SILENT ANGEL

Bremen B2

Catalog

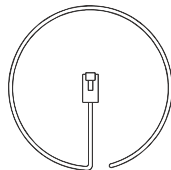## Package Contents

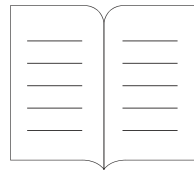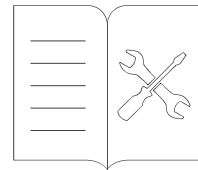B2 x1

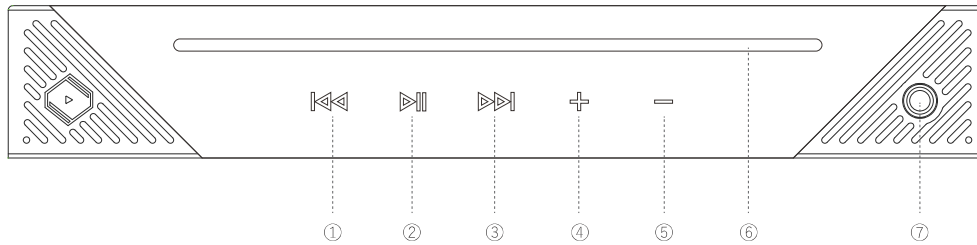Power Cord x1   Ethernet Cable x1   Quick Start Guide x1   Warranty Card x1

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
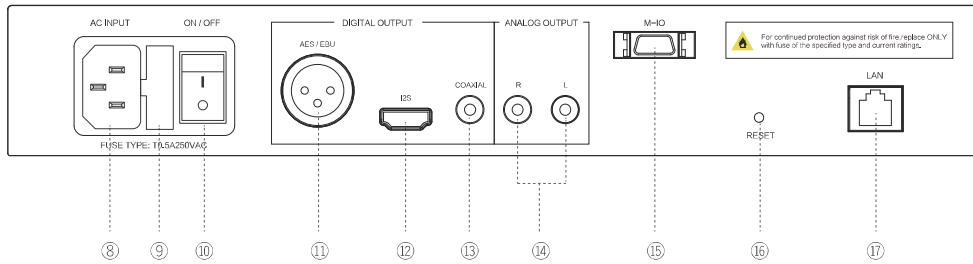
When B2 is booting，it flashes green light rapidly

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
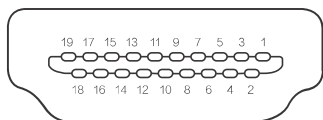
Pin definitions：

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

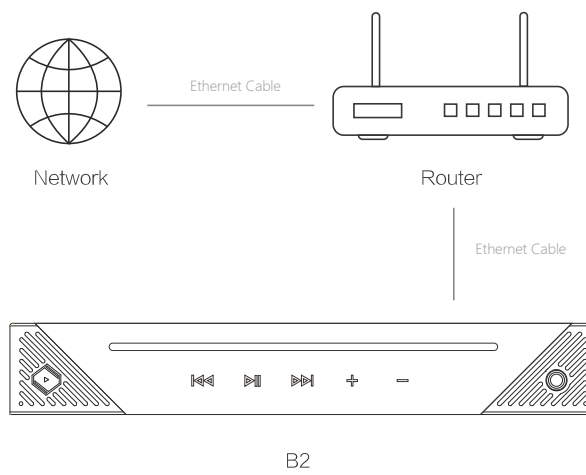Green LED：Lights up when it's connected to 10Mbps Ethernet network, flashes when transmitting or receiving data
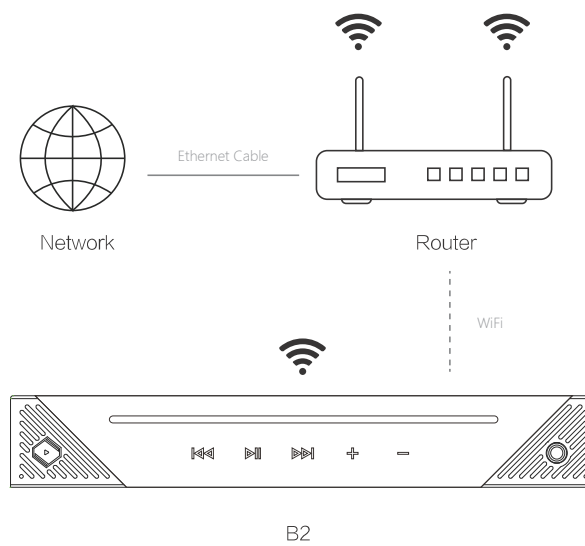
Signal Connections

