 RCA (L+R)

Analog audio output that carries 2VAC

14 DC Input

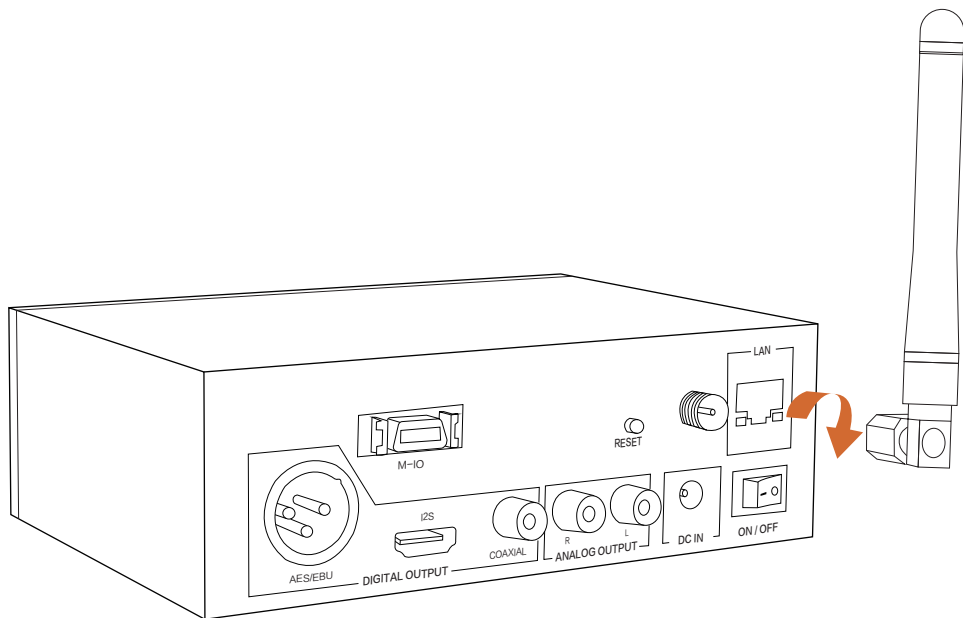
DC 5V power input

15 Power Switch

Control power on / off

Assemble Antenna

See the picture below, equipping the antenna to enjoy Bremen B1's wireless functionalities (Wi-Fi & Bluetooth).

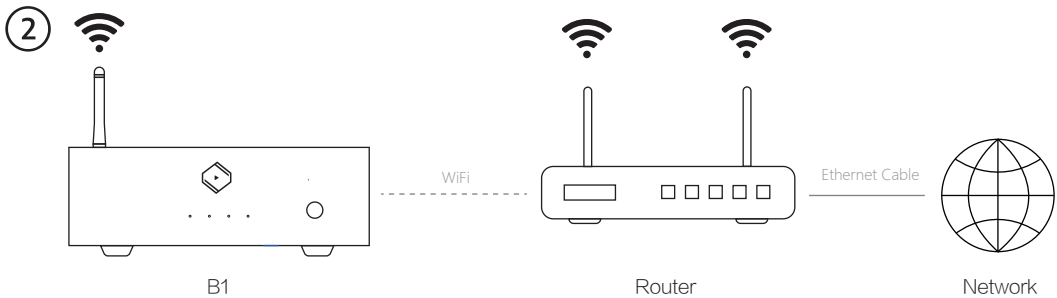
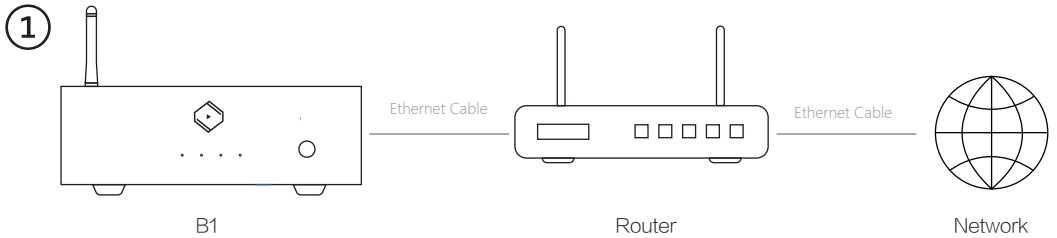


