

Owner's Manual

Guitar Amplifier



KATANA-50
KATANA-100
KATANA-100/212
KATANA-HEAD
KATANA-Artist

This owner's manual applies to the KATANA-50, KATANA-100, KATANA-100/212, and KATANA-HEAD.

A **50/100 only**, **100/HEAD only**, **100/HEAD/Artist only**, **HEAD only**, **HEAD/Artist only**, or **Artist only** icon will be used to mark explanations that pertain only to a specific model.

* All operating methods and panel specifications are common between the KATANA-100 and the KATANA-100/212.



KATANA-50

KTN-50

50 W output, 30 cm (12 inch) speaker



KATANA-100

KTN-100

100 W output, 30 cm (12 inch) speaker



KATANA-100/212

KTN100/212

100 W output, 30 cm (12 inch) speaker x 2



KATANA-HEAD

KTN-HEAD

100 W output, 12 cm (5 inch) speaker



KATANA-Artist

KTN-Artist

100 W output, 30 cm (12 inch) speaker

BOSS Guitar Amp "KATANA"

An all-in-one guitar amp that's ideal for live performance

Main Features

- Four original amp sounds are provided: a "brown sound" that's ideal for rock and inherits an edge from the BOSS WAZA HEAD, in addition to clean, crunch, and lead.
- Simple operation and high-quality BOSS effects are built-in (three can be used simultaneously). In addition to simple operation from the amp itself, you can use the dedicated software to edit the settings from your PC.
- The power control function lets you adjust the amp sound to the desired volume, and standby (MUTE) is also provided
- A dedicated acoustic amp that can also be used for acoustic guitar is built-in as well
- The combo amp models are equipped with a cabinet tilt mechanism that allows easier monitoring while you play (KATANA-50, KATANA-100, KATANA-100/212)
- The head amp model is equipped with a small speaker that allows practicing without requiring a speaker unit to be connected (KATANA-HEAD)
- You can connect a GA-FC (except for the KATANA-50) or FS series footswitch to control functions using your foot
- The compact and sturdy cabinets are designed for easy transport

USING THE UNIT SAFELY

Before using this unit, carefully read the sections entitled "IMPORTANT SAFETY INSTRUCTIONS" (inside front cover), "USING THE UNIT SAFELY" (p. 2), and "IMPORTANT NOTES" (p. 3). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature of your new unit, read Owner's Manual in its entirety. This manual should be saved and kept on hand as a convenient reference.

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INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About  WARNING and  CAUTION Notices

 WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
 CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

	The  symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The  symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The  symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING

WARNING

Make sure that the power cord is grounded

Connect mains plug of this model to a mains socket outlet with a protective earthing connection.



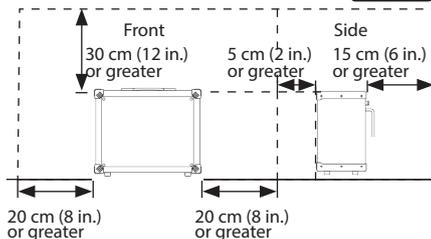
To completely turn off power to the unit, pull out the plug from the outlet

Even with the power switch turned off, this unit is not completely separated from its main source of power. When the power needs to be completely turned off, turn off the power switch on the unit, then pull out the plug from the outlet. For this reason, the outlet into which you choose to connect the power cord's plug should be one that is within easy reach and readily accessible.



Secure a sufficient amount of space at the setup location

Since this unit normally emits a slight amount of heat, make sure to secure sufficient space around it, as shown below.



Do not disassemble or modify by yourself

Do not carry out anything unless you are instructed to do so in the owner's manual. Otherwise, you risk causing malfunction.



Do not repair or replace parts by yourself

Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information."



WARNING

Do not use or store in the following types of locations

- Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
- Damp (e.g., baths, washrooms, on wet floors); or are
- Exposed to steam or smoke; or are
- Subject to salt exposure; or are
- Exposed to rain; or are
- Dusty or sandy; or are
- Subject to high levels of vibration and shakiness; or are
- Placed in a poorly ventilated location.



Do not place in an unstable location

Otherwise, you risk injury as the result of the unit toppling over or dropping down.



Connect the power cord to an outlet of the correct voltage

The unit should be connected to a power supply only of the type described as marked on the rear side of unit.



Use only the supplied power cord

Use only the attached power cord. Also, the supplied power cord must not be used with any other device.



Do not bend the power cord or place heavy objects on it

Otherwise, fire or electric shock may result.



Avoid extended use at high volume

Use of the unit at high volume for extended periods of time may cause hearing loss. If you ever experience any hearing loss or ringing in the ears, you should immediately stop using the unit and consult a specialized physician.



WARNING

Do not allow foreign objects or liquids to enter unit; never place containers with liquid on unit

Do not place containers containing liquid (e.g., flower vases) on this product. Never allow foreign objects (e.g., flammable objects, coins, wires) or liquids (e.g., water or juice) to enter this product. Doing so may cause short circuits, faulty operation, or other malfunctions.



Turn off the unit if an abnormality or malfunction occurs

Immediately turn the unit off, remove the power cord from the outlet, and request servicing by your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" when:



- The power cord has been damaged; or
- If smoke or unusual odor occurs; or
- Objects have fallen into, or liquid has been spilled onto the unit; or
- The unit has been exposed to rain (or otherwise has become wet); or
- The unit does not appear to operate normally or exhibits a marked change in performance.

Be cautious to protect children from injury

Always make sure that an adult is on hand to provide supervision and guidance when using the unit in places where children are present, or when a child will be using the unit.