⚠ 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
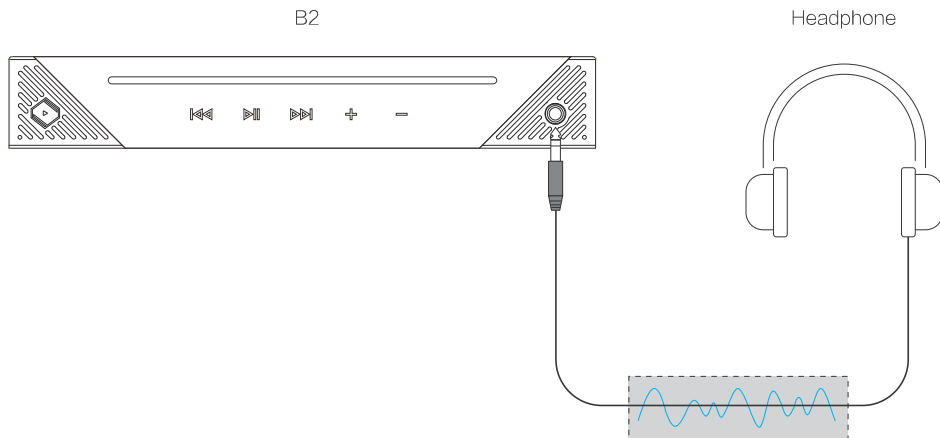
①
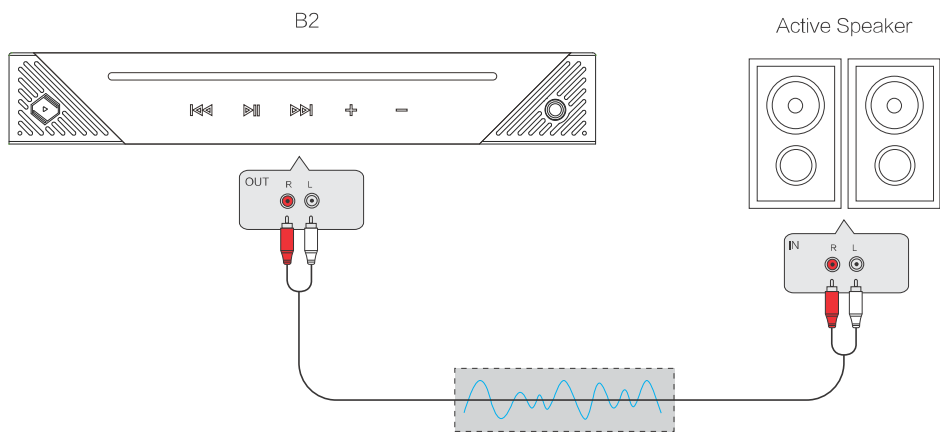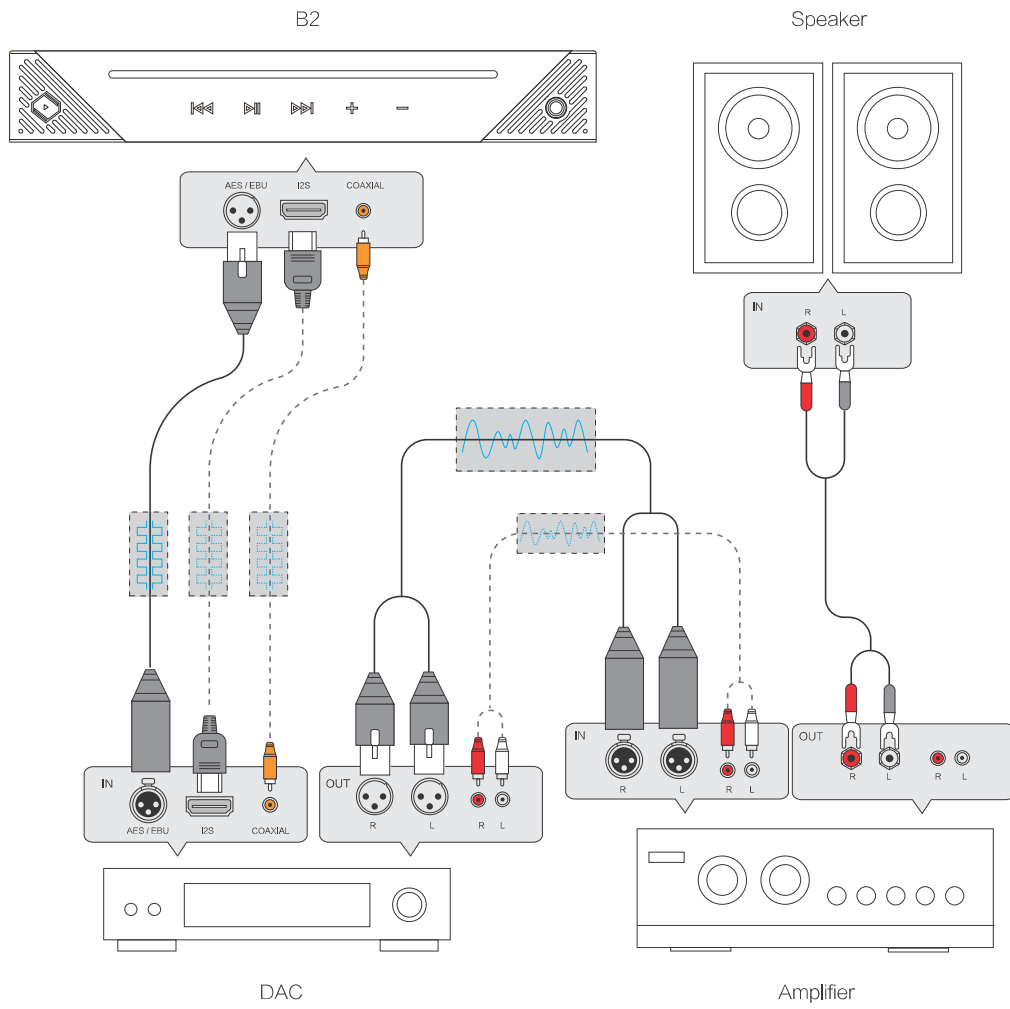
Ethernet Cable

