




JBL BandBox Trio



OWNER'S MANUAL

IMPORTANT SAFETY INSTRUCTIONS

For all products:

1. Clean only with a dry cloth.
2. Do not block any ventilation openings. Install this apparatus in accordance with the manufacturer's instructions.
3. Do not install this apparatus near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
4. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
5. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
6. Use only attachments/accessories specified by the manufacturer.
7. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
8. Unplug this apparatus during lightning storms or when unused for long periods of time.
9. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
10. To disconnect this apparatus from the AC mains completely, disconnect the power-supply cord plug from the AC receptacle.
11. The mains plug of the power-supply cord shall remain readily operable.
12. This apparatus is intended to be used only with the power supply and/or charging cable provided by the manufacturer.

The following instructions may not apply to waterproof devices. Refer to your device user manual or quick start guide for more waterproof instruction if any.

- Do not use this apparatus near water.
- Do not expose this apparatus to dripping or splashing, and ensure that no objects filled with liquids, such as vases, are placed on the apparatus.

WARNING:

- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.



THIS SYMBOL ON THE PRODUCT MEANS THERE IS UNINSULATED, DANGEROUS VOLTAGE WITHIN THE PRODUCT ENCLOSURE THAT MAY PRESENT A RISK OF ELECTRICAL SHOCK.



THIS SYMBOL ON THE PRODUCT MEANS THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THIS GUIDE.

CAUTION FCC AND IC STATEMENT FOR USERS

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.

CAN ICES(B)/NMB(B)

FCC SDOC SUPPLIER'S DECLARATION OF CONFORMITY

HARMAN International hereby declares that this equipment is in compliance with the FCC Part 15 Subpart B.

Federal Communication Commission Interference Statement

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.

Caution:

- Changes or modifications not expressly approved by HARMAN could void the user's authority to operate the equipment.

For Products That Transmit RF Energy:

(i) This device contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

(ii) Radiation Exposure statement

This equipment complies with FCC and IC RSS-102 radiation exposure limits set forth for an uncontrolled environment.

For radio equipment operates in 5150-5850MHz

FCC and IC Caution:

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage to LE LAN (Licence-Exempt Local Area Network) devices. No configuration controls are provided for this wireless equipment allowing any change in the frequency of operations outside the FCC grant of authorization for US operation according to Part 15.407 of the FCC rules.

IC Caution:

User should also be advised that:

1. The device for operation in the band 5150 - 5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
2. The maximum antenna gain permitted for devices in the bands 5250 - 5350 MHz and 5470 - 5725 MHz shall comply with the e.i.r.p. limit: and
3. The maximum antenna gain permitted for devices in the band 5725 - 5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

Use Restriction Attention in European Union, operation is limited to indoor use within the band 5150-5350 MHz.

Correct disposal of this product (Waste Electrical & Electronic Equipment)

This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.



This product is RoHS compliant.

This product is in compliance with Directive 2011/65/EU and UK The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, and its amendments, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

REACH

REACH (Regulation No 1907/2006) addresses the production and use of chemical substances and their potential impacts on human health and the environment. Article 33(1) of REACH Regulation requires suppliers to inform the recipients if an article contains more than 0.1 % (per weight per article) of any substance(s) on the Substances of Very High Concern (SVHC) Candidate List ('REACH candidate list'). This product may contain the substance "lead"(CAS-No. 7439-92-1) in a concentration of more than 0.1% per weight.

At the time of release of this product, except for the lead substance, no other substances of REACH candidate list are contained in a concentration of more than 0.1% per weight in this product.

Note:

- On June 27, 2018, lead was added to the REACH candidate list. The inclusion of lead in the REACH candidate list does not mean that lead-containing materials pose an immediate risk or results in a restriction of permissibility of its use.

For devices with headphone jacks

WARNINGS/CAUTIONS



Do NOT use the headphones at a high volume for any extended period.

- To avoid hearing damage, use your headphones at a comfortable, moderate volume level.
- Turn the volume down on your device before placing the headphones on your ears, then turn the volume up gradually until you reach a comfortable listening level.

For Products That Include Batteries

Instructions for Users on Removal, Recycling and Disposal of Used Batteries

To remove the batteries from your equipment or remote control, reverse the procedure described in the owner's manual for inserting batteries. For products with a built-in battery that lasts for the lifetime of the product, removal may not be possible for the user. In this case, recycling or recovery centers handle the dismantling of the product and the removal of the battery. If, for any reason, it becomes necessary to replace such a battery, this procedure must be performed by authorized service centers. In the European Union and other locations, it is illegal to dispose of any battery with household trash. All batteries must be disposed of in an environmentally sound manner. Contact your local waste-management officials for information regarding the environmentally sound collection, recycling and disposal of used batteries.

WARNING:

- Danger of explosion if battery is incorrectly replaced. To reduce risk of fire, explosion or leakage of flammable liquid/gas, don't disassemble, crush, puncture, short external contacts, expose to temperature above 60°C (140°F), sunshine or like, expose to extremely low air pressure or dispose of in fire or water. Replace only with specified batteries. The symbol indicating 'separate collection' for all batteries and accumulators shall be the crossed-out wheeled bin shown below:



WARNING - For Products Contain Coin/Button Cell Batteries

DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD. This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

For All Products with Wireless Operation:

HARMAN International hereby declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and UK Radio Equipment Regulations 2017. The declaration of conformity may be consulted in the specs section of the product detail page, accessible from www.jbl.com or in www.jbl.com/doc.

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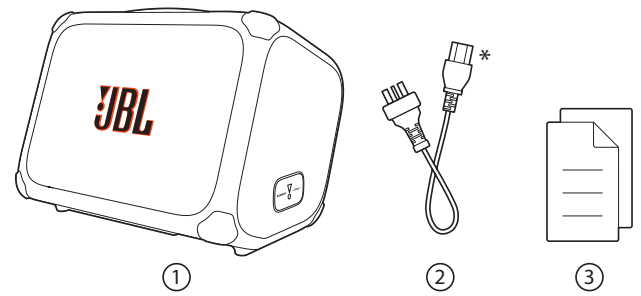
13. TRADEMARK 24

1. INTRODUCTION

Congratulations on your purchase! This manual includes information about the JBL BandBox Trio portable AI-powered practice amp and speaker. We encourage you to take a few minutes to read this manual, which describes the product and includes step-by-step instructions to help you to set up and get started. Read and understand all the safety instructions before using your product.

If you have any questions about this product, its installation or operation, please contact your retailer or customer service, or visit us at www.jbl.com.

2. WHAT'S IN THE BOX

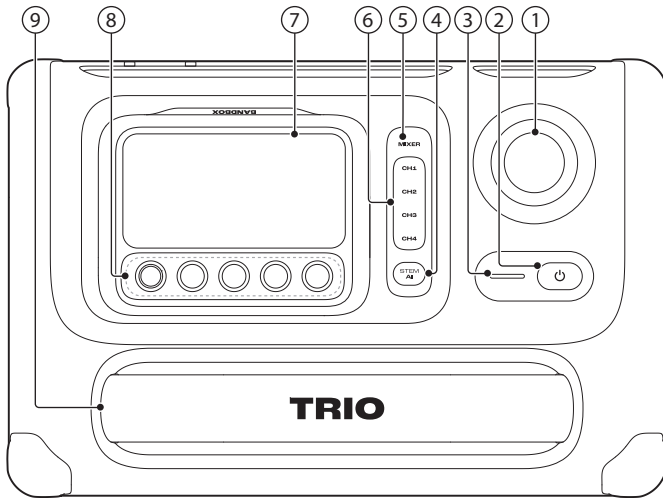


- 1) Main unit
- 2) Power cord
- 3) Quick Start Guide, Safety Sheet, Warranty Card

* Power cord quantity and plug type vary by regions.

3. PRODUCT OVERVIEW

3.1 Top panel



1) Main control knob

- Rotate to adjust main volume.
- Rotate to navigate; press to confirm.
- Double press to bypass a guitar effect module (see [7.2 Guitar presets](#)).
- Hold to access built-in tools (see [7.6 Built-in tools](#)).

2)

- Turn the power on or off.

3) Battery level indicator

4) STEM AI

- Press to access the Stem AI control screen (see [7.5 Stem separation](#)).

5) MIXER button

- Switch to the mixer control screen (see [7.1 Mixer](#)).

6) Channel buttons (CH1, CH2, CH3 and CH4)

- Switch to the respective channel control screens.

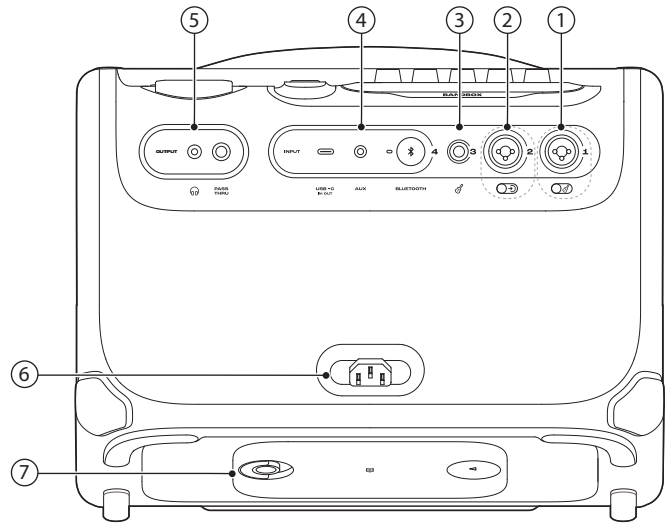
7) Display panel

8) Functional knobs (knob 1 to 5 from left to right)

- **Knob 1 to 5:**
 - Rotate to adjust volume or a value, or choose an option.
- **Knob 1:**
 - Press to play/pause, enable/disable a function, or choose an option.
 - Press to switch between your favorite guitar presets saved in JBL One app (see [8.1 JBL One app](#)).

