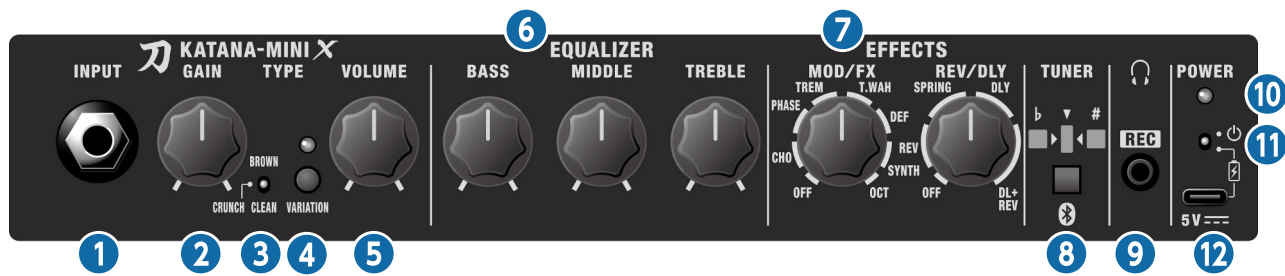# KATANA-MINI X

Owner's Manual

Before using this unit, carefully read the information in "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (the "Read Me First" leaflet). After reading, keep the document(s) where it will be available for immediate reference.

Contents

Front panel (adjusting the sound)

Name		Explanation	
1	**INPUT jack**	Connect your guitar here.	
		* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.	
2	**[GAIN] knob**	Adjusts the distortion of the amp.	
3	**[TYPE] switch**	Selects the amp type.	
		BROWN	A lead sound with an edge inherited from the BOSS WAZA brown sound.
		CRUNCH	A fat crunch sound that responds to the nuances of your picking.
		CLEAN	A clean and natural sound.
4	**[VARIATION] button** VARIATION indicator	When the [VARIATION] button is switched on (the VARIATION indicator lights up), the sound switches to the variation sound that's selected with the [TYPE] switch. When the [TYPE] switch is set to "CLEAN", you get a sound that's suitable for acoustic-electric guitars or bass guitars.	
5	**[VOLUME] knob**	Adjusts the volume.	
6	**EQUALIZER**	You can use the tone stack-type three-band equalizer for creating authentic sounds.	
	[BASS] knob	Adjusts the volume of the low-frequency range.	
	[MIDDLE] knob	Adjusts the volume of the middle-frequency range.	
	[TREBLE] knob	Adjusts the volume of the high-frequency range.	

Front panel (adjusting the sound)

Name	Explanation
⑦ **EFFECTS**	A variety of effects are available.

⑦ [MOD/FX] knob

Selects the effect you want to use.

Use the knob to adjust how much the effects are applied, within the given range for each effect on the knob.

CHO	Chorus
PHASE	Phaser
TREM	Tremolo
T.WAH	Touch wah
DEF	Defretter
SYNTH	Synth (*1)
OCT	Octave

(*1)
- The effect may not sound the way you expect when you play chords (two or more notes at the same time), because of how it analyzes the pitch. Be sure to mute all the other strings and play only one note at a time.
- When you want to play the next string while another note is still playing, mute the previous sound and then play the next one with a clear attack. If the unit cannot detect the attack, the effect may not sound correct.
- The sensitivity may vary according to the setting of the TONE knob on your guitar/bass and the pickup type.
- When you turn down the [VOLUME] knob with the [TYPE] switch set to "BROWN", this may make pitch analysis difficult, and the note you play might not be detected accurately. Raise the [VOLUME] knob setting in this case.

[REV/DLY] knob

Uses a reverb/delay effect to produce a sense of sonic spaciousness.

REV	Reverb
SPRING	Spring reverb
DLY	Delay
DLY+REV	Delay + Reverb

⑧ **[TUNER / 🅱 (Bluetooth®)] button**	Press this when you want to use the tuner. When connecting via Bluetooth®, long-press the button for at least three seconds.
TUNER (♭ / ▼ / ♯) indicators	These indicators show the tuning status when you use the tuner.

⑨ 🎧 (PHONES) / REC jack

Use this as a headphones jack or as an output jack for recording.

This lets you obtain guitar sounds just as if you were playing through the speaker.

> **MEMO**
> - The jack outputs in stereo.
> - If a plug is inserted into this jack, no sound is output from the amp's speaker.

⑩ POWER indicator

Indicates the state of the power supply or charging.

▶ POWER indicator display (p. 5)

⑪ [POWER] switch

Turns the power of this unit on (⏻ side) or off (🔋 side).

* Before turning the unit on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.

Name	Explanation
⑫ **5 V ⎓ port** (USB Type-C®)	Connect this to a commercially available USB AC adaptor (at least 5 V ⎓/2 A) to supply power to or recharge this unit. * Some USB AC adaptors may not work with this instrument, depending on the manufacturer and type. **MEMO** Refer to the "Read Me First" leaflet for information on recharging.

POWER indicator display

| Display	Status
Unlit	Power off
Lit red	Power on
Blinking orange	Powered off and recharging
Lit orange	Powered on and recharging **NOTE** Some USB AC adaptors may produce line noise when connected. If this happens, we recommend that you use a different USB AC adaptor, or else recharge the unit first, unplug the USB AC adaptor and then use the unit unplugged.
Blinking red	Rechargeable battery power low Charge the battery as soon as possible.
Rapidly blinking red	You may be using the unit outside of its operating temperature range (0–40ºC). Be sure to use the unit only within the specified temperature range.
Rapidly blinking orange	You may be charging the unit outside of its charging temperature range (5–30ºC). Be sure to charge the unit only within the specified temperature range.