Network   Router

Ethernet Cable

B2

②

Ethernet Cable

Network   Router

WiFi

B2

Audio Applications

① B2   Headphone

② B2   Active Speaker

OUT R L

IN R L

③

B2

Speaker

AES / EBU   I2S   COAXIAL

IN   R   L

IN
AES / EBU   I2S   COAXIAL

OUT
R   L   R   L

IN
R   L   R   L

OUT
R   L   R   L

DAC

Amplifier

④

B2

Headphone

AES / EBU   I2S   COAXIAL

IN
AES / EBU   I2S   COAXIAL

OUT
R   L   R   L

IN
R   L   R   L

DAC

Headphone Amplifier
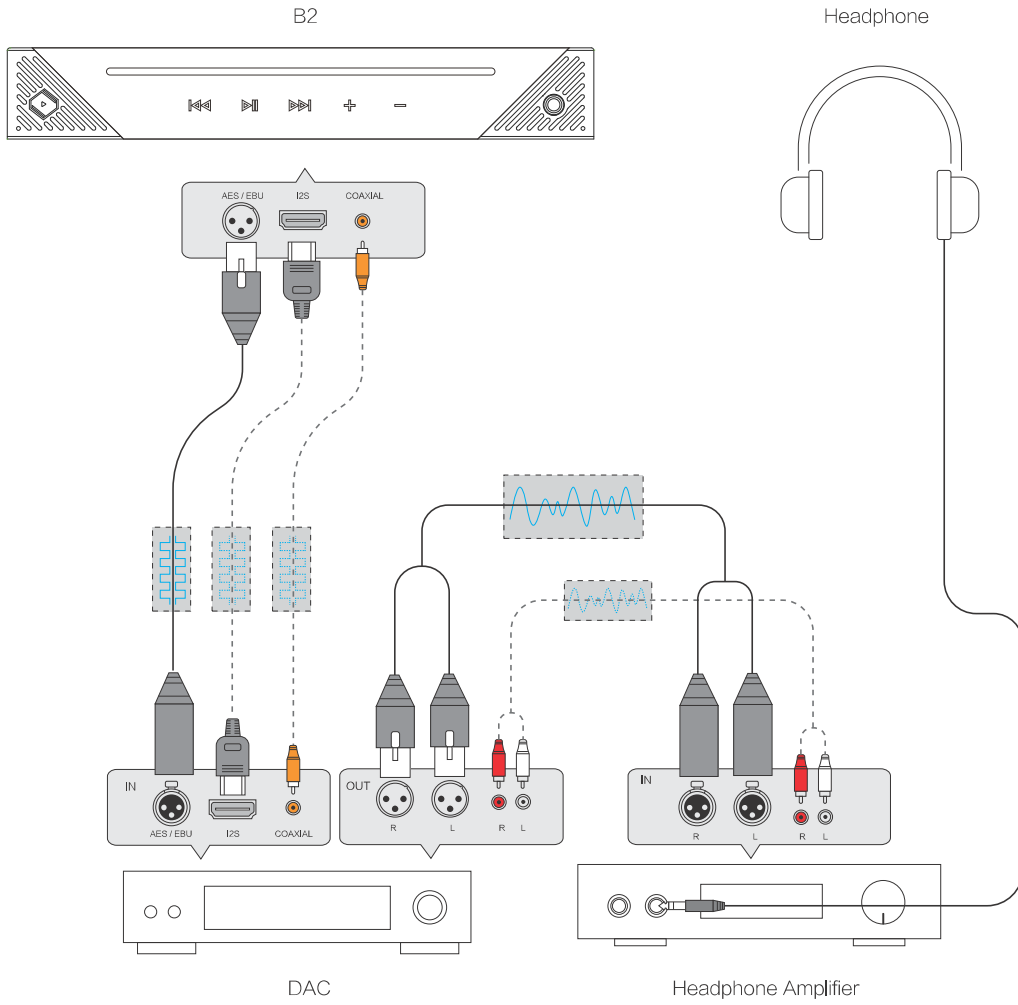
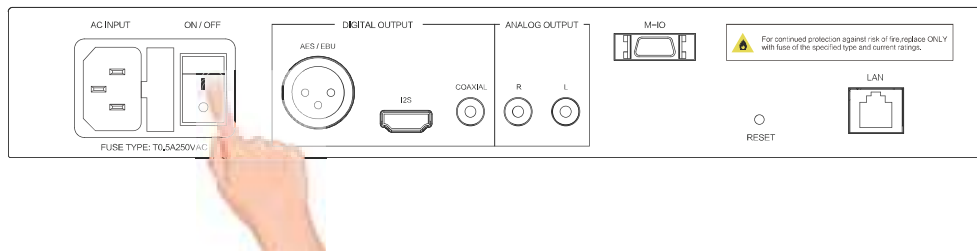# Power Connections

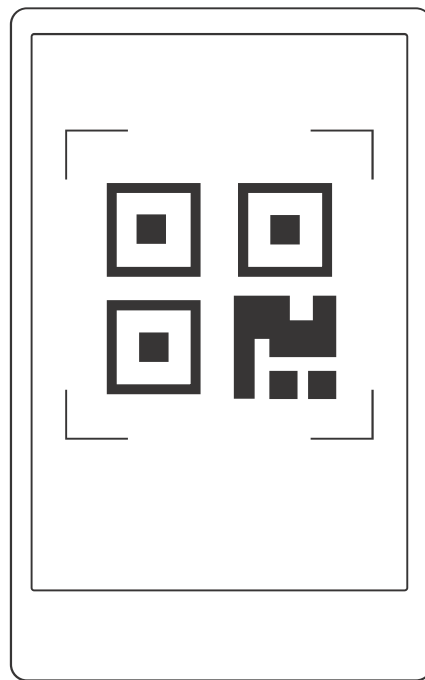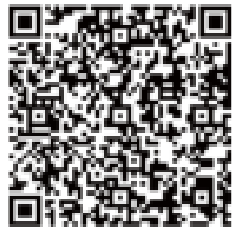Power Cord
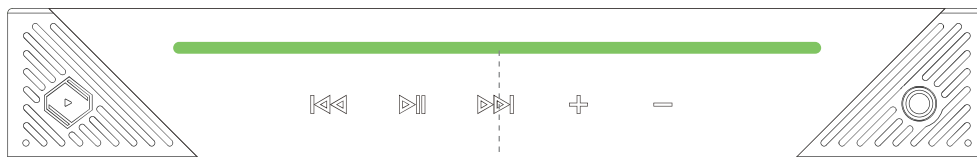
AC Outlet