9) Carrying handle

3.2 Back and bottom panels



1) CH1 input port (1/4" or 6.35 mm XLR/TRS) with slider switch (Hi-Z guitar input)

- Connect to a microphone or guitar (see [6.2.1 Guitar](#) and [6.2.2 Microphone](#)).

2) CH2 input port (1/4" or 6.35 mm XLR/TRS) with slider switch

- Connect to a microphone or line level instrument (see [6.2.2 Microphone](#) and [6.2.3 Line level instrument - 6.35 mm line in](#)).

3) CH3 Hi-Z input port (1/4" or 6.35 mm)

- Connect to a guitar (see [6.2.1 Guitar](#)).

4) CH4 inputs (3-in-1 channel with priority order: Bluetooth -> AUX -> USB-C)



- Press to enter Bluetooth pairing mode.

Bluetooth LED


- Shows the Bluetooth connection status:
 - Breathing blue: pairing
 - Solid blue: connected

AUX (1/8" or 3.5 mm TRS input)

- Connect to a line level audio source or instrument (see [6.1.3 AUX IN](#) and [6.2.3 Line level instrument - 3.5 mm AUX IN](#)).

USB-C IN/OUT (cable not included)

- Audio in: Play music from your mobile phone, tablet, or computer (see [6.1 Music source connection - 6.1.2 USB connection](#)).
- Audio out: Record audio to your UAC (Universal Audio Class)-compatible device (see [7.8 Recording via USB-C](#)).
- Charge in: Charge your BandBox Trio with a 60 W PD charging cable (see [7.9 Charging BandBox Trio via USB-C](#)).
- Charge out: Charge your mobile devices (see [7.10 Charging your mobile device](#)).
- Software update (available in the JBL One app) (see [8.3 Software update](#)).

- 5) **OUTPUT ports**
 -  (1/8" or 3.5 mm TRS output)
 - Connect headphones (see [7.7.2 Silent practice](#)).
 - **PASSTHRU (1/4" or 6.35 mm TS output)**
 - Connect to a mixer or PA system (or JBL PartyBox speaker) for louder sound (see [7.7.1 Connecting to a louder speaker](#)).
- 6) **AC power port**
 - Connect to AC power supply.
- 7) **Battery compartment (see [7.11 Replacing battery \(JBL BATTERY 400\)](#))**

4. PLACEMENT

Caution:

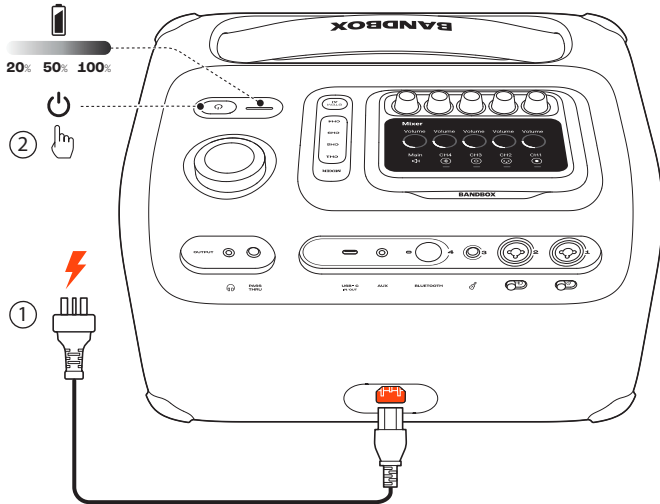
- Do not sit on BandBox Trio to avoid possible damages.

Place BandBox Trio on a flat, stable surface and ensure that the rubber feet side is down.

5. POWER ON

Cautions:

- Use the provided power cord only.
- You can use either AC power or the built-in battery as power supply of BandBox Trio.



1. Connect AC power.
 - To use the built-in battery, disconnect AC power after full charge.
2. Press to power on.
 - “BANDBOX TRIO” appears after 2 to 3 seconds, followed by the mixer screen.

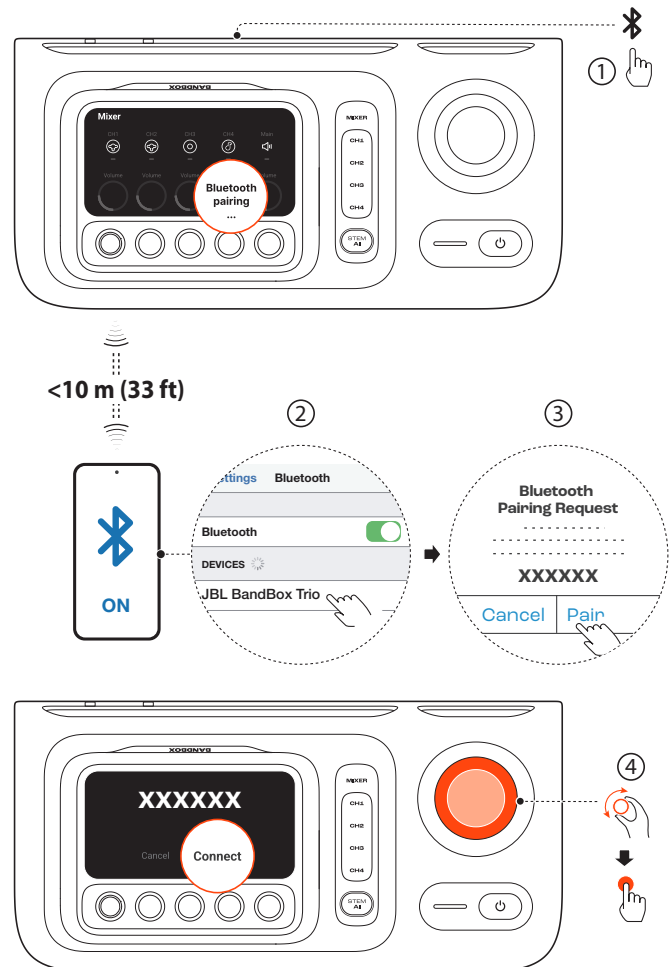
Tips:

- Fully charge your BandBox Trio before first-time use to prolong the lifespan of the built-in battery.
- You can also charge your BandBox Trio using a 60 W PD USB-C charger and cable (not included) (see [7.9 Charging BandBox Trio via USB-C](#)).
- When BandBox Trio is on, you can check the battery level by pressing any button or rotating any knob on the product.
- BandBox Trio switches to standby mode automatically after 20 minutes of inactivity (without any cable connection). You can press to switch to normal operation.

6. CONNECTIONS AND CONTROLS

6.1 Music source connection

6.1.1 Bluetooth connection



1. Press on BandBox Trio to enter Bluetooth pairing mode.
 - For first time use, BandBox Trio enters Bluetooth pairing mode directly.
2. Choose **JBL BandBox Trio** on your Bluetooth device, such as a mobile phone or tablet.
 - A pairing request box with a pairing code appears.
3. Tap “**Pair**” in the pairing request box.
 - The same pairing code appears on the display panel of BandBox Trio.
4. Rotate the main control knob to choose “**Connect**”, then press the knob to confirm and connect.
5. Once successfully connected, you can stream audio from your Bluetooth device to BandBox Trio.
6. Adjust volume on the mixer screen, or press **CH4** to access the play screen for more controls (see [7.4.2 Playing Bluetooth or USB music only \(without 3.5 mm AUX connection\)](#)).

Notes:

- BandBox Trio supports multi-point connection. You can pair a second Bluetooth device without disconnecting the first one.
- Enter "0000" if a PIN code is requested for connection to a Bluetooth device.
- Bluetooth performance can be affected by the distance between BandBox Trio and your Bluetooth device and the environment of operation.

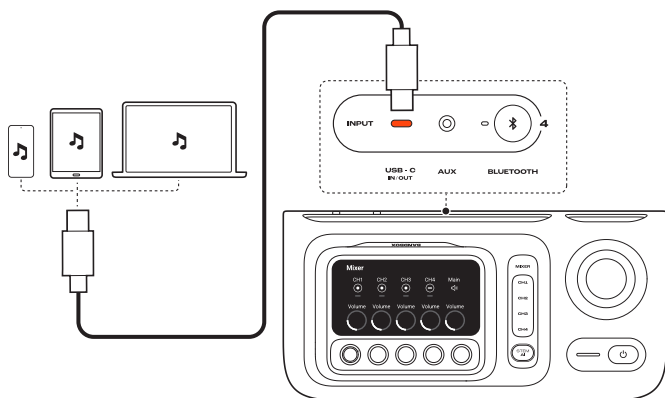
To terminate the Bluetooth-enabled device:

- Turn off BandBox Trio, or
- Disable Bluetooth on your device.