Signal Connections

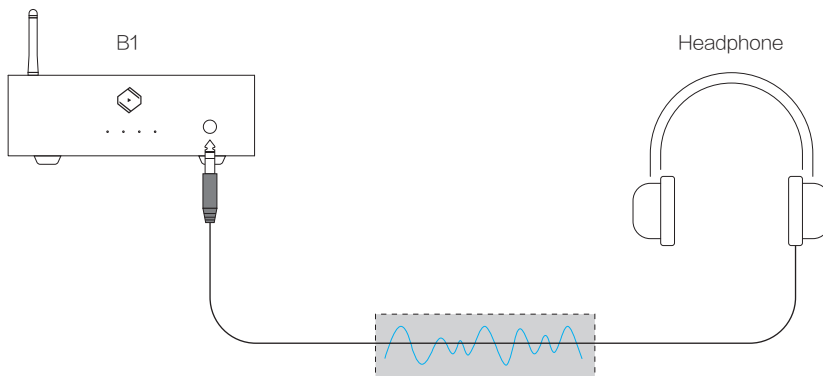
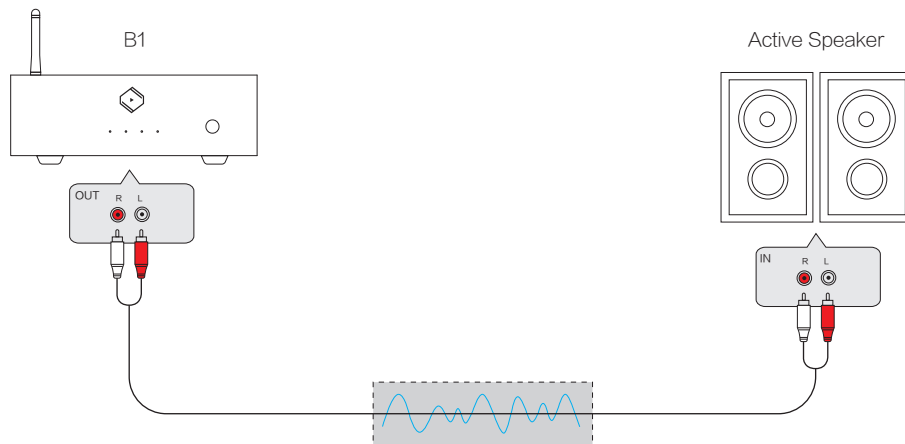


Make sure all audio devices are powered off.

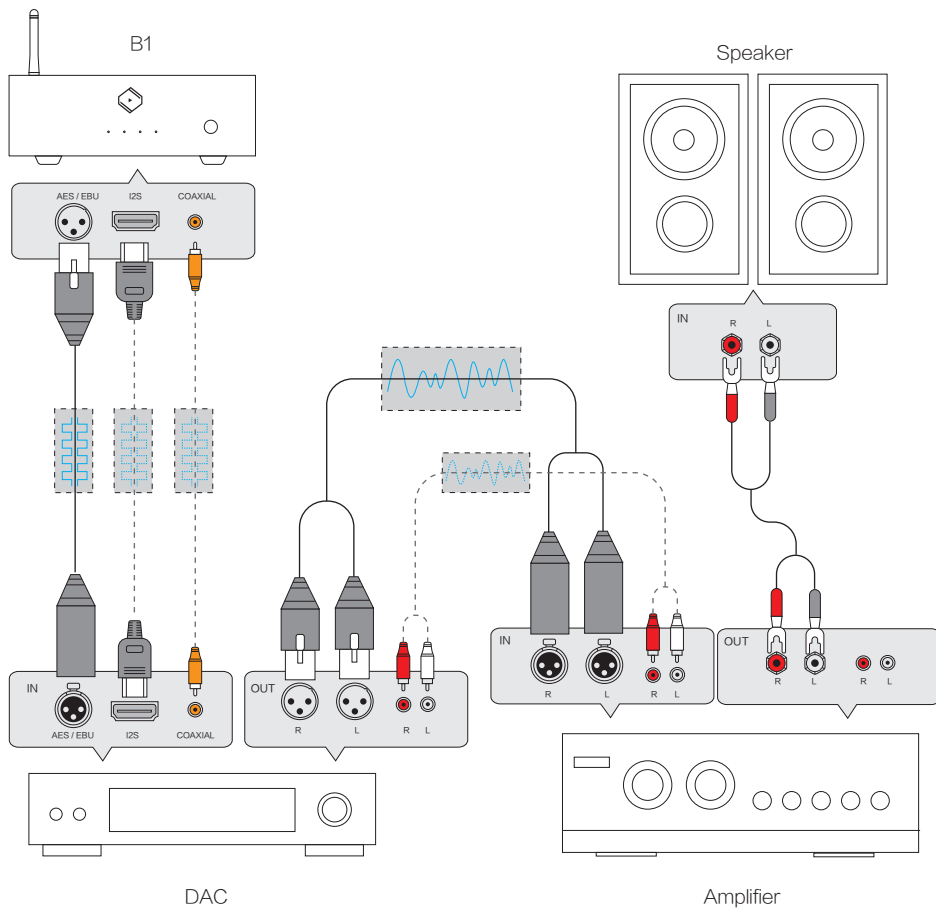
B1 supports Wi-Fi connection and Fast Ethernet connection. Hence, when wired Ethernet is connected, the Wi-Fi will be turned off; when wired Ethernet is not connected, the Wi-Fi will be turned on.