Do not drop or subject to strong impact

Otherwise, you risk causing damage or malfunction.



Do not share an outlet with an unreasonable number of other devices

Otherwise, you risk overheating or fire.



Do not use overseas

Before using the unit in overseas, consult with your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information."



The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.



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



Use the apparatus in moderate climates.



⚠ CAUTION

When disconnecting the power cord, grasp it by the plug

To prevent conductor damage, always grasp the power cord by its plug when disconnecting it.



Periodically clean the power plug

An accumulation of dust or foreign objects between the power plug and the power outlet can lead to fire or electric shock.



At regular intervals, be sure to pull out the power plug, and using a dry cloth, wipe away any dust or foreign objects that may have accumulated.

Disconnect the power plug whenever the unit will not be used for an extended period of time

Fire may result in the unlikely event that a breakdown occurs.



⚠ CAUTION

Route all power cords and cables in such a way as to prevent them from getting entangled

Injury could result if someone were to trip on a cable and cause the unit to fall or topple.



Avoid climbing on top of the unit, or placing heavy objects on it

Otherwise, you risk injury as the result of the unit toppling over or dropping down.



Never connect/disconnect a power plug if your hands are wet

Otherwise, you could receive an electric shock.



Disconnect all cords/cables before moving the unit

Before moving the unit, disconnect the power plug from the outlet, and pull out all cords from external devices.



⚠ CAUTION

Before cleaning the unit, disconnect the power plug from the outlet

If the power plug is not removed from the outlet, you risk receiving an electric shock.



Whenever there is a threat of lightning, disconnect the power plug from the outlet

If the power plug is not removed from the outlet, you risk causing malfunction or receiving an electric shock.



English

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

IMPORTANT NOTES

Power Supply

- Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter or a motor (such as a refrigerator, washing machine, microwave oven, or air conditioner). Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.

Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This unit may interfere with radio and television reception. Do not use this unit in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface.
- Do not place containers or anything else containing liquid on top of this unit. Also, whenever any liquid has been spilled on the surface of this unit, be sure to promptly wipe it away using a soft, dry cloth.

Maintenance

- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Repairs and Data

- Before sending the unit away for repairs, be sure to make a backup of the data stored within it; or you may prefer to write down the needed information. Although we will do our utmost to preserve the data stored in your unit when we carry out repairs, in some cases, such as when the memory section is physically damaged, restoration of the stored content may be impossible. Roland assumes no liability concerning the restoration of any stored content that has been lost.

Additional Precautions

- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc. To protect yourself against the irretrievable loss of data, try to make a habit of creating regular backups of the data you've stored in the unit.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.
- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- When disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- A small amount of heat will radiate from the unit during normal operation.
- To avoid disturbing others nearby, try to keep the unit's volume at reasonable levels.
- Use only the specified expression pedal. By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.
- Do not use connection cables that contain a built-in resistor.

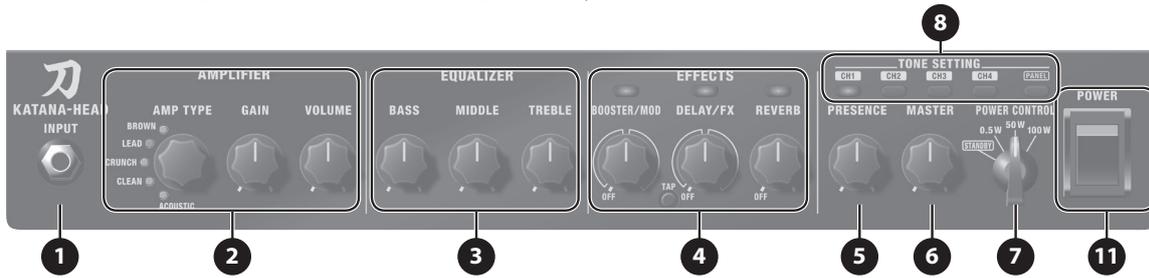
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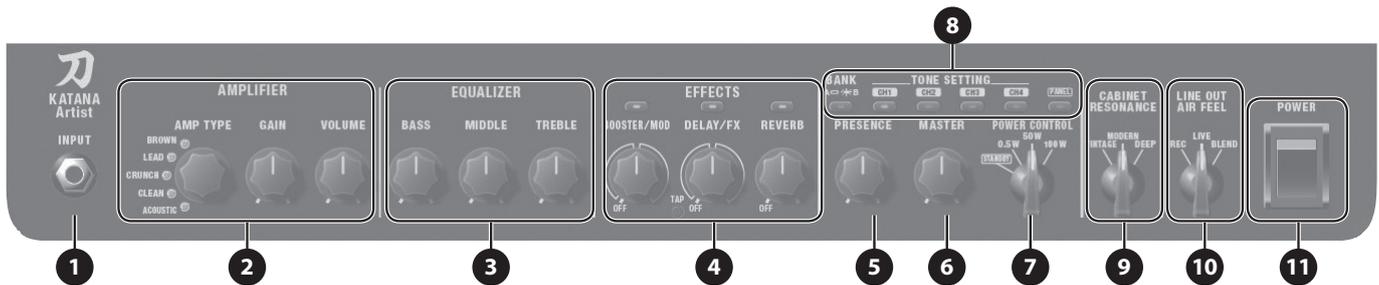
Panel Descriptions

KATANA-50, KATANA-100, KATANA-100/212, KATANA-HEAD Top Panel

* The illustration shows the KATANA-HEAD. KATANA-50 does not have a PRESENCE knob, nor does it have TONE SETTING buttons CH3 and CH4.