To reconnect the Bluetooth enabled device:

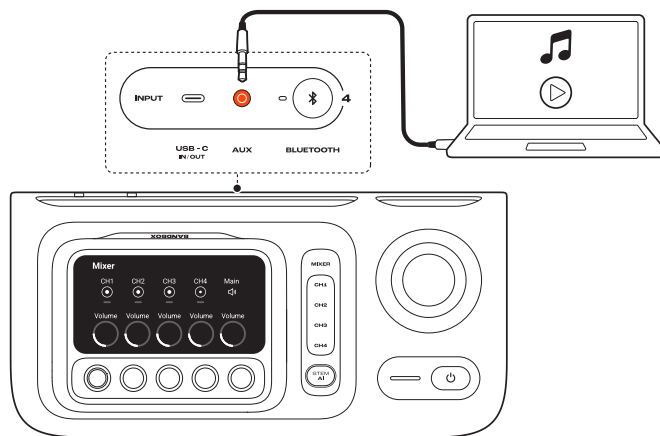
- When you turn on BandBox Trio next time, it tries to reconnect the last connected device automatically.
- If not, manually select **JBL BandBox Trio** on your Bluetooth device to connect.

6.1.2 USB connection



1. Use a USB-C cable that supports data transfer (not included) to connect your mobile phone, tablet, or computer to BandBox Trio.
2. Stream audio to BandBox Trio.
3. Adjust volume on the mixer screen, or press **CH4** to access the play screen for more controls (see [7.4.2 Playing Bluetooth or USB music only \(without 3.5 mm AUX connection\)](#)).

6.1.3 AUX IN

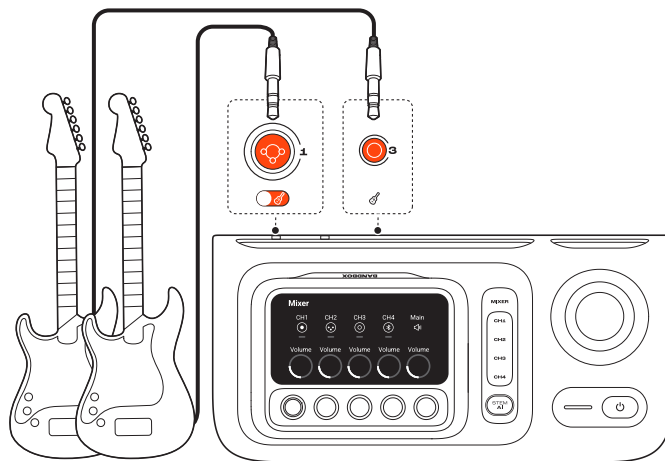



1. Use a 3.5 mm audio cable (not included) to connect an external audio device to BandBox Trio.
2. Stream audio to BandBox Trio.
3. Adjust volume on the mixer screen, or press **CH4** to access the play screen for more controls (see [7.4.3 Playing 3.5 mm AUX music](#)).

6.2 Instrument and microphone connection

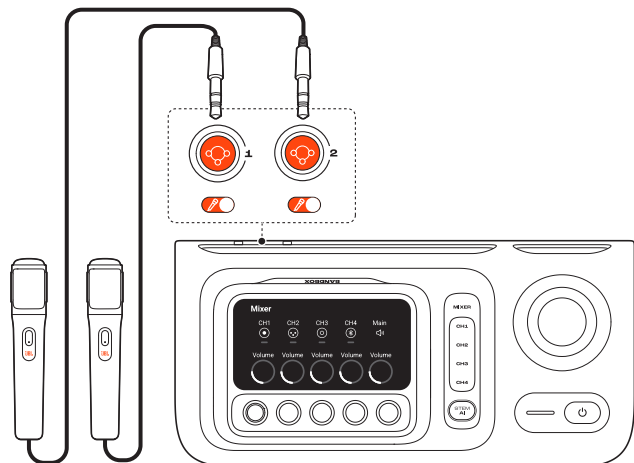
Connect your instruments and microphones to the respective channels on your BandBox Trio as necessary.


6.2.1 Guitar



1. Connect your guitar(s) to the 6.35 mm **CH1** and/or **CH3** input port.
 - For **CH1**, switch the slider to .
2. Adjust volume on the mixer screen, or press the corresponding channel button (**CH1** or **CH3**) to access the play screen for more controls (see [7.2 Guitar presets](#)).

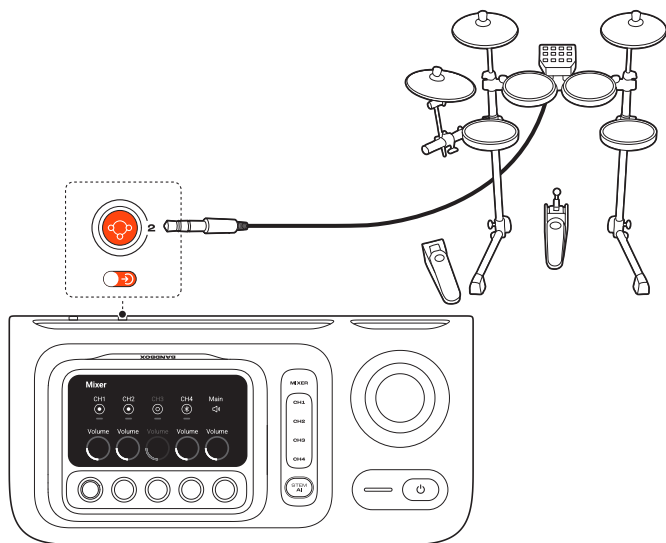
6.2.2 Microphone




1. Connect your microphone to the 6.35 mm **CH1** or **CH2** input port.
2. Switch the corresponding slider to .
3. Adjust volume on the mixer screen, or press the corresponding channel button (**CH1** or **CH2**) to access the microphone adjustment screen for more controls (see [7.3 Microphone/6.35 mm line instrument](#)).

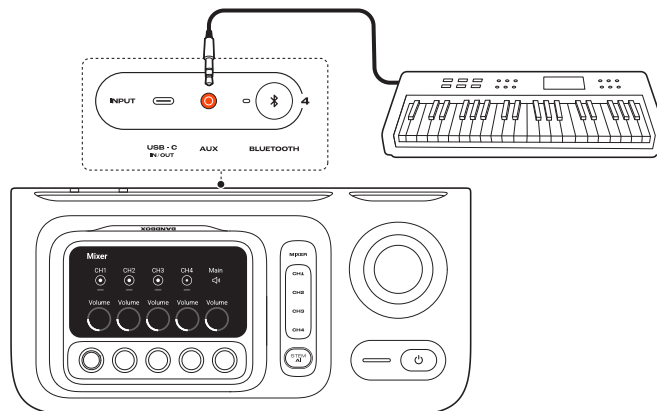
6.2.3 Line level instrument

6.35 mm line in



1. Connect your stage instrument (such as a digital drum) to the 6.35 mm **CH2** input port.
2. Switch the slider to .
3. Adjust volume on the mixer screen, or press **CH2** to access the play screen for more controls (see [7.3 Microphone/6.35 mm line instrument](#)).

3.5 mm AUX IN

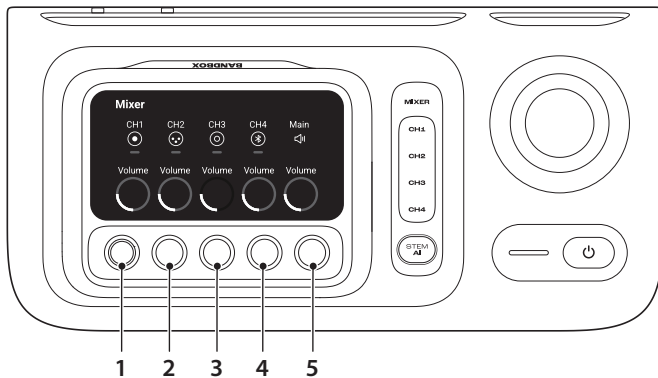


1. Connect your compact instrument (such as a musical keyboard) to the 3.5 mm **AUX** input port.
2. Adjust volume on the mixer screen, or press **CH4** to access the play screen for more controls (see [7.4.1 Playing music and 3.5 mm AUX instrument simultaneously](#)).

7. USING YOUR BandBox Trio

7.1 Mixer

The mixer screen shows the status of all channels and the main volume level.



Major controls	Basic operation
Main control knob	Rotate to adjust main volume.
Functional knob 1 to 4	Rotate to adjust volume of the respective channels (when connected).
Functional knob 5	<ul style="list-style-type: none"> – Rotate to adjust main volume when the 3.5 mm AUX input is not set to “Inst” (instrument) (see 7.4.3 Playing 3.5 mm AUX music). – Rotate to adjust volume of the Bluetooth or USB audio being played when the 3.5 mm AUX input is set to “Inst” (instrument) (see 7.4.1 Playing music and 3.5 mm AUX instrument simultaneously).

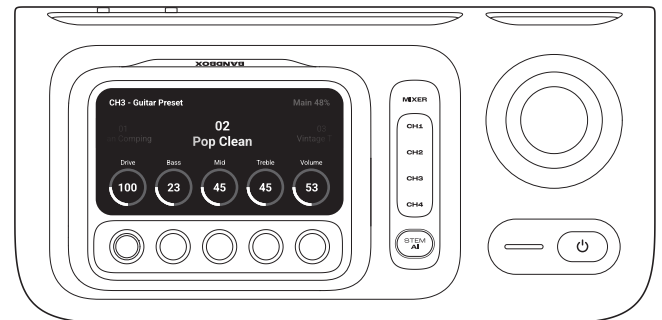
- Press **MIXER** to access the mixer screen.
 - You can monitor the status of all available channels.
 - Solid green (—): Normal operation.
 - Flashing amber (—): Clipping signal. First check the slider switch to ensure the correct source is selected. If the status remains, lower gain of the connected source until the light turns solid green.

