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› BOSS Katana-Mini X Portable Guitar Amplifier Instruction Manual

BOSS KTNMINI-X

BOSS Katana-Mini X Portable Guitar Amplifier

MODEL: KTNMINI-X

Introduction

The BOSS Katana-Mini X is a compact yet powerful 10-watt guitar amplifier that brings the renowned Katana sound to a portable design. Building on the legacy of the original Katana-Mini, this enhanced model offers six distinct analog sound options, including three primary amp types (Brown, Crunch, and Clean), each with its own variation to suit diverse playing styles. Its advanced analog gain circuit ensures rich, detailed tones, while the robust wood cabinet and custom 5-inch speaker deliver a full and satisfying sound experience. Designed for convenience, it features two effect sections with 10 different effects, Bluetooth for seamless music streaming, a built-in rechargeable battery for up to 10 hours of playtime, and an integrated tuner. This manual provides essential information for setting up, operating, and maintaining your Katana-Mini X amplifier.



The BOSS Katana-Mini X amplifier, shown with its bundled instrument cable and guitar picks.

Setup

1. Powering the Unit

The Katana-Mini X can be powered by its internal rechargeable battery or via a 5V USB Type-C® power source. The included USB Type-C® to USB Type-A cable is for charging; a USB power adapter is not included. Ensure the amplifier is fully charged before initial use for optimal battery performance.



Side view of the Katana-Mini X, highlighting the 5V (DC IN) USB Type-C® port.

2. Connecting Your Instrument

Connect your guitar or other instrument to the **INPUT** jack using a standard 1/4-inch phone type instrument cable. Ensure the cable is securely inserted.

3. Connecting Headphones or Recording Device

For silent practice or direct recording, connect headphones or a recording device to the **PHONES/REC** jack (Stereo miniature phone type). This output simulates a mic'd cabinet tone.

Operating the Amplifier

1. Controls Overview



Top panel controls of the Katana-Mini X amplifier.

- **INPUT:** 1/4-inch jack for instrument connection.
- **GAIN:** Adjusts the input gain, affecting the amount of distortion.
- **TYPE:** Selects the amplifier's sound character (Brown, Crunch, Clean).
- **VARIATION button:** Toggles between two variations for each amp type.
- **VOLUME:** Controls the overall output volume.
- **EQUALIZER (BASS, MIDDLE, TREBLE):** Adjusts the low, mid, and high frequencies of your tone.
- **MOD/FX:** Selects and adjusts modulation effects (Chorus, Phaser, Flanger, Tremolo, Octave, Synth).
- **REV/DLY:** Selects and adjusts reverb/delay effects (Delay, Reverb, Spring Reverb).
- **TUNER/BLUETOOTH button:** Activates the tuner or Bluetooth pairing mode.
- **LEVEL:** Adjusts the output level of the amplifier.
- **POWER switch:** Turns the amplifier on or off.

2. Selecting Amp Type and Variation

Use the **TYPE** switch to choose between Brown (high-gain lead), Crunch (overdriven rhythm), and Clean (clear, natural tone). Press the **VARIATION** button to access an alternative sound character for the selected amp type. The indicator light will change to show which variation is active.

3. Adjusting Tone and Effects

Utilize the **BASS**, **MIDDLE**, and **TREBLE** knobs to sculpt your desired sound. The **MOD/FX** and **REV/DLY** knobs allow you to select and control the intensity of the built-in modulation, delay, and reverb effects. Experiment with these controls to find your preferred sonic textures.

4. Using the Tuner

Press the **TUNER/BLUETOOTH** button briefly to activate the built-in tuner. The indicator lights will guide you to proper tuning. Press the button again to exit tuner mode.

5. Bluetooth Connectivity

To pair a Bluetooth device, press and hold the **TUNER/BLUETOOTH** button until the indicator light flashes rapidly. On your device, search for "KATANA-MINI X" and select it to pair. Once connected, you can stream audio through the amplifier, perfect for jamming along to your favorite tracks.

Maintenance

1. Cleaning

Wipe the exterior of the amplifier with a soft, dry cloth. Avoid using abrasive cleaners, waxes, or solvents, as these can damage the finish. Do not spray liquids directly onto the amplifier.

2. Battery Care

For optimal battery life, fully charge the amplifier before extended periods of non-use. If storing for a long time, charge the battery at least once every six months. Use only the specified USB Type-C® cable for charging.

3. Storage

Store the amplifier in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. Ensure it is protected from dust and physical impact.

Troubleshooting

- **No Sound:** Check that the instrument cable is fully inserted into both the guitar and the amplifier. Ensure the amplifier's VOLUME and LEVEL knobs are turned up. Verify the POWER switch is ON and the battery is charged or the unit is connected to a power source.
- **Poor Sound Quality/Distortion:** Adjust the GAIN knob. If using external pedals, ensure their output levels are appropriate for the amplifier's input. Check for damaged cables.
- **Bluetooth Pairing Issues:** Ensure the amplifier is in pairing mode (flashing blue light). Turn off and on your Bluetooth device and the amplifier, then try pairing again. Ensure no other devices are actively connected to the amplifier via Bluetooth.
- **Battery Not Charging:** Verify the USB Type-C® cable is securely connected to both the amplifier and a working USB power source. Ensure the power source provides sufficient current (5V).

Specifications

Feature	Specification
Rated Power Output	10 W

Nominal Input Level	Input: -10 dBu (1 M ohm)
Speaker	12 cm (5 inches)
Connectors	Input jack: 1/4-inch phone type, Phones/REC jack: Stereo miniature phone type, 5 V (DC IN) port: USB Type-C®
Bluetooth Profile Support	A2DP (Audio)
Power Supply	Rechargeable nickel-metal hydride battery
Current Draw	1500 mA
Expected Battery Life	Approximately 10 hours
Battery Charging Time	Approximately 3 hours
Accessories	USB Type-C® to USB Type-A cable for charging
Dimensions (W x D x H)	11.30 x 5.71 x 7.87 inches
Weight	6 pounds

Warranty and Support

For warranty information and technical support, please refer to the official BOSS website or contact your local authorized dealer. Keep your proof of purchase for any warranty claims.