KATANA-Artist Front Panel



Top Panel/Front Panel

1 INPUT jack

Connect your electric guitar here.

2 AMPLIFIER

[AMP TYPE] knob

Selects the amp type. All provided amp types are original.

Type	Explanation
BROWN	A lead sound with an edge inherited from the BOSS WAZA brown sound.
LEAD	Different gain settings allow this sound to cover a wide range from crunch to high-gain.
CRUNCH	A fat crunch sound that faithfully responds to the nuances of your picking.
CLEAN	A clean and natural sound. In conjunction with BOOSTER, it can be used for solo or lead.
ACOUSTIC	A dedicated acoustic guitar amp that supports connection of an acoustic guitar.

[GAIN] knob

Adjusts the gain (amount of distortion).

[VOLUME] knob

Adjusts the volume.

3 EQUALIZER

[BASS] knob

Adjusts the sound level of the low-frequency range.

[MIDDLE] knob

Adjusts the sound level of middle-frequency range.

[TREBLE] knob

Adjusts the sound level of the high-frequency range.

4 EFFECTS

Here you can make settings for the built-in effects. For details on the effect types and settings for each knob, refer to "Using the Effects" (p. 9).

[BOOSTER/MOD] button/knob

Controls distortion-type effects and modulation effects.

[DELAY/FX] button/knob

Controls effects such as delay, wah, tremolo, and octave.

[TAP] button/knob

Sets the delay time. When you press this button two or more times, the delay time is set to the interval between presses.

[REVERB] button/knob

Controls the reverb.

5 [PRESENCE] knob (100/HEAD/Artist only)

Adds lustrous outline to the mid- and high-frequency range. This is effective when you want to improve the definition of the sound.

6 [MASTER] knob

Adjusts the overall volume.

7 [POWER CONTROL] switch

Lets you switch the output level of the power amp according to your location or needs. By selecting "STANDBY" you can mute the sound while leaving the unit powered-on. This lets you mute the amp without changing the volume or other settings when you leave the stage, such as between sets of your live performance.

8 TONE SETTING

Here you can store or recall sounds that you've set up on the panel. On the KATANA-50, you can store a total of four sounds. On the KATANA-100, KATANA-100/212, KATANA-HEAD, and KATANA-Artist, you can store a total of eight sounds.

KATANA-50

BANK A	CH1, CH2
BANK B	CH1, CH2

KATANA-100, KATANA-100/212, KATANA-HEAD, KATANA-Artist

BANK A	CH1, CH2, CH3, CH4
BANK B	CH1, CH2, CH3, CH4

[BANK] button Artist only

Switches between BANK A and BANK B.

MEMO

To switch between BANK A and BANK B on the KATANA-50, KATANA-100, KATANA-100/212, or KATANA-HEAD, hold down the [PANEL] button for approximately one second when any one of the [CH1]–[CH4] buttons are selected.

The selected [CH1]–[CH4] button blinks, and the bank switches between BANK A and BANK B. When BANK B is selected, the [PANEL] button blinks slowly.



* You can't switch banks while PANEL is selected.

[CH 1]–[CH 4] buttons

The [CH 1]–[CH 4] buttons (CH 1–CH 2 on the KATANA-50) remember the settings of all top panel knobs (except for the [MASTER] knob) and buttons. When you press and hold a button for one second, the panel settings are stored.

* You can make the settings back to the factory state by turning the power on while holding down the [PANEL] button.

[PANEL] button

Makes the unit sound using the current settings of the panel knobs.

9 [CABINET RESONANCE] switch Artist only

Adds the resonance of a connected speaker cabinet.

Value	Explanation
VINTAGE	The warm and sweet sound of a vintage cabinet.
MODERN	A modern cabinet sound notable for a tight low-end.
DEEP	Sound with powerful low-end as well as a distinctive edge.

10 [LINE OUT AIR FEEL] switch Artist only

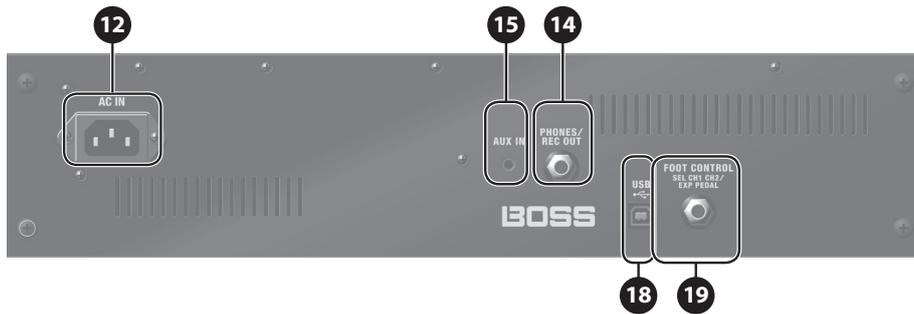
Specifies the sound of the LINE OUT/PHONES/USB Post Out (p. 10).

Value	Explanation
REC	A distantly-miked sound for recording.
LIVE	A close-miked sound for live.
BLEND	A sound providing a good blend of closed-miked and distantly-miked sound that can be broadly used for live or recording.

