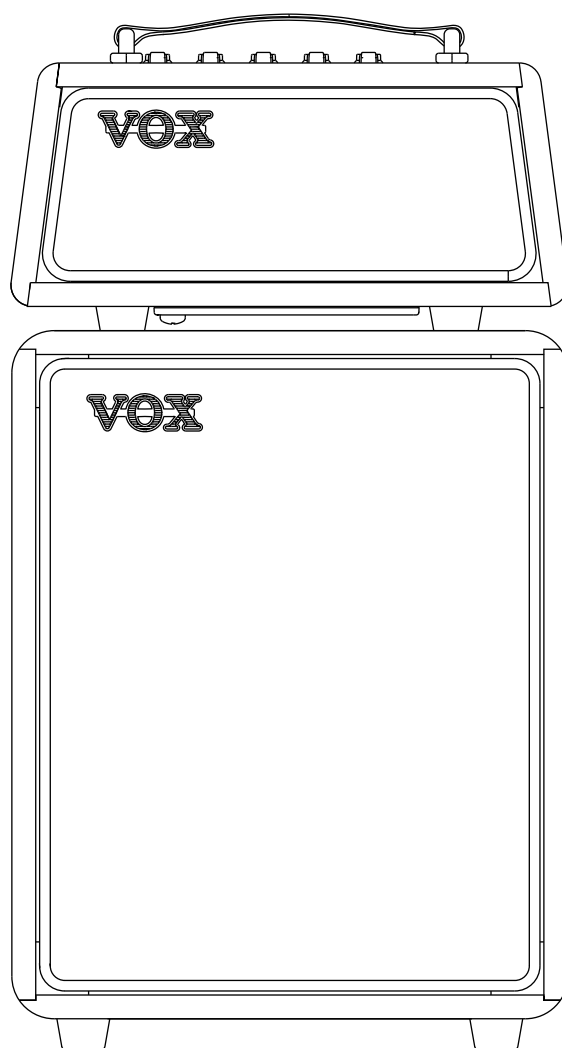


# VOX Micro Superbeetle Guitar

GUITAR AMPLIFIER

## Owner's Manual



# Table of contents

---

<b>Introduction .....</b>	<b>3</b>
<b>Setup.....</b>	<b>4</b>
Auto Power Off function .....	5
<b>Part Names and Functions.....</b>	<b>6</b>
Amplifier Head Section .....	6
Speaker Cabinet Section .....	7
<b>Connecting a Bluetooth Audio Device .....</b>	<b>8</b>
Connecting a new device (pairing) .....	8
Reconnecting to a paired device .....	9
Cutting the connection .....	9
Troubleshooting a Bluetooth connection.....	9
<b>Specifications .....</b>	<b>10</b>

# Introduction

---

Thank you for purchasing the **VOX Micro Superbeetle Guitar**.

To help you get the most out of your new instrument, please read this manual carefully.

## Conventions in this manual

- Specifications and appearance of this product are subject to change without notice.
- The shape and displays illustrated in this manual may differ in some ways from the actual product.
- Symbols used in this manual:



Indicates an explanation that you should heed to ensure that you can correctly utilize the performance or functionality of this unit.

*Note*

Indicates an explanation that requires your attention.

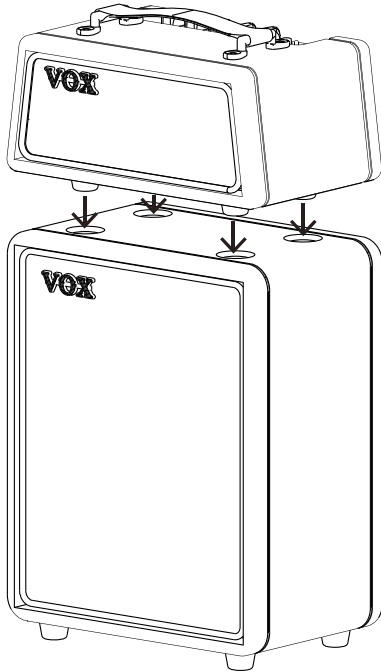
*Tip*

Indicates supplementary information that is useful to know.

## Setup

---

- 1 Set the Amplifier Head by aligning the feet with the recesses on the top of the speaker cabinet.