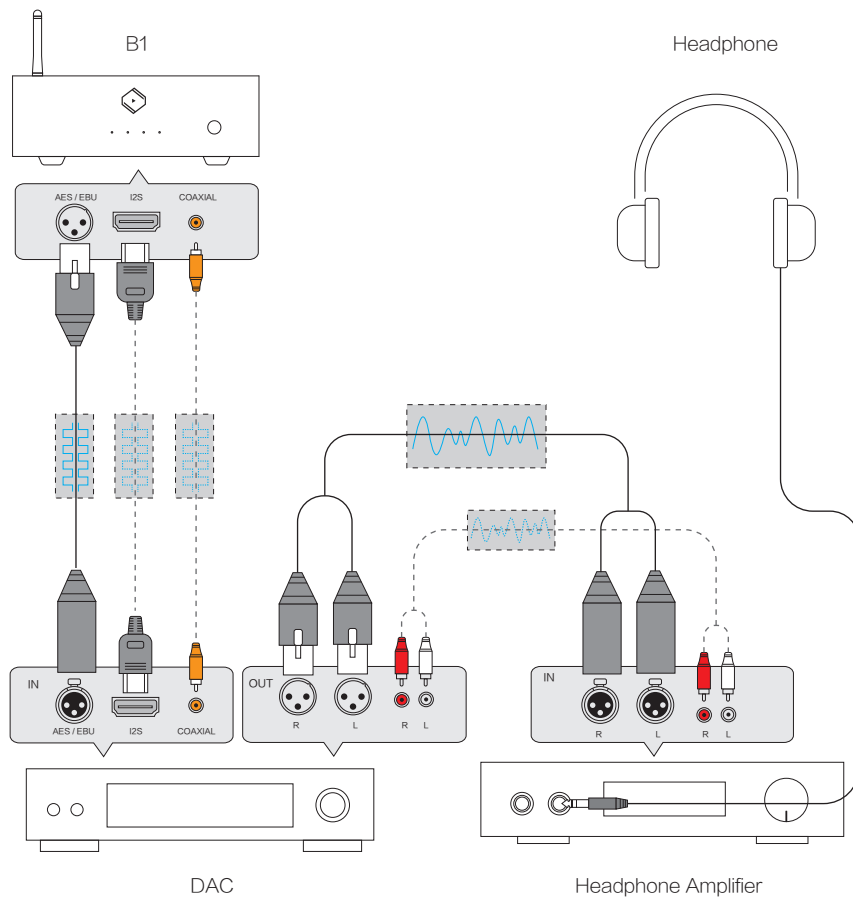
Audio Applications

1**2**

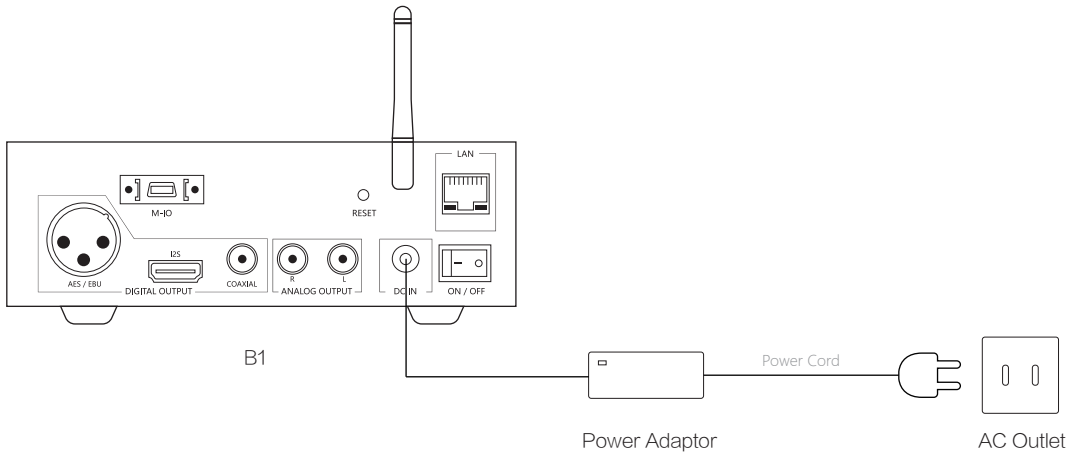
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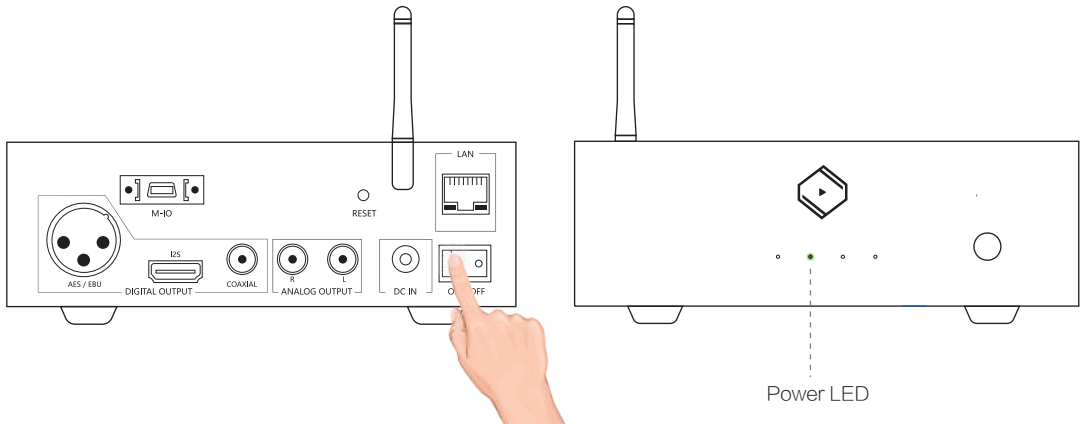
4