11 [POWER] switch

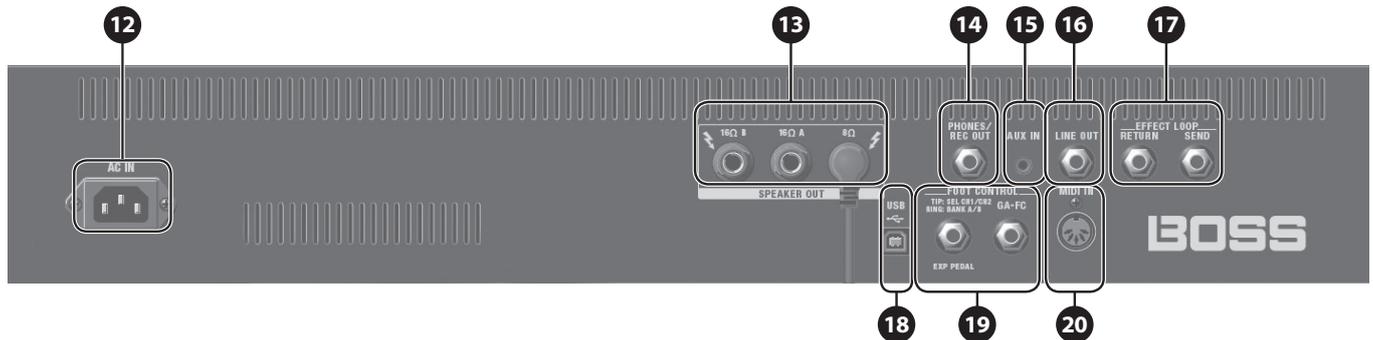
Turns the power of the KATANA on/off.

KATANA-50 Rear Panel



KATANA-100, KATANA-100/212, KATANA-HEAD, KATANA-Artist Rear Panel

* The illustration shows the KATANA-Artist. KATANA-HEAD's SPEAKER OUT is only an 8Ω jack. KATANA-100 and KATANA-100/212 do not have SPEAKER OUT jacks.



Rear Panel

12 AC IN jack

Connect the included power cord.

* Use only the power cord that was included with the unit.

13 SPEAKER OUT jack (HEAD/Artist only)

Connect a speaker box. Only use speaker cable to connect the speaker. Do not use any shielded cable designed for use with guitars.

When connecting an external speaker to the KATANA-HEAD

- If a plug is inserted in this jack, no sound will be output from the KATANA's own speaker.
- You must use a speaker box that has an input impedance of 8Ω or higher.



When connecting an external speaker to the KATANA-Artist

- When the unit is shipped from the factory, the internal speaker is connected to the 8Ω jack. If a plug is connected to the 8Ω jack, sound is not output from the 16Ω (A/B) jacks. If you want to use an external speaker, disconnect the internal speaker's plug from the 8Ω jack.
- If you use the 8Ω jack, you must use a speaker box whose input impedance is 8Ω or higher.
- If you use the 16Ω (A/B) jacks, you must use speaker boxes whose input impedance is 16Ω or higher.



14 PHONES/REC OUT jack

Connect headphones here. You can obtain powerful guitar sounds just as if you were playing through the speaker. To adjust the volume, use the [VOLUME] knob along with the [MASTER] knob.

* If a plug is inserted in this jack, no sound will be output from the KATANA's own speaker. This is convenient if you don't want loud sound to be produced from the speaker, such as when you're practicing at night.

15 AUX IN jack

Here you can connect a CD player, audio player, electronic musical instrument, or similar audio source, and listen to it while you play your guitar.

16 LINE OUT jack (100/HEAD/Artist only)

Connect this to your PA system or recorder. You can obtain powerful guitar amp sound just as if you were playing through the speaker.



You can use this in conjunction with an external PA system, or to record your performance via direct line while monitoring the sound from the KATANA's speaker.

Adjust the output level using the [VOLUME] knob.

Since the [MASTER] knob does not affect the output, you can turn down the [MASTER] knob so that sound is output to a connected device without any sound being produced from the amp itself.

* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

17 EFX LOOP SEND/RETURN jacks

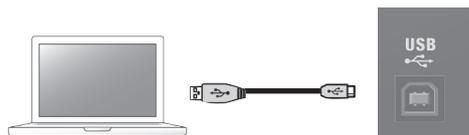
(100/HEAD/Artist only)

Connect an external effect device (monaural).

Connect the SEND jack to the input of your external effect device, and connect the output of your external effect device to the RETURN jack.

18 USB port

You can use a commercially available USB 2.0 cable to record the sound of the KATANA into your computer. You can also use dedicated software to edit the settings of the internal effects (p. 9).



You must install the USB driver when connecting the unit to your computer.

Download the USB driver from the Roland website. For details, refer to Readme.htm which is included in the download.

www.boss.info/support/

19 FOOT CONTROL

SEL CH1 CH2/EXP PEDAL jack

If you connect a footswitch (sold separately: FS-6, FS-7, or FS-5L), you can use your foot to switch between BANK A and BANK B and CH. 1 and CH. 2. If you connect an expression pedal (sold separately: Roland EV-5, BOSS FV-500L, BOSS FV-500H), you can use your foot to vary the volume.

GA-FC jack (100/HEAD/Artist only)

You can connect the separately sold GA-FC to switch channels and turn effects on/off.

20 MIDI IN jack (HEAD/Artist only)

You can control the KATANA-HEAD from a multi-effect unit or a MIDI foot controller.

How the MIDI receive channel is specified

Receive channel	Operation
CH 1	Hold down the [CH 1] button while turning the power on.
CH 2	Hold down the [CH 2] button while turning the power on.
CH 3	Hold down the [CH 3] button while turning the power on.
CH 4	Hold down the [CH 4] button while turning the power on.

* Receive channel is set to CH1 when shipped from the factory.