*Tip:* The Amplifier Head contains a speaker, this is used as an HF tweeter if used in combination with the speaker cabinet, and Full Range when the Amplifier Head is used on its own. The internal Li-Ion battery can be used to power the Amplifier Head for portable use. (Continue to step 3)

- 2 Plug the speaker cable that's connected to the speaker cabinet into SPEAKER OUTPUT jack.
  - ⚠ Please make sure the amp is turned off when you connect the speaker cabinet.
- 3 Turn the VOLUME knob on the Amplifier Head to the minimum level.
- 4 Connect the included AC adapter to the DC 12 V jack, and then plug the AC adapter into an AC outlet.
  - ⚠ Be sure you're using an AC power outlet of the correct voltage for your unit.
  - ⚠ Use only the supplied AC adapter. Using any other AC adapter may cause malfunctions.
  - ⚠ Please turn off the power before plugging or unplugging the AC adapter.

*Tip:* Once connected, the built-in rechargeable battery will begin charging.


- 5 Hold down the MODE/POWER button to turn on the amp.

### | Auto Power Off function

This unit is equipped with the Auto Power Off function that automatically turns off the power after 20 minutes of non-use.


The unit will recognize that it is "in use" in the following cases:


- Any knob or button is being operated
- Sound is being output
- Connected to another device via Bluetooth

 The built-in rechargeable battery will continue to charge even after the power is turned off.

*Note:* Disabling the Auto Power Off function may reduce the power saving effect.

#### Setting the Auto Power Off function to enable or disable

- 1** Press and hold down the  (Bluetooth) button and turn on the power.
- 2** The MODE/POWER LED blinks and indicates the current setting.  
Green : Auto Power Off enable  
Red : Auto Power Off disable
- 3** Press the MODE button to toggle between enabled and disabled
- 4** Wait a few seconds without using any of the buttons or controls. The unit will automatically switch to normal operation.

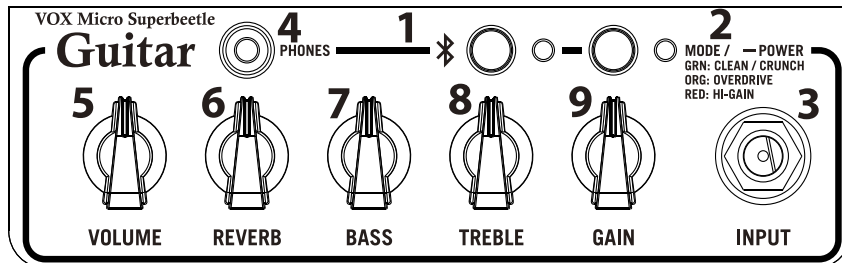
 The Auto Power Off function enable and disable setting will be saved even when the power is turned off.

## Part Names and Functions

---

### | Amplifier Head Section

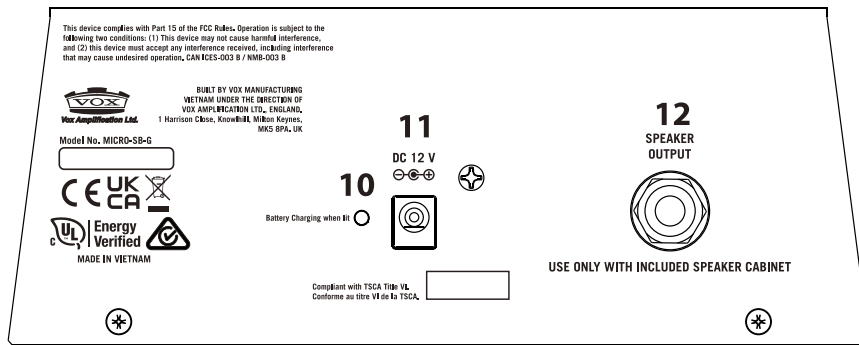
#### Top Panel



- 1 Bluetooth button, LED:** Use when connecting other devices via Bluetooth. ([“Connecting a Bluetooth Audio Device”](#))
- 2 MODE/POWER button, LED:** Hold down this button to turn on or off the amp. Pressing this button momentarily will switch between Amplifier modes.
  - Green:** Clean/Crunch
  - Orange:** Overdrive
  - Red:** Hi-Gain