Power Connections

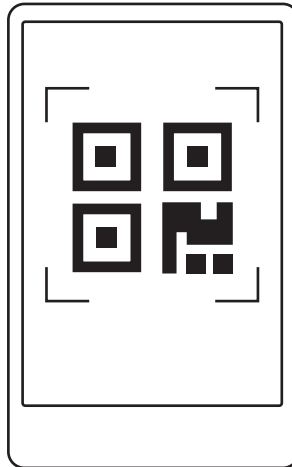


Power On



Install "VitOS Lite" App on a Pad or Phone

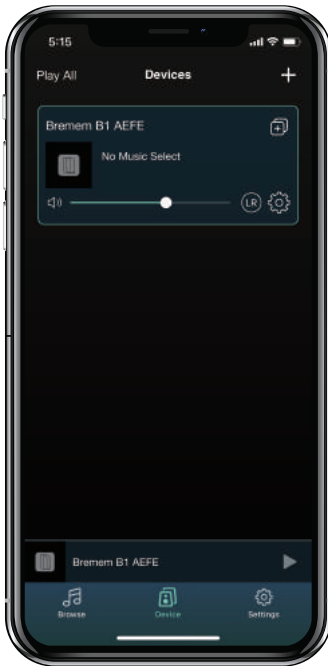
Use below QR code to install "VitOS Lite" app on a pad or phone.