7.2 Guitar presets

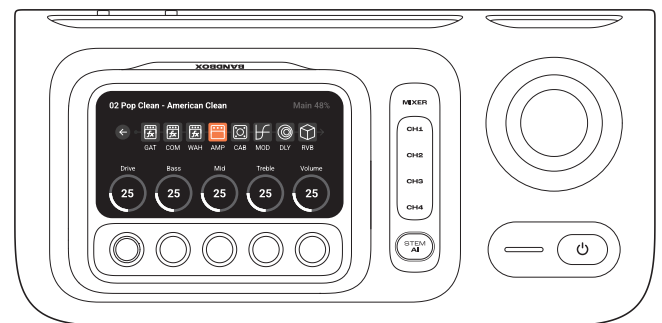
BandBox Trio offers a wide range of built-in guitar preset effects, an editable effect chain, and numerous guitar pedal effects and amp models that can be configured and recalled instantly.

Major controls	Basic operation
Main control knob	Rotate to navigate. Press to confirm.
Functional knob 1 to 5	Rotate to adjust the related parameters.

1. Based on your guitar input channel, press **CH1** or **CH3** to access the guitar play screen.

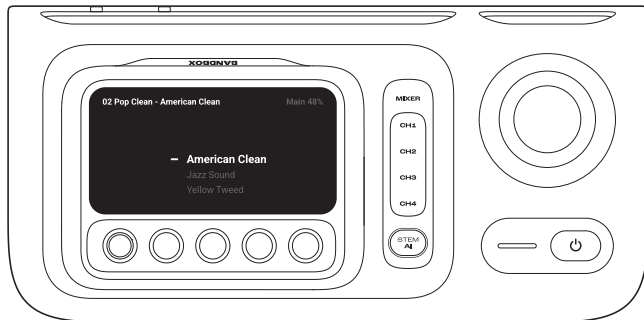



2. Navigate to a guitar preset effect, and press the main control knob to access the effect chain edit screen.



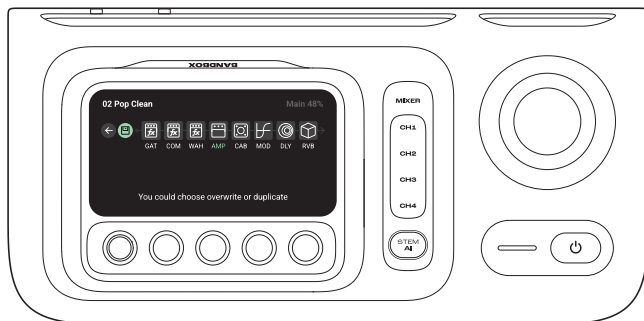
- The effect chain consists of eight guitar effect modules. You can double press the main control knob to bypass/enable a guitar effect module.
- You can adjust parameters of the selected guitar preset effect.
- To return to the guitar play screen, navigate to ← and confirm.

3. Navigate to a guitar effect module, and press the main control knob to access the list of available guitar pedal effects or amp models.

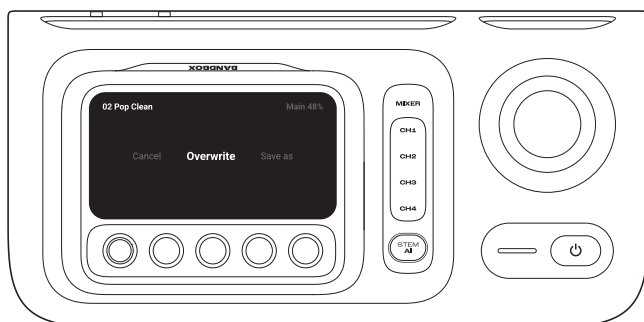


- After selecting a guitar pedal effect or amp model, you can press the main control knob to return to the effect chain edit screen.
- Selecting “**Bypass**” at the bottom of the list will bypass the guitar effect module. This is equivalent to the double press operation on the effect chain edit screen.
- Your changes will be highlighted, and the  icon will only appear when you have made changes.

4. Navigate to  and confirm.



5. Select “**Overwrite**” to save your changes, or “**Save as**” to create a new version.
- Alternatively, select “**Cancel**” to discard your changes.



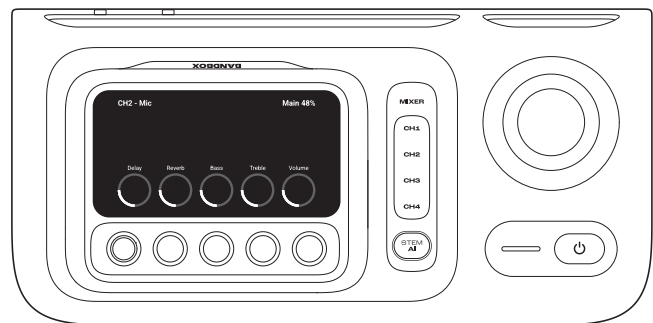
Tip:

- See [12. APPENDIX: EFFECT LIST](#) for the list of all available guitar preset effects, guitar effect modules, guitar pedal effects, and amp models.

7.3 Microphone/6.35 mm line instrument

Major controls	Basic operation
Main control knob	Rotate to adjust main volume.
Functional knob 1 to 5	Rotate to adjust volume or sound effects of the input source.

- Based on your microphone or line in channel, press **CH1** or **CH2** to access the microphone or line in adjustment screen.
→ Adjust volume or sound effects of the microphone or 6.35 mm line instrument.



7.4 Music source / 3.5 mm AUX instrument

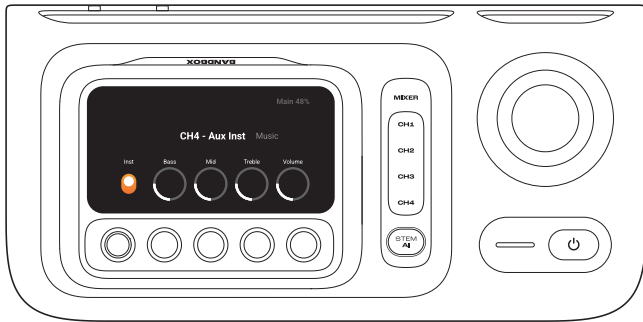
Notes:

- Only one music source can be played at a time. The priority order is Bluetooth -> AUX -> USB-C.
- Starting a music source with higher priority will always interrupt a music source with lower priority.
- To start a music source with lower priority, stop the music source with higher priority first.

Major controls	Basic operation
Main control knob	<ul style="list-style-type: none"> – When both the music source (Bluetooth or USB) and 3.5 mm AUX instrument input are active, rotate to switch between the music and instrument play controls. – In other cases, rotate to adjust main volume.
Functional knob 1	<ul style="list-style-type: none"> – Control music playback on Bluetooth or USB playback screen: rotate or press to play/pause, double press to skip to the next track, or triple press to skip to the previous track. – On the 3.5 mm AUX play control screen, rotate or press to enable or disable “Inst” (instrument). It is enabled by default.
Functional knob 2 to 4	Rotate to adjust sound effects of the input source.
Functional knob 5	Rotate to adjust volume of the input source.

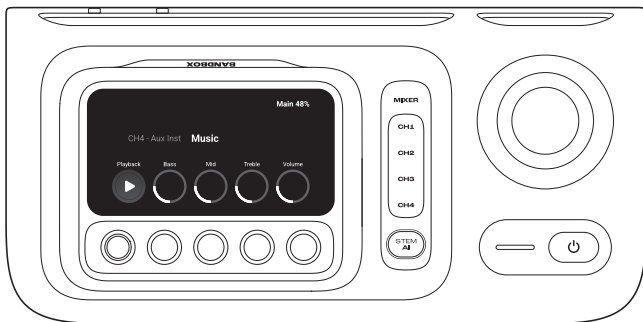
7.4.1 Playing music and 3.5 mm AUX instrument simultaneously

1. Press **CH4** to access the AUX control screen.



- The AUX input is set to “Inst” (instrument) by default.
- You can adjust volume or sound effects of the AUX instrument.

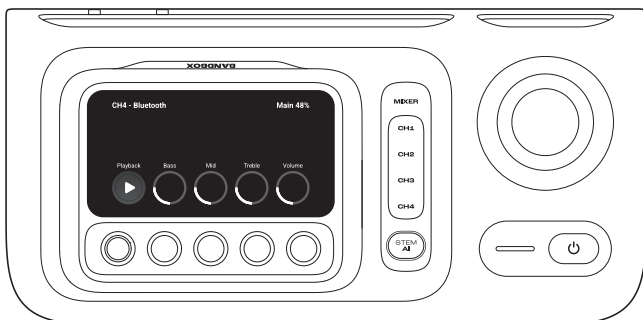
2. Rotate the main control knob to switch to the music control screen.



- You can control music playback, or adjust volume or sound effects of the music source.

7.4.2 Playing Bluetooth or USB music only (without 3.5 mm AUX connection)

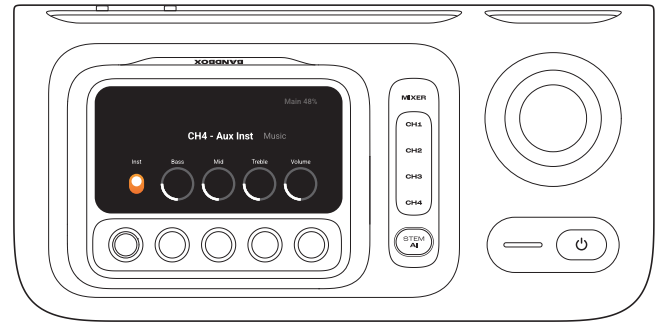
- Press **CH4** to access the music control screen (take Bluetooth playback for example).