RECOGNIZED RECEIVE DATA

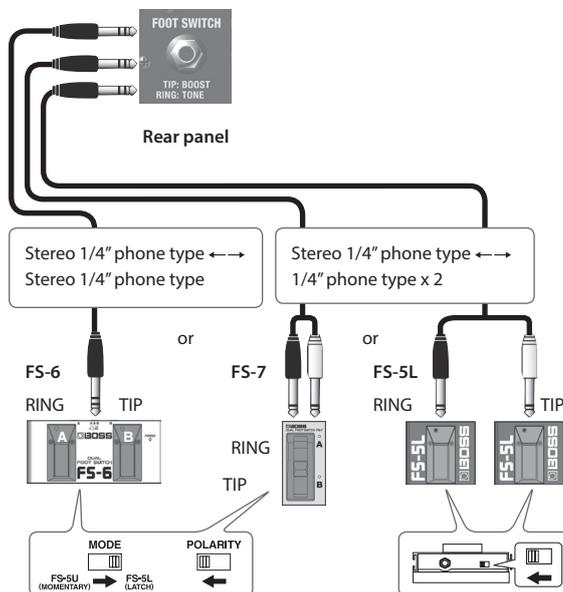
RX CH	1-4	
OMNI	OFF (fixed)	
PC	1 (00H) : BANK A CH1	
	2 (01H) : BANK A CH2	
	3 (02H) : BANK A CH3	
	4 (03H) : BANK A CH4	
	5 (04H) : PANEL	
	6 (00H) : BANK B CH1	
	7 (01H) : BANK B CH2	
	8 (02H) : BANK B CH3	
	9 (03H) : BANK B CH4	
CC	#16 FX1 SW	
	#17 FX2 SW	
	#18 FX3 SW	
	#19 EFFECT LOOP SW	
	#80 GA-FC EXP PEDAL (FX)	0 - 63 : OFF, 64 - 127 : ON
	#81 GA-FC EXP PEDAL (VOLUME)	
	#82 EXP PEDAL	

* When you operate the knobs in the EFFECTS section, the settings of the knobs become effective and the above on/off setting will be discarded.

Connecting a Foot Switch

Connecting a foot switch (sold separately: BOSS FS-6, FS-7, or FS-5L)

* Pin assignment of FOOT CONTROL jack



Switch	Explanation
TIP	Switches between CH1 and CH2.
RING	Switches between BANK A and BANK B.

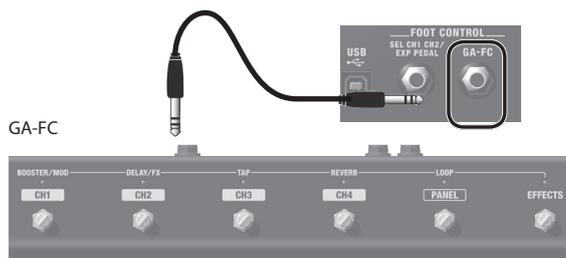
* The KATANA is compatible with latch-type footswitches (FS-6, FS-7, FS-5L). If you're using an FS-6 or FS-7, set the mode of A and B to FS-5L (LATCH). Momentary-type footswitches (e.g., FS-5U) cannot be used.

Connecting the GA-FC

Connect a stereo cable to the GA-FC jack.

* Always use a stereo cable.

* Use cables that do not contain resistors.



Using the GA-FC

You can switch TONE SELECT (CH1-CH4, PANEL). You can also switch EFFECTS (BOOSTER/MOD, DELAY/FX, REVERB) on/off, set the delay time (TAP), and turn EFFECT LOOP on/off (LOOP).

Using the expression pedals

If you connect an expression pedal (sold separately: Roland EV-5, BOSS FV-500L, BOSS FV-500H), you can use the pedal to vary the volume or control an effect such as WAH.



Panel Descriptions

Jack	Explanation
VOLUME	Adjust the volume.
FX	* You can control an effect such as WAH.

Setting MINIMUM VOLUME of an expression pedal

With the [MINIMUM VOLUME] knob of an expression pedal, you can set the value for when the pedal is lifted up all the way (lowest value).

[MINIMUM VOLUME] knob

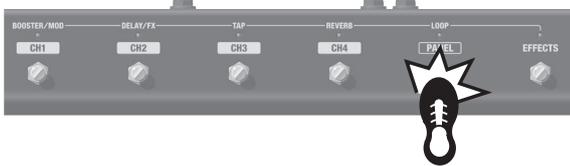


- * Use only the specified expression pedal. By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.

Using the GA-FC to switch the BANK

With one of the channels [CH1]–[CH4] selected, hold down the [PANEL] switch for approximately one second.

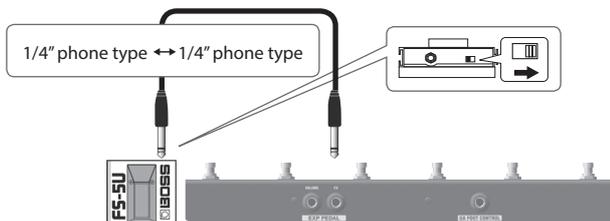
The selected [CH1]–[CH4] switch blinks, and the bank switches between BANK A and BANK B. When BANK B is selected, the [PANEL] button blinks slowly.



- * You can't switch banks while PANEL is selected.

MEMO

If a footswitch (sold separately: FS-5U) is connected to the rear panel VOLUME jack or the FX jack, you can use it to instantly switch between BANK A and BANK B.