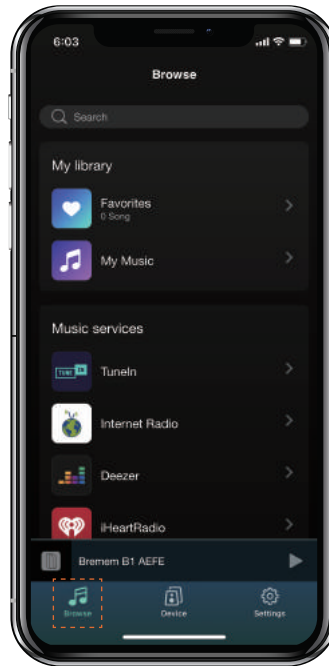
① Using iOS device to connect

With Fast Ethernet Connection

Found B1 in
"Devices" page



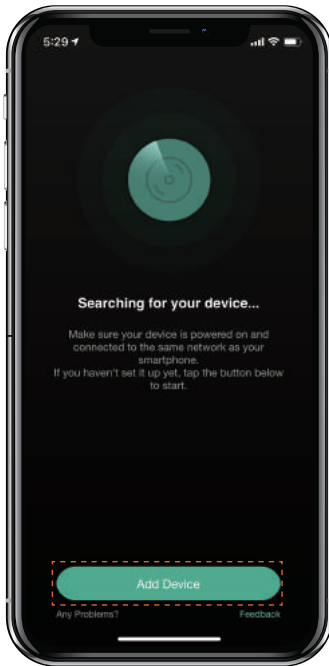
Press "Browse"
to enter main menu



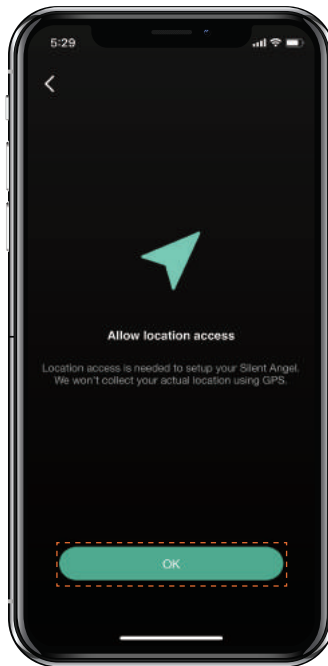
With Wi-Fi Connection

Use the VitOS Lite to discover and setup the Wi-Fi setting of Bremen B1.

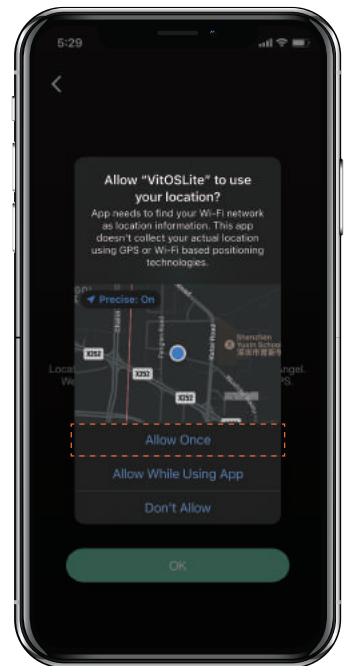
Press
"Add Device"



Press
"OK"



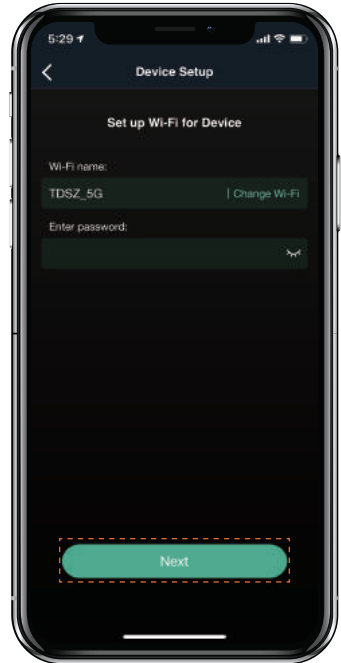
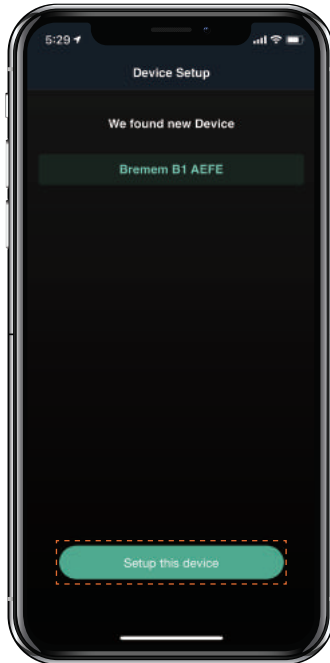
Press
"Allow Once"



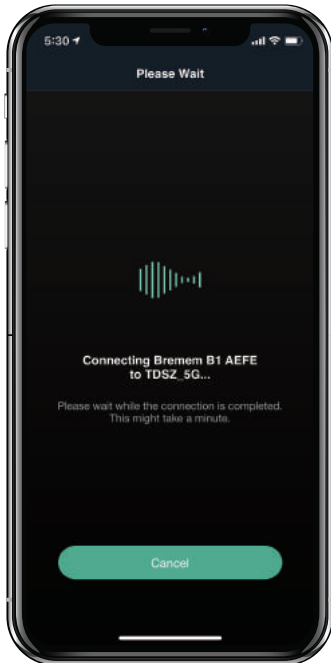
Press
"Indicator is blinking"