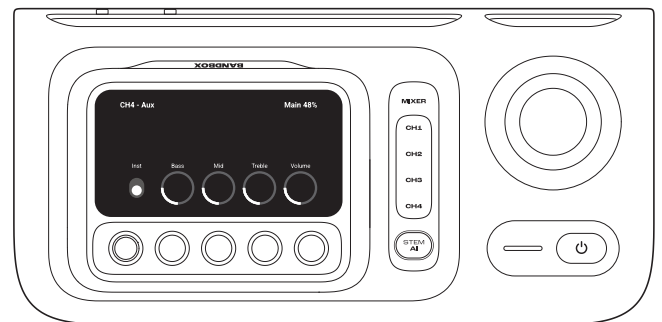
- You can control music playback, or adjust volume or sound effects of the music source.

7.4.3 Playing 3.5 mm AUX music

1. Press **CH4** to access AUX control screen.



2. Rotate or press functional knob 1 to disable “Inst” (instrument) and switch to the AUX music screen.



- You can adjust volume or sound effects of the music source.
- You can only control music playback from your 3.5 mm AUX device.

7.5 Stem separation

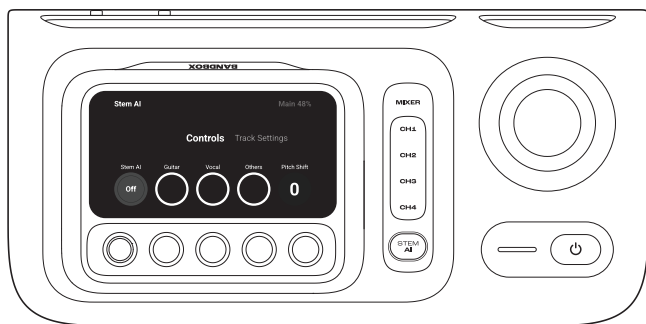
BandBox Trio supports real-time separation of streamed audio into individual stems. With this feature, you can separate and mute stems you want to play over.

Major controls	Basic operation
Main control knob	Rotate to switch between the “Controls” and “Track Settings” pages.
Functional knob 1	On the “Controls” page, press to enable/disable stem separation (see 7.5.2 Practice with multi-stem separation). On the “Track Settings” page, press to enable/disable Karaoke (see 7.5.3 Karaoke).
Functional knob 2 to 4	On the “Controls” page, rotate to adjust stem volume. On the “Track Settings” page (with Karaoke disabled), press to set tracks (stems).
Functional knob 5	On the “Controls” page, rotate to adjust pitch shift.

Mode	Scenario
Multi-stem separation	Practice with multiple stems (latency: 2 seconds).
Karaoke	Sing in synchronization with lyrics (latency: 500 milliseconds).

7.5.2 Practice with multi-stem separation

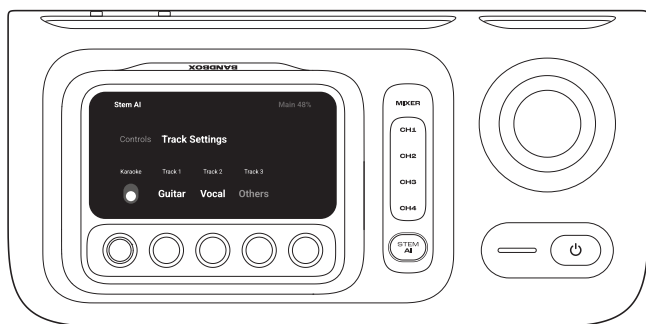
1. Stream audio from the music source connected via Bluetooth, USB-C, or 3.5 mm AUX input.
2. Press **STEM AI** to access the Stem AI screen.



3. Rotate or press functional knob 1 to enable Stem AI.
4. Rotate functional knobs 2 to 4 to adjust the stem volume and pitch shift to best suit your practice.

To change the default stem (track) settings:

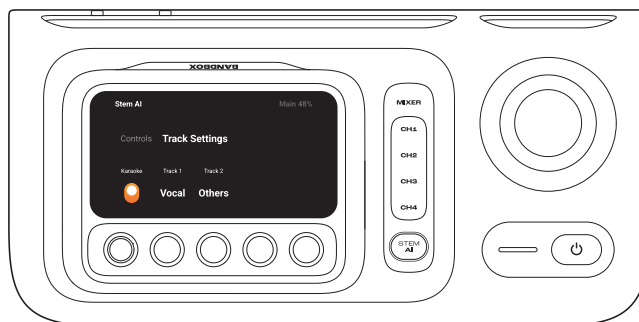
1. Rotate the main control knob to switch to the “**Track Settings**” page.



2. Rotate functional knob 2 to 3 to change the track settings.
3. Switch back to the “**Controls**” page to adjust stem volume.
→ Now your band can practice with the separated stems.

7.5.3 Karaoke

1. Rotate the main control knob to switch to the “**Track Settings**” page.
2. Rotate or press functional knob 1 to enable Karaoke.



→ The streamed music will be separated into the vocal stem and other tracks.

3. Switch back to the “**Controls**” page to adjust the vocal volume and the volume of other tracks.
→ Now you can sing along with the accompanying music.

7.6 Built-in tools

- Hold the main control knob for two seconds to access built-in tools.

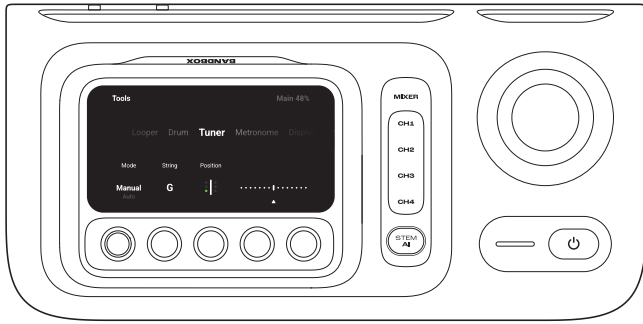
Major controls	Basic operation
Main control knob	Rotate to navigate. Press to confirm.
Functional knob 1	Rotate or press to enable/disable, select, or adjust.
Functional knob 2	Rotate to adjust the related parameters. to 5

7.6.1 Tuner

You can tune your electric guitar, acoustic guitar, or bass guitar through the built-in tuner of BandBox Trio directly.

1. Connect your guitar to the 6.35 mm **CH1** or **CH3** input port.
2. Navigate to “**Tuner**”.
3. Rotate functional knob 1 to select your preferred tuning mode: “**Manual**”, “**Auto**”, or “**Chromatic**”.
 - In “**Manual**” mode, rotate functional knob 2 to select the string you want to tune.

4. Calibrate the string until the vertical bar in the center appears in solid green.

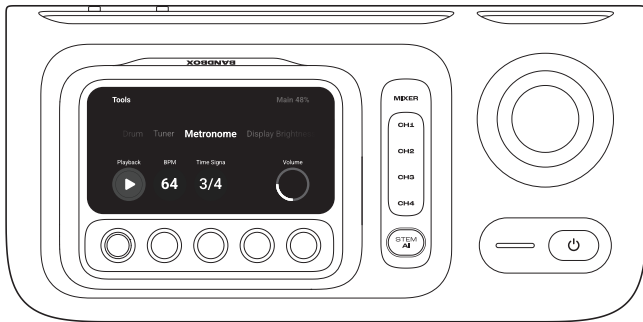


5. Repeat the steps to tune the other strings.

7.6.2 Metronome

BandBox Trio includes a built-in metronome to help you maintain an established tempo while practicing, or playing in synchronization with the input music source.

1. Navigate to “Metronome”.

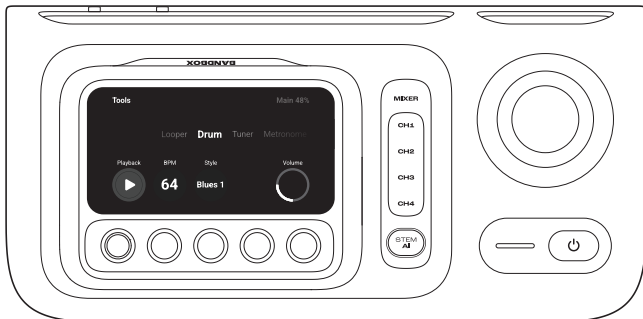


2. Rotate functional knobs 2 and 3 to set your preferred tempo (ranging between 30 and 240 Bpm) and time signature respectively.
3. Rotate functional knob 5 to adjust the metronome volume.
4. Press functional knob 1 or the main control knob to play or pause the metronome.

7.6.3 Drum

BandBox Trio features a built-in drum machine that offers a wide variety of drum patterns to enhance your practice experience.

1. Navigate to “Drum”.



2. Rotate functional knob 2 to set your preferred tempo (ranging between 30 and 240 Bpm).
3. Rotate functional knob 3 to select the drum style.
4. Rotate functional knob 5 to adjust the drum volume.
5. Press functional knob 1 or the main control knob to play or pause the drum.