Power On

System Status Indication

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

10

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

<div>
Found B2 in
"Devices" page

Click "Browse" to
enter main menu
</div>

With Wi-Fi Connection

Use the VitOS Lite to discover and setup the Wi-Fi setting of Bremen B2.
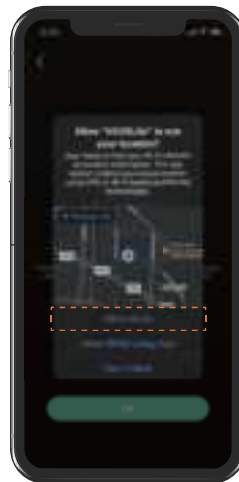
<div>
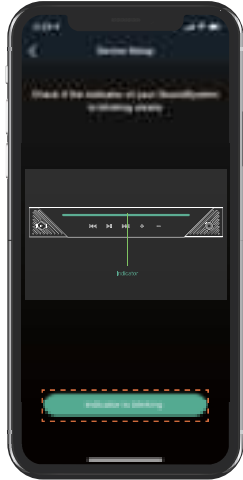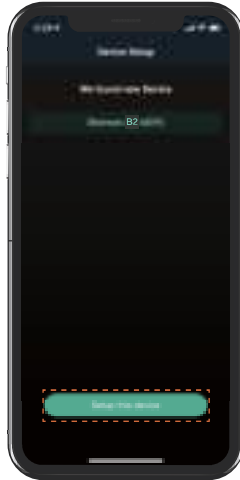Click
"Add Device"

Click
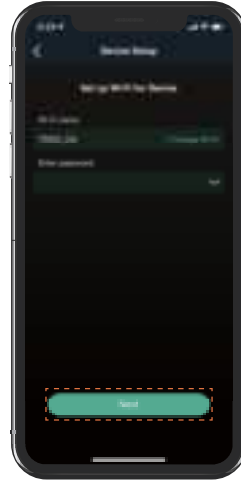"OK"

Click
"Allow Once"
</div>

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
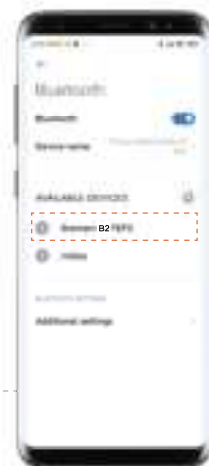"Device" page

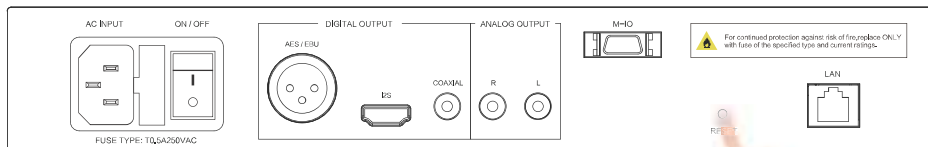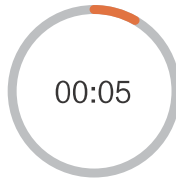Press "Browse" to
enter main menu

Bluetooth Connection

Press "Bluetooth" to setup

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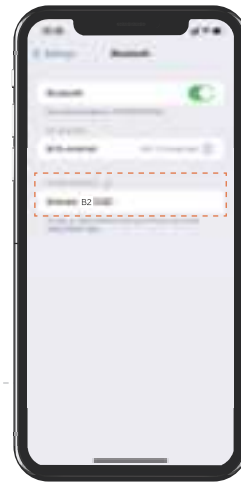on your phone to discover and connect
the available "Bremen B2 XXXX"

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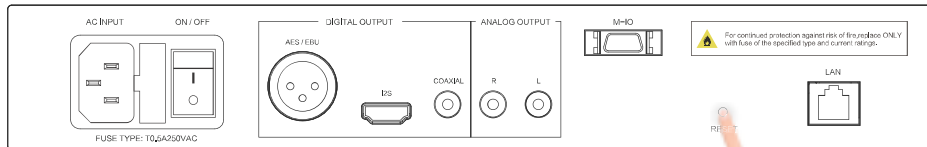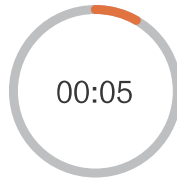panel, and hold for 5 seconds

00:05

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

00:05

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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