Press
"Setup this device"

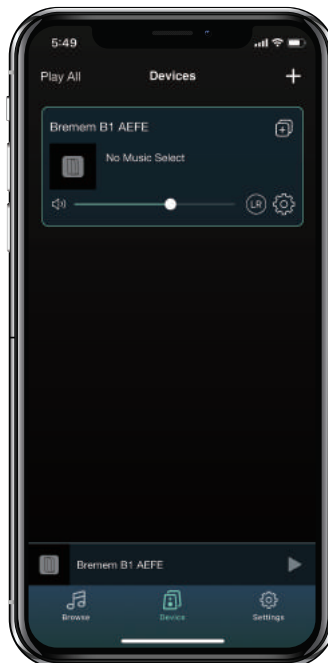
Enter password
and click "Next"



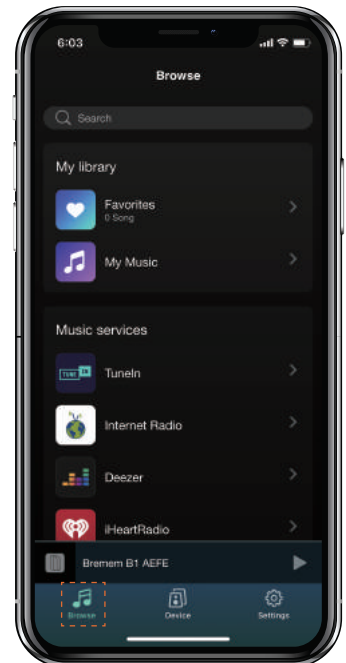
Wait for B1 to connect to the Wi-Fi network