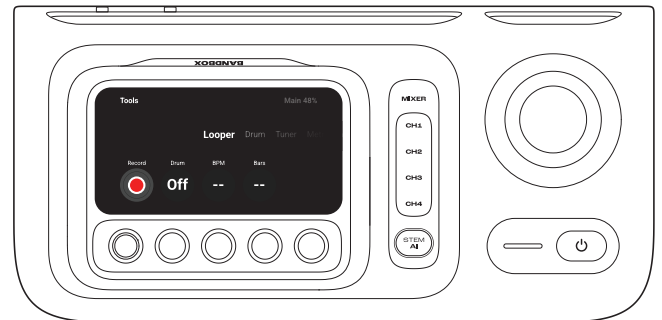
7.6.4 Looper

The built-in 60-second digital looper of BandBox Trio allows you to record and overdub guitar phrases in real time. You can choose to loop with or without a drum track or metronome (freehand mode).

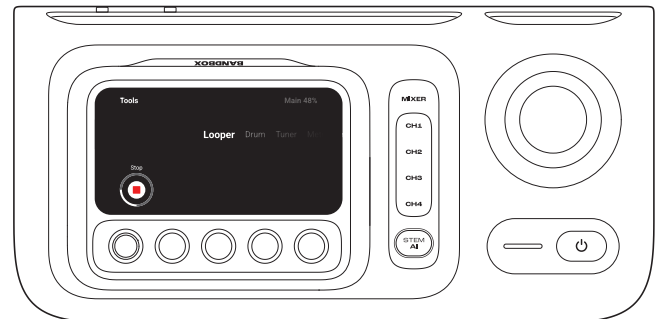
- During the looping process (except countdown), you can navigate to the related icons and press the main control knob or functional knob 1 to perform the related actions.
 - ←: Return to the upper level.
 - “|| Pause” or “▶ Play”: Pause or resume loop playback.
 - “↶ Undo”: Discard the latest overdub layer.
 - “🗑️ Clear”: Clear the recorded loop and reset the looper.
 - “Cancel”: Cancel the clear action.

Freehand mode

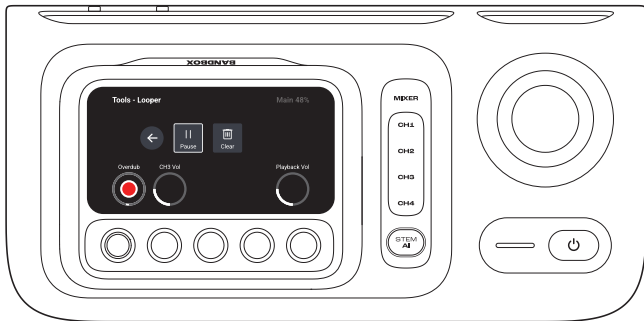
1. Navigate to “Looper”.
 - “Drum” is set to “Off” by default.



2. With your instrument(s) and/or microphone ready, press functional knob 1 to start recording the first layer of a loop.



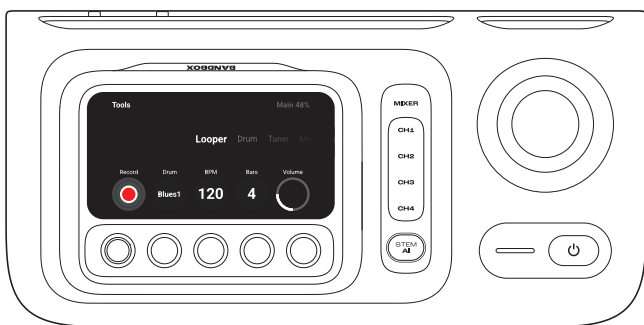
- Depending on the loop length you want to record (up to 60 seconds), press functional knob 1 again to stop recording and play the recorded loop repeatedly.
→ The overdub screen appears.



- Press functional knob 1 to record your overdub layer.
→ The overdub process starts after a countdown.
→ When the overdub ends, the recorded loop starts to play repeatedly, and the overdub screen with an undo button appears.
- If necessary, repeat step 4 to overdub more layers onto the loop.

Looping with a drum track or metronome

- Navigate to **“Looper”**.
- Rotate functional knob 2 to select the drum style or metronome for rhythmic looping.
→ The drum or metronome starts to play repeatedly.
- Rotate function knob 3 to select your preferred tempo (BPM, Beats Per Minute).
- Rotate functional knob 4 to set the number of bars you want for the loop length.



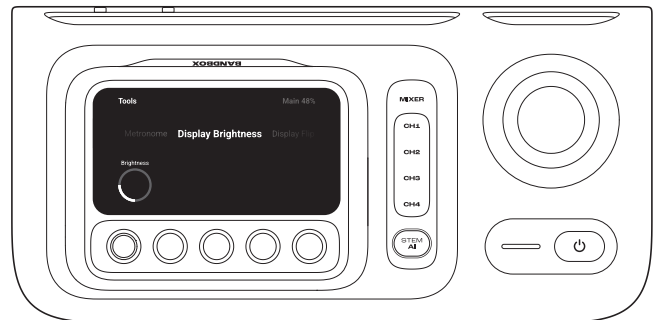
- With your instrument(s) and/or microphone ready, press functional knob 1 to start recording the first layer of a loop.
→ The recording process starts after a countdown. Press functional knob 1 to record your overdub layer.
→ The overdub process starts after a countdown.
→ When the overdub ends, the recorded loop starts to play repeatedly, and the overdub screen with an undo button appears.
- Rotate functional knob 5 to adjust playback volume.
- If necessary, repeat step 5 to overdub more layers onto the loop.

Tips:

- The drum track will be recorded to the first layer.
- The metronome will not be recorded.
- Any original music played through Bluetooth, AUX IN, or USB-C will not be recorded.

7.6.5 Display brightness

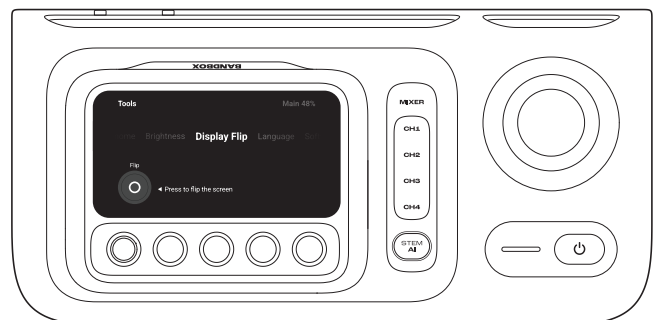
- Navigate to **“Display Brightness”**.



- Rotate functional knob 1 to adjust the display brightness level.

7.6.6 Display flip

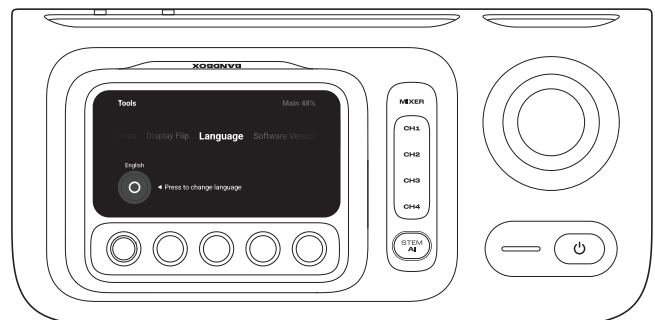
- Navigate to **“Display Flip”**.



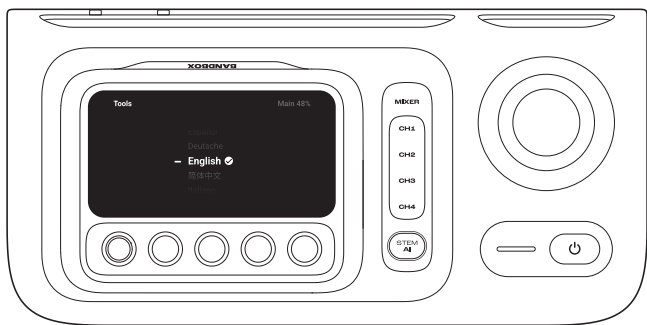
- Press functional knob 1 or the main control knob to flip the display orientation to suit your view. Press either knob again to return to the original view.

7.6.7 Language

- Navigate to **“Language”**.



- Press functional knob 1 or the main control knob to access the list of available languages.



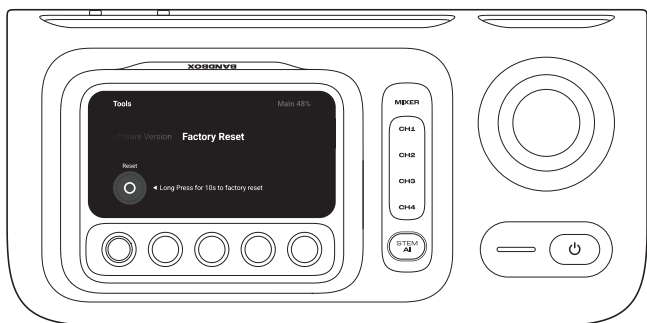
- Rotate functional knob 1 or the main control knob to select your language and press to confirm.

7.6.8 Software version

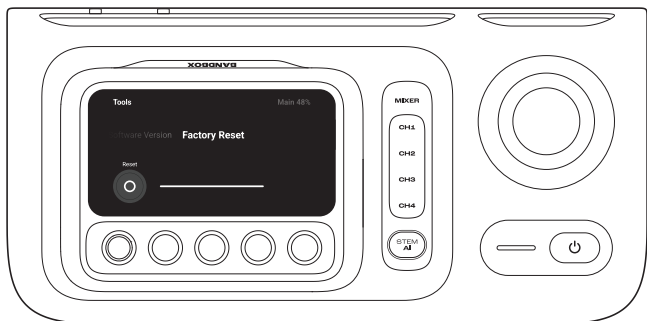
Navigate to “**Software Version**” to check the current software version of your BandBox.