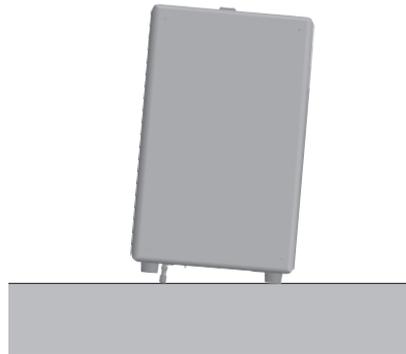


- * If you need to turn off the power completely, first turn off the unit, then unplug the power cord from the power outlet. Refer to "To completely turn off power to the unit, pull out the plug from the outlet" (p. 2).

Tilting the Unit

50/100 only

When using the KATANA-50, KATANA-100, or KATANA-100/212 at a low position such as on the floor, extending the stand will make the sound from the speakers easier to hear.



KATANA-50, KATANA-100

KATANA-100/212

- * The KATANA-50 and KATANA-100 have one folding leg attached to the bottom, and the KATANA-100/212 has two folding legs (at left and right).
- * Be sure to fold the stand when transporting the unit.
- * When you operate the stand, please be careful not to get your fingers pinched between the movable part and the panel. In places where small children are present, make sure that an adult provides supervision and guidance.

Turning the Power On/Off

- * Once everything is properly connected (p. 4–p. 7), be sure to follow the procedure below to turn on their power. If you turn on equipment in the wrong order, you risk causing malfunction or equipment failure.

1. Make sure that the KATANA's [MASTER] knob and the volume of the devices connected to the KATANA are set to 0.

- * Before connecting your instrument to the KATANA's INPUT jack, set the [MASTER] knob to the minimum setting (far left).

2. Turn on the KATANA.

- * 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.



3. Turn on the power of the devices connected to the LINE OUT jack and PHONES/REC OUT jack.

4. Adjust the volume levels for the devices.

Before switching off the power, lower the volume on each of the devices in your system and then TURN OFF the devices in the reverse order to which they were switched on.

Restoring the Factory Settings

Here's how the settings stored in the KATANA can be returned to their factory-set condition (factory reset).

1. While holding down the [PANEL] button, turn the power on.

Each of the EFFECTS buttons continues blinking consecutively from the left. When the blinking stops, all of the KATANA's settings return to the factory-set state.



- * It takes approximately 30 seconds for the factory reset to be completed. Don't turn off the power while the factory reset is in progress.

Using the Effects

The KATANA amp lets you switch between various types of effect by using the buttons and knobs. You can use three types of effect simultaneously.



Effects assigned to each knob when the unit is shipped

Knob	Color of the button	BOOSTER	MOD
	Green	BANK A	BLUES DRIVE
		BANK B	CLEAN BOOST
	Red	BANK A	OVERDRIVE
		BANK B	MID BOOST
Orange	BANK A	DISTORTION	
	BANK B	TREBLE BOOST	
	Green	BANK A	DIGITAL DELAY
		BANK B	SDE-3000
	Red	BANK A	ANALOG DELAY
		BANK B	DIGITAL DELAY
	Orange	BANK A	TAPE ECHO
		BANK B	MODULATE
	Green	BANK A	PLATE REVERB
		BANK B	TAPE ECHO + PLATE REVERB
	Red	BANK A	SPRING REVERB
		BANK B	SDE-3000 + PLATE REVERB
	Orange	BANK A	HALL REVERB
		BANK B	SDE-3000 + HALL REVERB

1. Press the [BOOSTER/MOD], [DELAY/FX], or [REVERB] button to select the effect that you want to use.

Each time you press the button, its color changes.



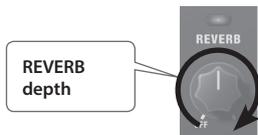
2. Turn the knob to adjust the depth of the effect.



* Either BOOSTER or MOD is selected depending on the position of the knob.



* Either DELAY or FX is selected depending on the position of the knob.



Making use of the KATANA's dedicated software

You can connect the amp via USB to your computer, and use it with dedicated software. Using the dedicated software allows you to do the following:

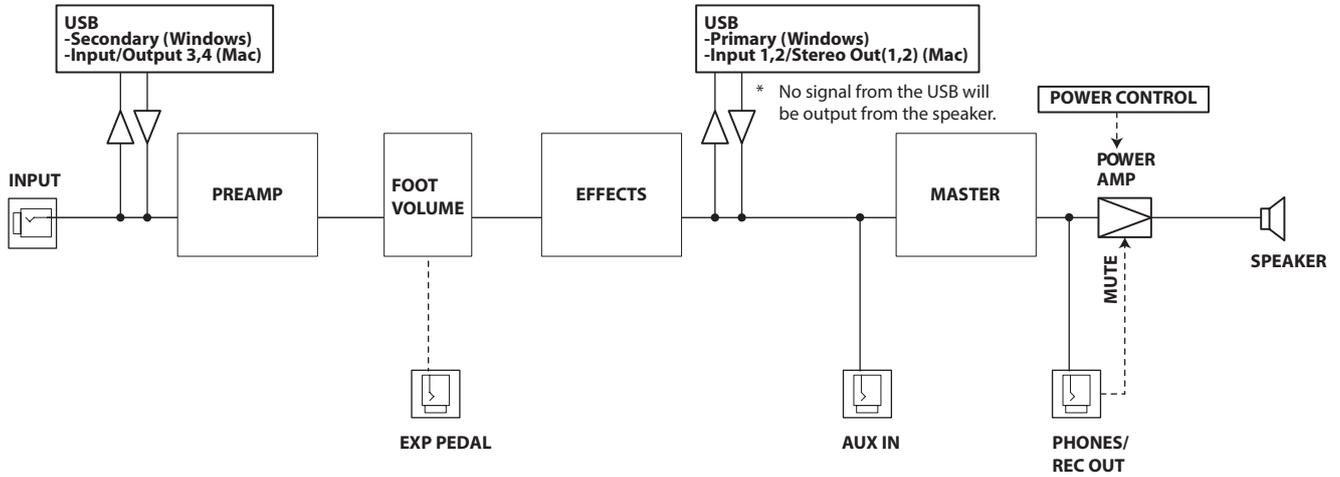


- Easily download dedicated effects from Boss Tone Central (<http://bosstonecentral.com>) download site into the amp.
- Edit the effect settings.
- Back up effects and other internal settings, or restore settings from a backup.