Found B1 in "Devices" page



Press "Browse" to enter main menu



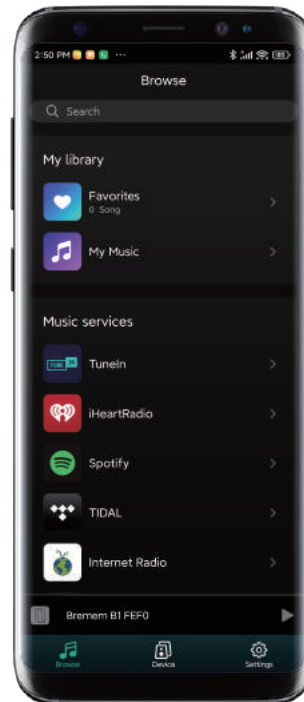
② Using Android device to connect

With Fast Ethernet Connection

Finding B1 in
"Device" page



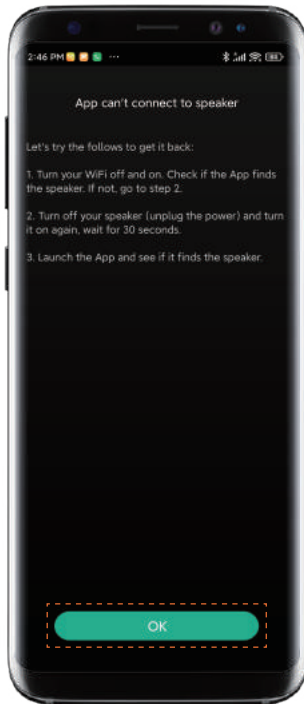
Press "Browse" to
enter main menu



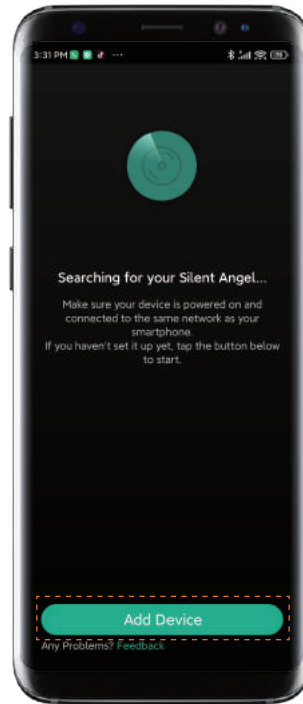
With Wi-Fi Connection

Searching and configuring Bremen B1's Wi-Fi settings with VitOS Orbiter

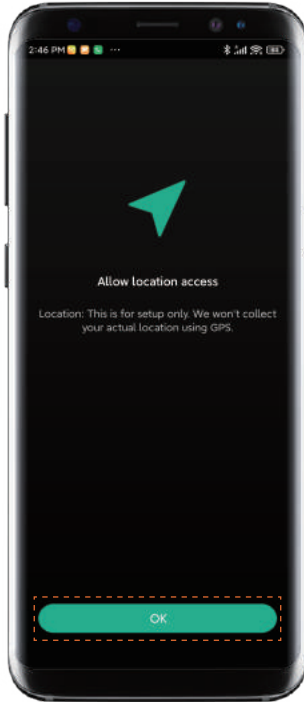
Press "OK"



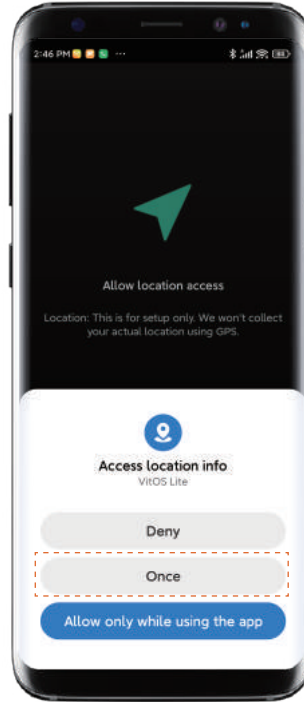
Press "Add Device"



Press "OK"



Press "Once"



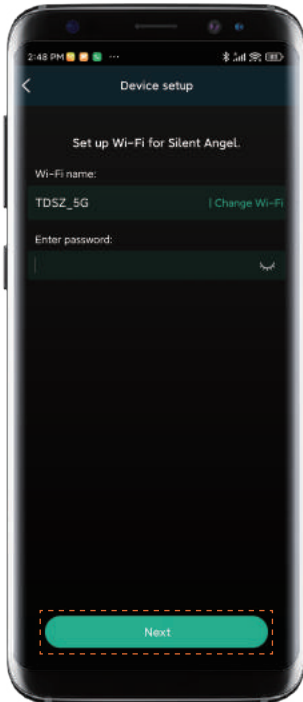
Press "indicator is blinking"



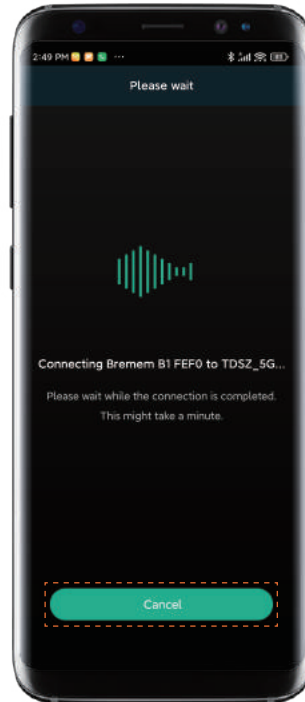
Press "Setup this device"



Enter Wi-Fi password,
then press "Next"