Using the tuner

The pitches of six-string guitars and four-string bass guitars are determined using standard tuning.
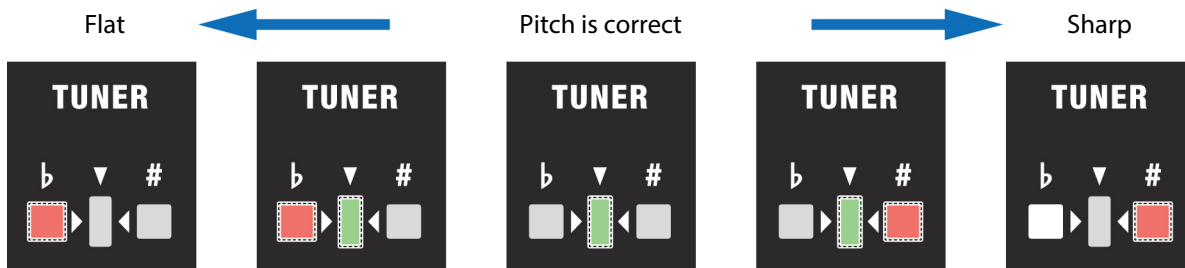
> **MEMO**
>
> When tuning a bass guitar, set the [TYPE] knob to "CLEAN" and the [VARIATION] button to ON (the VARIATION indicator lights up).

1 Press the [TUNER/ 𝟾] button.

The TUNER (▼) indicator blinks for about one second.
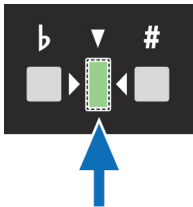
2 Play a single note on the open string you want to tune.

Flat		Pitch is correct		Sharp

- Reference pitch: A4 = 440 Hz
- If the tuner sensitivity is not good, use the [VOLUME] knob on this unit to raise the volume.
- If you're having trouble tuning an acoustic guitar, set the [VARIATION] button to OFF (the indicator goes dark).

3 When you have finished tuning, press the [TUNER/𝟾] button again.

The TUNER (▼) indicator blinks for about one second.

Listening to the audio from your mobile device on this unit (Bluetooth® audio)

Connect your mobile device to this unit via Bluetooth® wireless technology when you want to listen to the audio playing on your mobile device through this unit while you play the guitar.

Connecting to a mobile device

1 **Long-press the [TUNER/≬] button for at least three seconds.**

The TUNER (▼) indicator blinks.
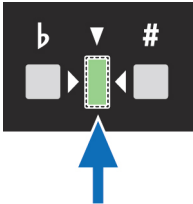
2 **On your mobile device (such as a smartphone), turn the Bluetooth® switch on.**

3 **Tap "KATANA-MINI X" that's shown on the Bluetooth® screen of your mobile device.**

This pairs this unit with your mobile device. Once paired, the TUNER (▼) indicator rapidly blinks and then goes dark.

> **MEMO**
>
> - To adjust the volume of your mobile device's playback, make adjustments on that device.
> - When you turn this unit on, the unit automatically connects to the mobile device it was paired with before the power was turned off.

Unpairing the mobile device

1 **Long-press the [TUNER/≬] button for at least three seconds.**

The TUNER (▼) indicator blinks.

2 **Press the [TUNER/≬] button again.**

> **MEMO**
>
> You can also unpair the devices from the Bluetooth® screen of your mobile device.

Troubleshooting

Problem	What to check and do
The unit doesn't charge even when I connect it to a USB AC adaptor.	Check whether the USB AC adaptor can deliver at least 5 V/2 A of power output.
The unit doesn't run for very long on battery power (while not supplied power from a USB AC adaptor).	The battery may have been excessively discharged. Try doing a "refresh recharge". **How to perform a refresh recharge** **1** **Turn this unit off.** **2** **Charge the unit with a commercially available USB AC adaptor (at least 5 V/2 A).** **3** **Disconnect the USB AC adaptor after charging is complete.** **4** **Turn on this unit and then let it run on battery power all the way until fully discharged.** **5** **Repeat steps 1–4 several times.** * The battery's performance may not fully recover after you recharge the battery only once following excessive discharge. Although the battery performance does recover after refresh recharging, this does not restore the battery's original performance.
"KATANA-MINI X" is not shown on the display of the mobile device you want to pair with this unit. **However, it does appear on other mobile devices.**	Cycle the power of the mobile device you want to use.

Main specifications

Rated Power Output	10 W	
Nominal Input Level	INPUT	-10 dBu (1 MΩ)
Speaker	12 cm (5 inches)	
Connectors	INPUT jack	1/4-inch phone type
	PHONES/REC jack	Stereo miniature phone type
	5V (DC IN) port	USB Type-C®
Bluetooth®	Profile Support	A2DP (Audio)
Power Supply	Ni-MH battery	
Current Draw	1500 mA	
Expected battery life under continuous use	Approximately 10 hours * These figures will vary depending on the actual conditions of use.	
Battery charging time	Approximately 3 hours * To charge the unit, use the USB port of a computer or a commercially available USB power supply adaptor (5 V, 2 A or higher).	
Dimensions (excluding strap)	287 (W) x 145 (D) x 200 (H) mm 11-5/16 (W) x 5-3/4 (D) x 7-7/8 (H) inches	
Weight (including strap)	2.7 kg 6 lbs	
Accessories	Leaflet "Read Me First" USB Type-C® to USB A cable for charging	

  * 0 dBu = 0.775 Vrms

  * This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

KATANA-MINI X
Owner's Manual

01
Roland Corporation