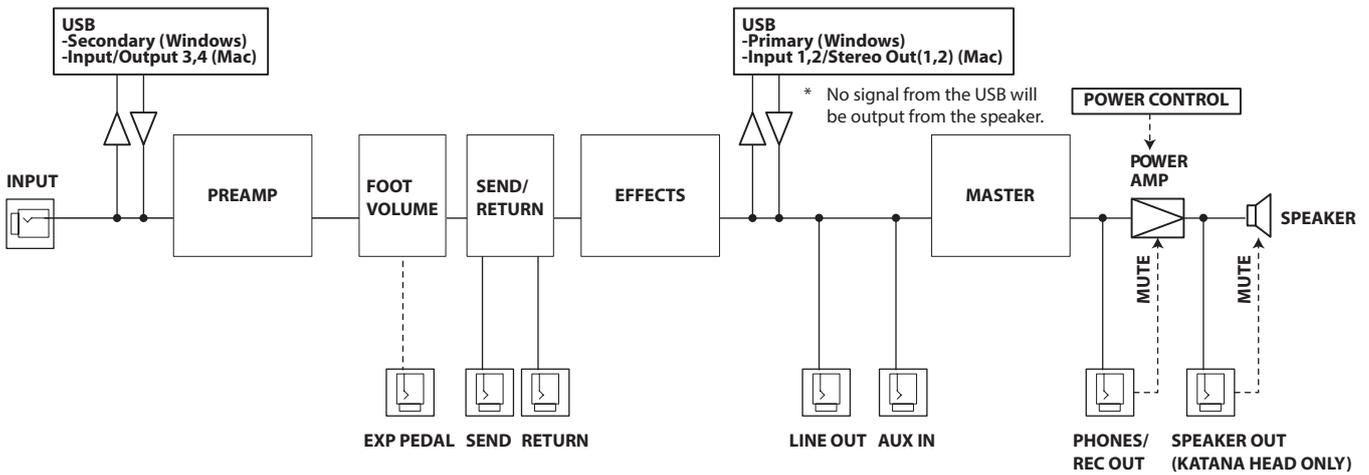
You can easily download the dedicated software from our BOSS TONE CENTRAL (<http://bosstonecentral.com/>) website. For details on how to use the software, refer to the Readme.htm file that comes with the download.