7.6.9 Factory reset

- Navigate to “**Factory Reset**”.

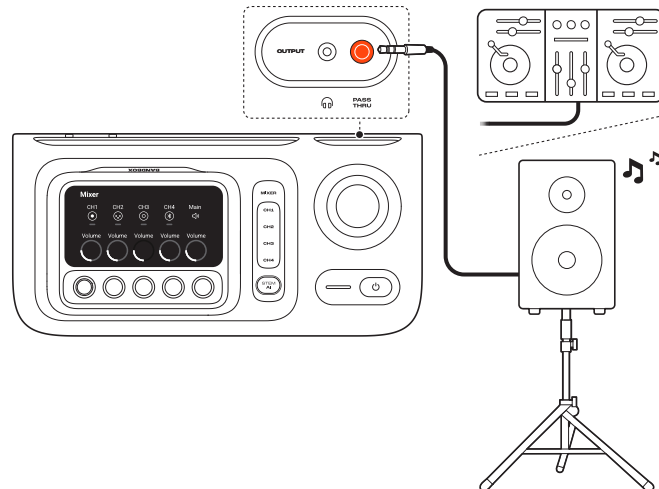


- Hold functional knob 1 or the main control knob for 10 seconds to restore the factory settings.
→ When you hold the knob, a progress bar will appear on the display. BandBox Trio will reboot when the progress bar reaches 100%.



7.7 Audio out

7.7.1 Connecting to a louder speaker



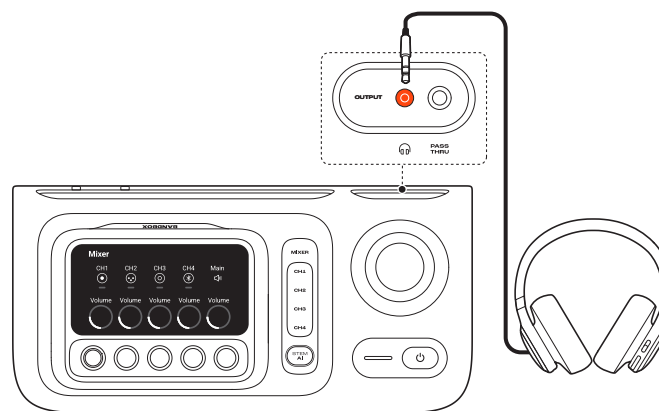
For louder sound, you can route audio from the passthrough port on your BandBox Trio to a mixer or PA system (cable not included).


- To connect to a pair of mono, unbalanced line-level inputs, use a 6.35 mm (1/4") TRS (stereo) to dual 6.35 mm (1/4") TS (mono) Y-splitter cable.
- To connect to a single stereo TRS input, use a standard 6.35 mm (1/4") TRS-to-TRS cable.
- To connect to balanced XLR inputs, insert a DI (Direct Input) box between BandBox Trio and the mixer/PA system.

Tip:

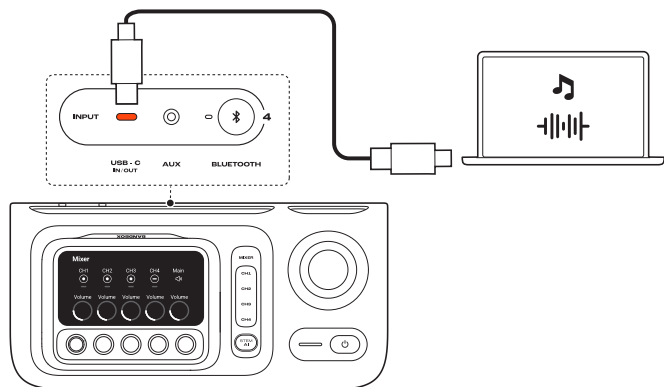
- You can also route audio to the guitar input port on a JBL PartyBox speaker.

7.7.2 Silent practice



You can connect headphones to the **OUTPUT** -  port on BandBox Trio for silent practice.

7.8 Recording via USB-C



1. Use a USB-C cable that supports data transfer (not included) to connect your UAC-compatible device to BandBox Trio.
→ BandBox Trio can work as an audio interface.
2. Once you have a DAW (Digital Audio Workstation) app installed on your device, you can record your sound directly from BandBox Trio to your DAW app.

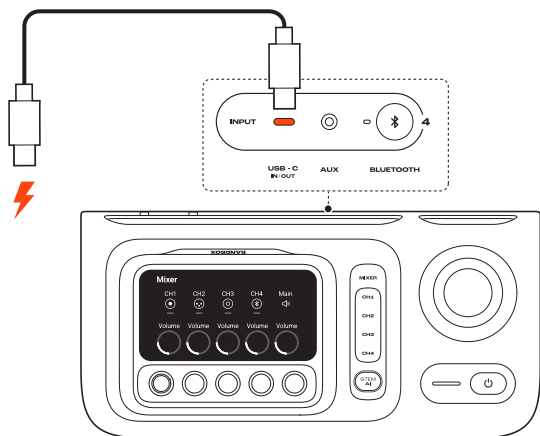
Tip:

- Any original music played through Bluetooth, AUX IN, or USB-C will not be recorded.

7.9 Charging BandBox Trio via USB-C

Caution:

- Do not connect the cable until the USB-C port is completely dry and clean.

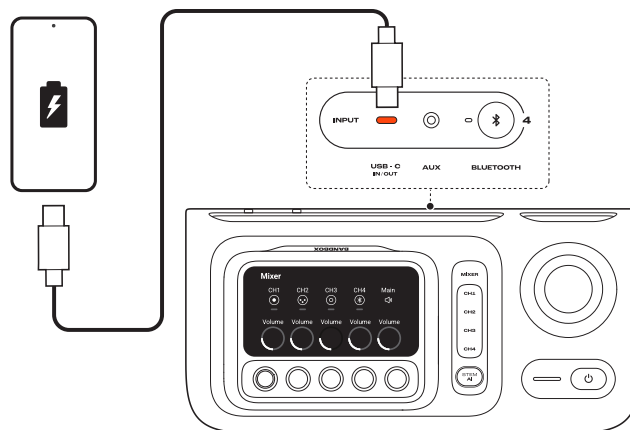


- Besides the included AC power cord, you can also charge your BandBox Trio with a 60 W PD USB-C charger and cable (not included).

7.10 Charging your mobile device

Caution:

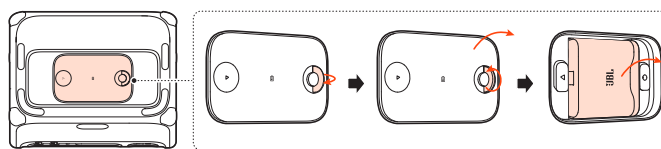
- Do not connect the cable until the USB-C port is completely dry and clean.



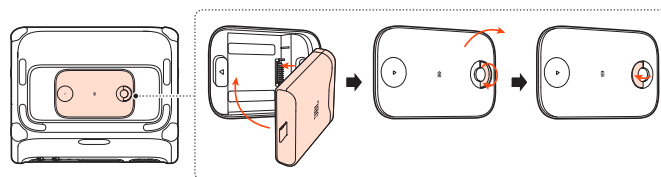
- Charge your mobile device with a USB-C charging cable (not included).

7.11 Replacing battery (JBL BATTERY 400)

1. Pull out the ring and unscrew counter-clockwise to open the battery compartment, and then remove the old battery.



2. Insert a new battery of the same type (JBL BATTERY 400) with the metal contacts facing down. Then hold the ring and screw clockwise to close the battery cover.



8. ADVANCED USAGE

8.1 JBL One app



Download and install the JBL One app to get more from the product.

8.2 Features available in app

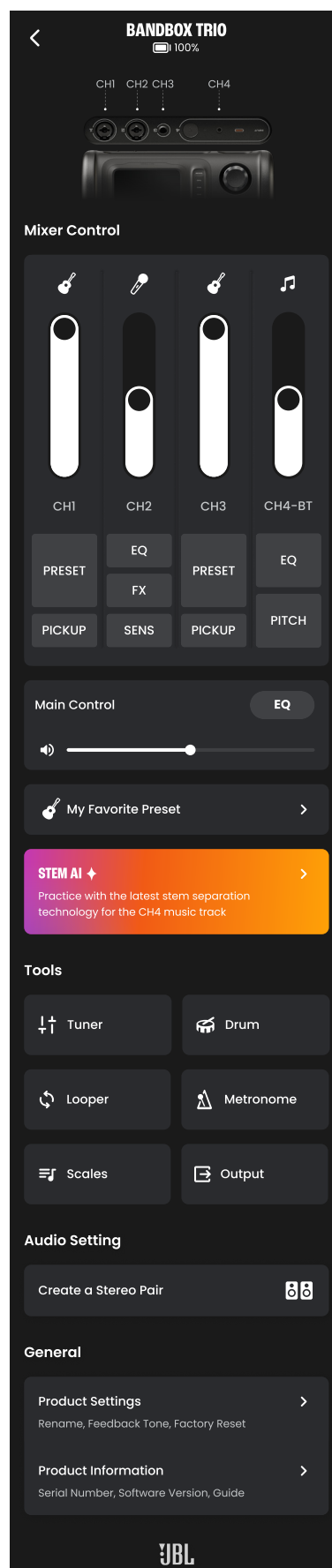
In addition to the features on BandBox Trio, the JBL One app provides more additional features, such as:

- Renaming your BandBox
- Customizing on-product presets
- More guitar presets
- Setting favorite guitar presets for quick access from device
- EQ settings
- More precise stem separation
- Tuner with various instrument types, tuning customization, and reference pitch settings
- More precise looper
- Exporting your remixes to your mobile device or flash drive
- Separate channel output
- Creating a stereo pair via Auracast
- Updating product software

Explore the app for more detailed information and operations.