⚠ If the amplifier is powered by the internal Li-ion battery, the Power LED will dim when the battery is low, in which case you should plug in the AC adapter.
- 3 INPUT jack:** Plug in your guitar here.
- 4 PHONES jack:** Connect Headphones to this jack.
  - ⚠ When a plug is connected to this jack, no sound will be output from the SPEAKER OUTPUT or internal speaker.
- 5 VOLUME knob:** Adjusts the volume of the guitar amp
  - ⚠ The VOLUME knob does not affect audio input from the Bluetooth. Adjust the audio volume on the playback device.
- 6 REVERB knob:** Adjusts the amount of Reverb Effect added to the guitar sound.
- 7 BASS knob:** Adjusts the low-frequency range of the guitar input.
- 8 TREBLE knob:** Adjusts the high-frequency range of the guitar input.
- 9 GAIN knob:** Adjusts the gain of the guitar amp.

## Rear Panel



**10 CHARGING LED:** When charging the internal Li-Ion Battery, the LED is lit. When charging is complete, the LED is OFF.

*Tip:* The time required for full charging is about 3 hours (varies depending on usage conditions).

*Note:* Charging will not occur while sound is being output from the speaker.

*Note:* Charging may not be performed properly in environments with extremely high (or low) ambient temperatures.

*Note:* Charging outside the recommended temperature range may take longer to charge or may cause the battery to deteriorate more quickly.

**11 DC 12 V jack:** Connect the included AC adapter here.

**12 SPEAKER OUTPUT jack:** Connect the included speaker cabinet to this jack using the included speaker cable.

- ⚠ When using the speaker cabinet, connect the AC adaptor. When operating on the built-in rechargeable battery, no signal is output to the SPEAKER OUTPUT jack.
- ⚠ Do not connect any speakers other than the included speaker cabinet.
- ⚠ This is BTL (Bridge-Tied-Load) output. This means both tip and sleeve is the signal line, and sleeve is not grounded. Only use this jack for connecting speakers to the amp. Connecting anything else may result in damage to the amp.

⚠ For the following terminals, Use a cable that's no more than 3 m long to prevent malfunctions. INPUT jack, PHONES jack, SPEAKER OUTPUT jack

## Speaker Cabinet Section

The speaker cabinet of the VOX Micro Superbeetle Guitar has one VOX custom-made 4-inch woofer.

## Connecting a Bluetooth Audio Device

If a computer, tablet, smartphone, audio player, etc., compatible with Bluetooth audio is connected via Bluetooth, this amp can be used as wireless speakers.

*Tip:* Multiple devices cannot be connected at the same time.

### Connecting a new device (pairing)



When a new device is connected, “pairing” (mutually registering connection information) must be performed.

*Tip:* The information for up to eight paired devices can be stored. When a ninth device is paired, the information for an existing device is deleted so that the new information can be stored.

⚠ Even if pairing failed, the information for that device may be stored on the amp. If the information for eight devices has already been stored, the information for an existing device is deleted.

⚠ In order to reconnect to the device whose information was deleted, delete the amp’s information from that device, and then perform pairing again.


**1** While the  (Bluetooth) LED is off, press the  (Bluetooth) button. The amp enters a waiting for pairing mode, and the  (Bluetooth) LED blinks.

*Tip:* While the amp is trying to reconnect (LED blinks quickly) or connected (LED is lit), press the  (Bluetooth) button to turn off the LED, then press the  (Bluetooth) button again.

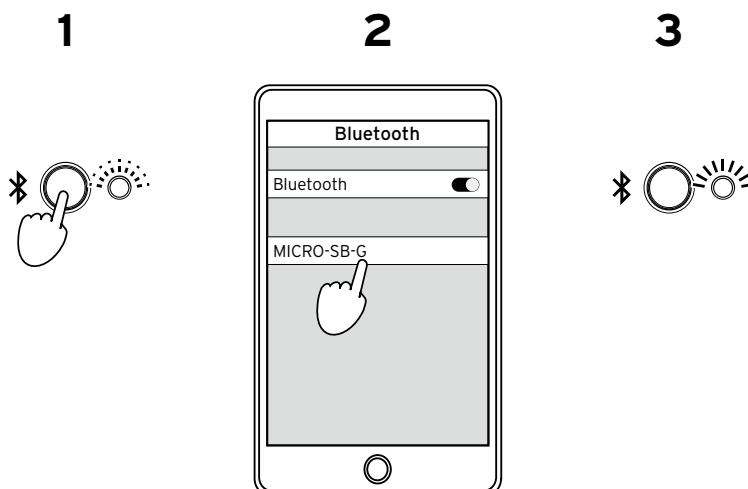
**2** Turn on the Bluetooth function for the device to be connected to, and then select “MICRO-SB-G” from the list of options on your device.