Block Diagram

KATANA-50



KATANA-100, KATANA-100/212, KATANA-HEAD, KATANA-Artist



Main Specifications

BOSS KATANA-50: Guitar Amplifier

BOSS KATANA-100: Guitar Amplifier

BOSS KATANA-100/212: Guitar Amplifier

BOSS KATANA-HEAD: Guitar Amplifier

	KATANA-50	KATANA-100	KATANA-100/212	KATANA-HEAD
Rated Power Output	50 W	100 W		
Nominal Input Level	INPUT: -10 dBu (1 MΩ) AUX IN: -10 dBu (20 kΩ)			
Speaker	30 cm (12 inches) x 1	30 cm (12 inches) x 1	30 cm (12 inches) x 2	EFX LOOP RETURN A/B: -10 dBu 12 cm (5 inches) x 1
Controls	[POWER] switch [MASTER] knob [POWER CONTROL] switch: STANDBY, 0.5 W, 25 W, 50 W <AMPLIFIER> [AMP TYPE] switch: ACOUSTIC, CLEAN, CRUNCH, LEAD, BROWN [GAIN] knob [VOLUME] knob <EQUALIZER> [BASS] knob [MIDDLE] knob [TREBLE] knob <MULTI EFFECT> [BOOSTER/MOD] button [DELAY/FX] button [REVERB] button [TAP] button [BOOSTER/MOD] knob [DELAY/FX] knob [REVERB] knob <TONE SETTING> [CH1] button [CH2] button [CH3] button [CH4] button [PANEL] button	[POWER] switch [MASTER] knob [PRESENCE] knob [POWER CONTROL] switch: STANDBY, 0.5 W, 50 W, 100 W <AMPLIFIER> [AMP TYPE] knob: ACOUSTIC, CLEAN, CRUNCH, LEAD, BROWN [GAIN] knob [VOLUME] knob <EQUALIZER> [BASS] knob [MIDDLE] knob [TREBLE] knob <MULTI EFFECT> [BOOSTER/MOD] button [DELAY/FX] button [REVERB] button [TAP] button [BOOSTER/MOD] knob [DELAY/FX] knob [REVERB] knob <TONE SETTING> [CH1] button [CH2] button [CH3] button [CH4] button [PANEL] button		
Indicators	BOOSTER/MOD DELAY/FX REVERB TAP CH1 CH2 PANEL	ACOUSTIC, CLEAN, CRUNCH, LEAD, BROWN BOOSTER/MOD DELAY/FX REVERB TAP CH1 CH2 CH3 CH4 PANEL		
Connectors	INPUT jack: 1/4-inch phone type AUX IN jack: Stereo miniature phone type REC OUT/PHONES jack: Stereo 1/4-inch phone type EXP PEDAL/CTL CH1/CH2 jack: 1/4-inch TRS phone type USB ⇄ port: USB B type AC IN jack	INPUT jack: 1/4-inch phone type AUX IN jack: Stereo miniature phone type REC OUT/PHONES jack: Stereo 1/4-inch phone type SEND jack: 1/4-inch phone type RETURN jack: 1/4-inch phone type LINE OUT jack: 1/4-inch phone type EXP PEDAL/CTL CH1/CH2 jack: 1/4-inch TRS phone type GA-FC jack: 1/4-inch TRS phone type USB ⇄ port: USB B type AC IN jack		INPUT jack: 1/4-inch phone type AUX IN jack: Stereo miniature phone type REC OUT/PHONES jack: Stereo 1/4-inch phone type SEND jack: 1/4-inch phone type RETURN jack: 1/4-inch phone type LINE OUT jack: 1/4-inch phone type SPEAKER OUT jack: 1/4-inch phone type EXP PEDAL/CTL CH1/CH2 jack: 1/4-inch TRS phone type GA-FC jack: 1/4-inch TRS phone type MIDI IN connector USB ⇄ port: USB B type AC IN jack
Power Consumption	47 W	77 W		
Dimensions	470 (W) x 238 (D) x 398 (H) mm 18-9/16 (W) x 9-3/8 (D) x 15-11/16 (H) inches	530 (W) x 248 (D) x 484 (H) mm 20-7/8 (W) x 9-13/16 (D) x 17-1/2 (H) inches	670 (W) x 248 (D) x 484 (H) mm 26-7/16 (W) x 9-13/16 (D) x 19-1/16 (H) inches	470 (W) x 228 (D) x 215 (H) mm 18-9/16 (W) x 9 (D) x 8-1/2 (H) inches
Weight	11.6 kg 25 lbs 10 oz	14.8 kg 32 lbs 11 oz	19.8 kg 43 lbs 11 oz	8.8 kg 19 lbs 7 oz
Accessories	Owner's manual Power cord	Owner's manual Power cord GA-FC sticker		
Options (sold separately)	Footswitch: BOSS FS-5L Expression pedal: Roland EV-5, BOSS FV-500L, BOSS FV-500H	Footswitch: BOSS FS-5L, BOSS FS-6, BOSS FS-7 Expression pedal: Roland EV-5, BOSS FV-500L, BOSS FV-500H GA FOOT CONTROLLER (GA-FC)		

English

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

Main Specifications

BOSS KATANA-Artist: Guitar Amplifier

	KATANA-Artist
Rated Power Output	100 W
Nominal Input Level	INPUT: -10 dBu (1 M Ω)
	AUX IN: -10 dBu (20 k Ω)
	RETURN IN: -10 dBu (100 k Ω)
Speaker	30 cm (12 inches) x 1
Controls	[POWER] switch
	[MASTER] knob
	[PRESENCE] knob
	[POWER CONTROL] switch: STANDBY, 0.5 W, 50 W, 100 W
	[CABINET RESONANCE] switch: VINTAGE, MODERN, DEEP
	[LINE OUT AIR FEEL] switch: REC, LIVE, BLEND
	<AMPLIFIER>
	[AMP TYPE] knob: ACOUSTIC, CLEAN, CRUNCH, LEAD, BROWN
	[GAIN] knob
	[VOLUME] knob
	<EQUALIZER>
	[BASS] knob
	[MIDDLE] knob
	[TREBLE] knob
	<MULTI EFFECT>
	[BOOSTER/MOD] button
	[DELAY/FX] button
	[REVERB] button
	[TAP] button
	[BOOSTER/MOD] knob
	[DELAY/FX] knob
[REVERB] knob	
<TONE SETTING>	
[BANK] button	
[CH1] button	
[CH2] button	
[CH3] button	
[CH4] button	
[PANEL] button	
Indicators	ACOUSTIC, CLEAN, CRUNCH, LEAD, BROWN
	BOOSTER/MOD
	DELAY/FX
	REVERB
	TAP
	BANK
	CH1
	CH2
	CH3
	CH4
PANEL	
Connectors	INPUT jack: 1/4-inch phone type
	AUX IN jack: Stereo miniature phone type
	REC OUT/PHONES jack: Stereo 1/4-inch phone type
	SEND jack: 1/4-inch phone type
	RETURN jack: 1/4-inch phone type
	LINE OUT jack: 1/4-inch phone type
	SPEAKER OUT 16 Ω A jack: 1/4-inch phone type
	SPEAKER OUT 16 Ω B jack: 1/4-inch phone type
	SPEAKER OUT 8 Ω jack: 1/4-inch phone type
	EXP PEDAL/CTL CH1/CH2 jack: 1/4-inch TRS phone type
	GA-FC jack: 1/4-inch TRS phone type
MIDI IN connector	
USB \leftarrow port: USB B type	
AC IN jack	
Power Consumption	77 W
Dimensions	630 (W) x 248 (D) x 515 (H) mm
	24-13/16 (W) x 9-13/16 (D) x 20-5/16 (H) inches
Weight	19kg
	41 lbs 15 oz
Accessories	Owner's manual Power cord GA-FC sticker
Options (sold separately)	Footswitch: BOSS FS-5L, BOSS FS-6, BOSS FS-7
	Expression pedal: Roland EV-5, BOSS FV-500L, BOSS FV-500H

* 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.