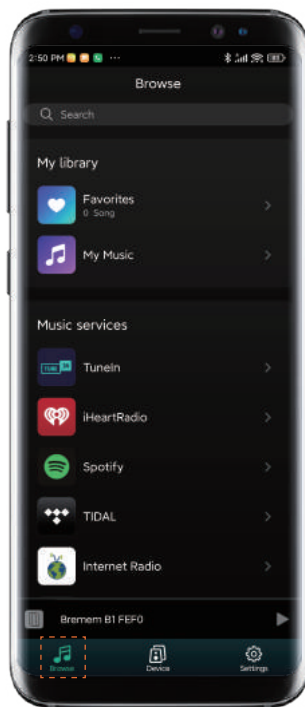
Wait for the connection
completed



Finding B1 in
"Device" page

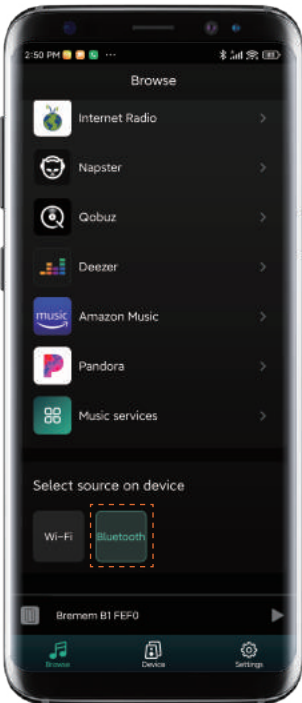


Press "Browse" to
enter main menu

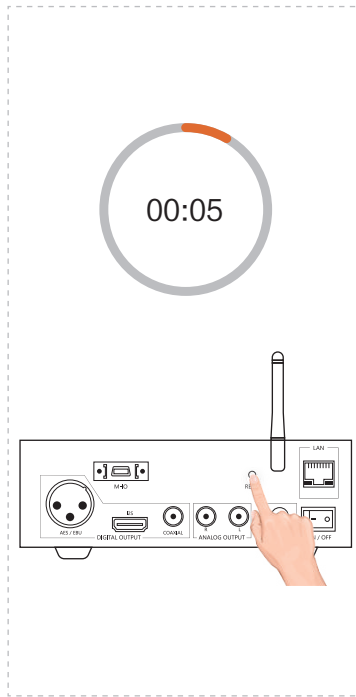


Bluetooth Connection

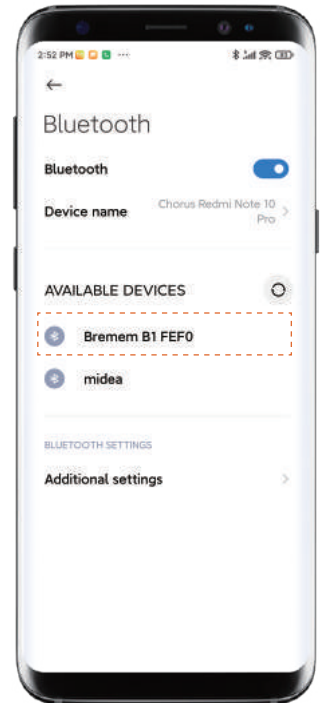
Press "Bluetooth" to setup



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

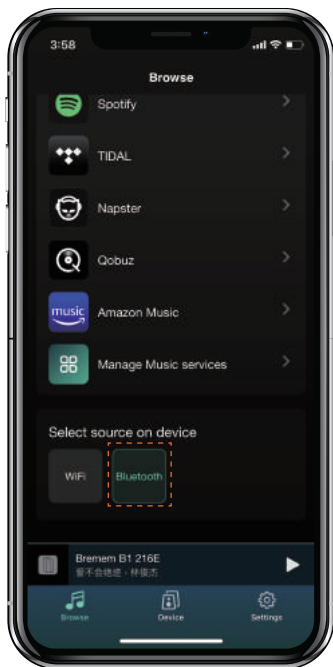


After processing, go to "Setting" on your phone to discover and connect the available "Bremem B1 XXXX"

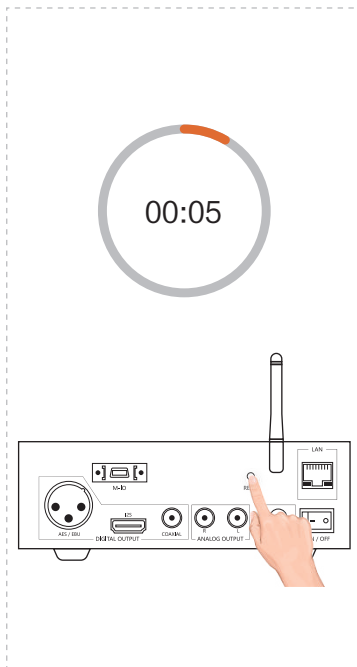


Use Another Device to Connect Bluetooth

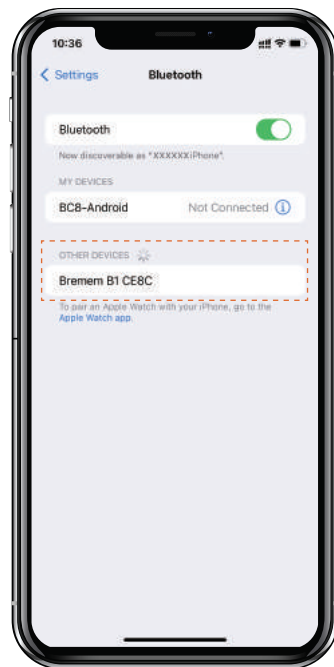
Press "Bluetooth" to enter Bluetooth mode



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



Go to "Setting" on your phone to discover Bluetooth Device "Bremem B1 XXXX" and connect



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