Note:

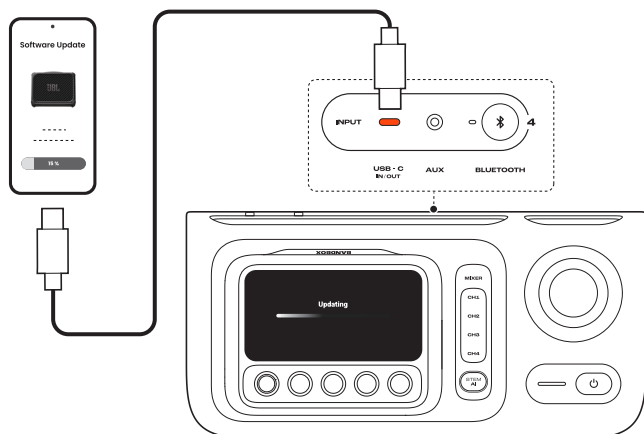
- App screens are subject to change without notice.



8.3 Software update

Notes:

- Ensure that your mobile phone to be used for software update has a USB-C port.
- Ensure to use a USB-C to USB-C cable that supports a data transfer rate of at least 480 Mbps. Note that Lightning cables are not compatible.



1. In the JBL One app, navigate to “**Product Information**” -> “**Product Software**” to check for any available new software.
 - You will see a if there is a new software version available.
2. Ensure that your BandBox Trio has at least 30% battery, or connect it to AC power.
3. Tap in the JBL One app, then tap “**UPDATE**”.
 - You will see a reminder asking you to connect your mobile phone to BandBox Trio.
4. Connect your mobile phone to BandBox Trio using a USB-C to USB-C cable (not included).
5. Tap “**CONTINUE**” in the JBL One app to start the updating process.
 - BandBox Trio will reboot during new software installation.

9. SPECIFICATIONS

- Transducers: 1 x 6.5 inch woofer + 2 x 25 mm silk dome tweeter
- Output power: 135 W RMS (IEC60268)
- Headphone output: Max 1 Vrms, supporting 16 ohm and 32 ohm impedance headphones
- Lineout output: Max 1 Vrms, 2 channels output to secondary speaker (Aux-in)
- Power input: AC 100 - 240 V ~ 50 / 60 Hz or 5 V / 12 V / 15 V / 20 V DC, 3 A MAX.
- Frequency response: 50 Hz - 20 kHz (-6 dB)
- Signal-to-noise ratio: > 80 dB
- Battery type: Li-ion 68 Wh (equivalent to 7.2 V / 9444 mAh)
- Music play time: Up to 10 hours (varies by volume level and audio content)
- USB charge out: 5 V / (max) 3 A (speaker off mode)
- Bluetooth® version: 5.4
- Bluetooth® profile: A2DP V1.4, AVRCP V1.6.3
- Bluetooth® transmitter frequency range: 2.4 GHz - 2.4835 GHz
- Bluetooth® transmitter power: < 13 dBm (EIRP)
- Bluetooth® transmitter modulation: GFSK, $\pi/4$ DQPSK, 8DPSK
- Input sensitivity:
 - Aux-In/Line-in: 370 mV rms
 - Mic-In: 20 mV rms
 - Guitar-In: 100 mV rms
- Bluetooth/USB input: -9 dBFS
- Product dimensions (W x H x D): 344 x 265 x 228 mm / 13.54" x 10.43" x 8.98"
- Net weight: 6.65 kg / 14.66 lbs

10. TROUBLESHOOTING

Caution:

- Never try to repair the product by yourself. If you have any problems while using this product, check the following points before you request service.

System

My BandBox Trio will not turn on.

- Ensure that the BandBox Trio battery is not drained. Fully charge the battery, or use AC power instead.
- If the issue remains, try hardware reset by holding **⏻** for 10 seconds.

“App is controlling. Press to take control back” appears when I try certain operations.

- You will see this symbol in the following cases:
 - App control is active, for example, when you are tuning your guitar in app.
 - You are in an Auracast party.
 - You have changed a stem setting in app.

Press functional knob 1 to resume device control.

“Your device is PartyTogether” appears when I try certain operations.

- You will see this reminder when you are in an Auracast party. Press functional knob 1 to quit Auracast.

My guitar/microphone/line instrument does not work properly.

- Check cable connection.
- Check the slider switch to ensure that the correct input has been selected.

Product software update fails.

- Check cable connection. Ensure that you are using a USB-C to USB C cable that supports a data transfer rate of at least 480 Mbps.
- Note that Lightning cables are not compatible. If you try, JBL One app will display a prompt with a web link. In this case, follow these steps:
 - 1) Option A: Email or message (e.g., via WhatsApp) the link to your computer, then download the file.
Option B: Download the file to your iPhone, then transfer it to your computer using AirDrop or a cloud drive, etc.
 - 2) Save the file with its original name (.hui) in the root directory of a USB storage device (connector type: USB-C drive or USB-A with an adaptor; format: FAT32).
 - 3) Hold both **CH4** and **STEM AI** on BandBox Trio for more than 10 seconds.
 - BandBox Trio will reboot during new software installation.
- During the software download, data transfer, and update processes, do not turn off your BandBox Trio, unplug the power cord, or exit the JBL One app.

Sound

No sound or distorted sound from BandBox Trio.

- Ensure that BandBox Trio is powered on.
- Check the main volume, input source volume, and stem volume controls.
- Check cable connection.
- Ensure that a sound source is active and not muted.
- Ensure that the headphones are not connected.
- Try a different guitar preset, adjust volume or restart your BandBox Trio. If the issue remains, perform factory reset (see [7.6.9 Factory reset](#)).

Why can't I hear the recorded audio playback via BandBox?

- If you're unable to hear recorded audio playback on BandBox, ensure that the Stem AI feature is deactivated. Activating Stem AI might mute the guitar or vocal from your recorded audio.

Bluetooth

A device cannot connect with BandBox Trio.

- Ensure that the Bluetooth function of the device is enabled.
- BandBox Trio supports multi-point connection. You can pair a second Bluetooth device without disconnecting the first one. Press **✳** on the back of BandBox Trio to enter pairing mode.

Poor audio quality from a connected Bluetooth device

- The Bluetooth reception is poor. Move the device closer to BandBox Trio, or remove any obstacle between the device and speaker.

11. COMPLIANCE

The product complies with Commission Regulation (EU) 2023/826 ecodesign requirements for off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment.

1. Information on power consumption

- Off mode: N/A
- Standby mode: ≤ 0.5 W
- Networked standby mode: ≤ 2.0 W
- Networked standby mode if all wired ports are connected and all wireless ports are activated: ≤ 2.0 W

2. The period after which the power management function switches the equipment automatically into:

Off/ Standby mode	When the system is in normal operation	Switched to Off/ Standby mode after 20 minutes of inactivity
Networked Standby mode	When wireless network connection is activated	Switched to networked Standby mode after 20 minutes of inactivity

3. Recommended external Adaptor information:

- Power adaptor with rating output:
5.0-20 V DC, 15 W – 60 W.
- Energy efficiency rating: level VI or complies with
corresponding regional or national laws and regulation.

The maximum operation temperature is 40 °C.

No naked flame sources, such as lighted candles, should be placed on the apparatus.

12. APPENDIX: EFFECT LIST

Note:

- Available guitar presets and effects are subject to change without notice.

12.1 Guitar presets

Preset name	Category
Clean Comping	Pop
Pop Clean	Pop
Vintage Trem	Pop
Smooth Jazz	Pop
Soulful Verb	Pop
R&B All Night	Pop
Disco Twang	Funk
Funky Mouth	Funk
Crossroads Drive	Blues
Queen's Crown	Blues
Country Clean	Blues
Texas Boogie	Blues
Feathered Blues	Rock
Lead Solo	Rock
Brit Crunch	Rock
80s Arena Chorus	Rock
High Gain Lead	Rock
Coastal Drive	Rock
Tear Drop Verb	Rock
Voodoo Hex	Rock
Industrial Metal	Metal
US Metal	Metal
Acoustic	Acoustic
Acoustic Chorus	Acoustic
Chorus Bass	Bass
Studio Bass	Bass
Bypass	Others

12.2 Effect chain

Guitar effect module	Guitar pedal effect / amp model
GAT (Gate)	Noise Gate Gate
COM (Compressor)	Compressor
WAH	Auto-Wah Touch-Wah Precision Drive
AMP (Amplifier)	American Clean Jazz Sound Yellow Tweed UK Crunch British Lead Vintage Drive American Gain Stack US Metal Bass Amp Acoustic Amp Studio Bass
CAB (Cabinet)	Champion 1x8 Voks 2x12 TR65 2x12 UK 2550 2x12 BM59 4x10 Tanger 4x12 UK 1960 4x12 6505 4x12 Mebo 4x12 M Bass 2x10 A Bass 8x10 JC120 2x12
MOD (Modulation)	MXR Phase 90 Green Phaser Notch Phaser Minivibe Tremolo Chorus Shiver Vibrato Jetter Flanger Grand Vibrato
DLY (Delay)	Pure Echo Analog Echo Echopress 900 Sweep Echo Sweet Echo
RVB (Reverb)	Reverb Dattorro

13. TRADEMARK



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