When a message appears, requesting permission for pairing, allow pairing. When a passkey is requested, enter “0000”.

*Tip:* The passkey may also be called a PIN code, password, etc.

**3** If pairing is successful, the amp enters a connection ready mode, and the  (Bluetooth) LED changes to lit.

*Tip:* If no connection is established within 1 minute, the waiting for pairing mode is canceled (LED turns off).



### | Reconnecting to a paired device

- 1 While the amp is in the waiting for pairing mode (Bluetooth LED is blinking), press the Bluetooth button to try to reconnect with a previously connected device (LED blinks quickly).

*Tip:* The amp will automatically try to reconnect when you power it on if it was connected when the power was turned off.

- 2 If the connection is established, the Bluetooth LED changes to lit.

*Tip:* If no connection is established within 10 seconds, the reconnection is stopped (LED turns off).

*Tip:* A reconnection can also be made by selecting “MICRO-SB-G” in the Bluetooth settings screen on the device to be connected to.

### | Cutting the connection

To cut a Bluetooth audio connection, press the Bluetooth button while the Bluetooth LED is lit. The connection is cut, and the LED turns off.

### | Troubleshooting a Bluetooth connection

Depending on the settings for the other device and timing of the operations, a connection may fail to be established several times, or the Bluetooth function on this amp may become unstable. If either of these occur, check the settings for the other device, and follow the procedure described below to reset the Bluetooth function on this amp.

*Tip:* When this procedure is performed, the Bluetooth connection will be cut.

*Tip:* Even after this procedure is performed, information for other devices, which is stored on this amp, will not be deleted.

- 1 Hold down the Bluetooth button for at least 3 seconds.
- 2 After the Bluetooth LED begins to blink very quickly, release the Bluetooth button.
- 3 When resetting is completed, the LEDs turn off.

*Tip:* If the problem is not resolved, even after resetting, delete the connection information for this amp from the other device, and then perform pairing again.

# Specifications

---

## Amp Head Section

**Controller:**

VOLUME Knob, REVERB Knob, BASS Knob, TREBLE Knob, GAIN Knob,  (Bluetooth) Button, MODE/POWER button

**Input/Output Jacks:**

INPUT Jack x 1 (6.3 mm monaural phone jack),  
PHONES Jack x 1 (3.5 mm stereo mini phone jack),  
SPEAKER OUTPUT Jack x 1 (6.3 mm monaural phone jack, TS balanced)

**Output Power:**

Maximum 5 W (when using only the head's built-in speaker)  
Maximum 20 W (when using the head's built-in speaker and speaker cabinet)

**Speaker:** 1 x 1.5" 4 ohms VOX Original Speaker

**Wireless Method:** Bluetooth (A2DP Sink)

## Signal processing

**Sample Rate:** 48 kHz

**A/D conversion:** 24-bit

**D/A conversion:** 24-bit

## Battery

**Battery:** 3.6 V 3100mAh Li-Ion

**Charging time:** About 3 hours (when the power is off)

**Battery life:** About 4 hours\*

**Recommended charging temperature range:** 15°C to 35°C

**Usage temperature range:** 0°C to 40°C

## Speaker Cabinet Section

**Speaker:** 1 x 4" 8 ohms VOX Original woofer

**Max Input:** 15 W RMS 8 ohms

**Impedance:** 8 ohms

## General

**Power Supply:** AC adapter (DC 12 V )

**Current Consumption:** 1 A

**Power consumption:** 6.3 W (no-load power consumption: 0.1 W at 230 V)

**Dimensions (W x D x H):** 210 x 135 x 388 mm / 8.27 x 5.31 x 15.28 inches

**Weight:** 3.6 kg / 7.94 lb

**Included items:** AC adapter, Speaker cable, Quick Start Guide

\* Varies depending on usage conditions. Rechargeable batteries are consumable products that degrade over time, resulting in shorter battery life.

- Appearance and specifications of this product are subject to change without notice.



**Vox Amplification Ltd.**

1 Harrison Close, Knowlhill, Milton Keynes, MK5 8PA. UK

[www.voxamps.com](http://www.voxamps.com)