This owner’s manual applies to the KATANA-50, KATANA-100, KATANA-100/212, and KATANA-HEAD. A [50/100 only], [100/HEAD only], or [HEAD 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.

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
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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**USING THE UNIT SAFELY**

**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.
- 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.

**CAUTION**

- Used for instructions intended to alert the user to the risk of damage should the unit be used improperly.
- Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly.

**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 done is indicated by the design contained within the circle. The circle is used for items that must never be done (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 power-cord plug must be unplugged from the outlet.
- The symbol alerts the user to actions that must be taken. 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**

- 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 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.

**About WARNING and CAUTION Notices**

- **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.

- **CAUTION**
  - 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.

- **WARNING**
  - 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.

- **WARNING**
  - 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.

- **WARNING**
  - 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.”

**About the Symbols**

- **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
    - Damp (e.g., baths, washrooms, on wet floors); or
    - Exposed to steam or smoke; or
    - Subject to salt exposure; or
    - Exposed to rain; or
    - Dusty or sandy; or
    - Subject to high levels of vibration and shakesness; or
    - Placed in a poorly ventilated location.

- **WARNING**
  - Do not place in an unstable location
  - Otherwise, you risk injury as the result of the unit toppling over or dropping down.

- **WARNING**
  - 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.

- **WARNING**
  - 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.

- **WARNING**
  - Do not bend the power cord or place heavy objects on it
  - Otherwise, fire or electric shock may result.

- **WARNING**
  - 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.

**CAUTION**

- **CAUTION**
  - 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.”

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

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

- **CAUTION**
  - Use the apparatus in moderate climates.
IMPORTANT NOTES

Power Supply

- Do not connect this unit to the same power outlet as appliances that are in constant use, such as a refrigerator or a hair dryer. If you must connect this unit to the same outlet, be sure to leave a sufficient distance between the items.
- A small amount of heat will radiate from the unit during normal operation. Depending on the type of electrical appliance in use, this heat may cause fire or electric shock.
- When moving this unit from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. This may result in a malfunction, so be sure to disconnect the power plug from the outlet and allow the unit to stand until the condensation has completely evaporated.

Placement

- Using the unit near power amplifiers or other equipment containing large power transformers may result in 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 install it in close proximity to receivers.
- Noise may be produced by wireless communications devices, such as cell phones. Select a location where there is no risk of interference.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. This may result in a malfunction. After moving the unit, allow it to stand for several hours, until condensation has completely evaporated.
- Depending on the type of electrical appliance in use, this heat may cause fire or electric shock.
- Do not place containers or anything else containing liquid on top of this unit. Also, whenever any liquid has spilled on the surface of this unit, be sure to promptly wipe it away using a soft, dry cloth.

Maintenance

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

Repairs and Data

- Before sending this unit away for repairs, be sure to back up any data that may be stored in the unit.
- 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.

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. Do not touch the connectors, jacks, or other controls; and when using its buttons, sliders, or other controls.

Intellectual Property Right

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- ASIO is a trademark and software of Steinberg Media Technologies GmbH.
- This product contains eParts integrated software platform of eSol Co., Ltd. eParts is a trademark of eSol Co., Ltd. in Japan.
- Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners.

Route all power cords and cables in such a way as to prevent them from getting entangled or tripped on a cable and cause the unit to fall over 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.

Before cleaning the unit, 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.

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.
Panel Descriptions

Top Panel

KATANA-50

1 INPUT jack
Connect your electric guitar here.

2 AMPLIFIER

[AMP TYPE] knob
Selects the amp type. All provided amp types are original.

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

[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. 8).

[BOOSTER/MOD] button/knob
Controls distortion-type effects and modulation effects.

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

5 [PRESENCE] knob
100/HEAD 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.

[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.

[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.

[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.

[BOOSTER/MOD] button/knob
Controls distortion-type effects and modulation effects.
Panel Descriptions

Rear Panel

KATANA-50

10 AC IN jack
Connect the included power cord.
* Use only the power cord that was included with the unit.

11 SPEAKER OUT jack
Connect a speaker box. Only use speaker cable to connect the speaker. Do not use any shielded cable designed for use with guitars.
* You must use a speaker box that has an input impedance of 8Ω or higher.
* If a plug is inserted in this jack, no sound will be output from the KATANA's own speaker.

12 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.

13 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.

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

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

10 AC IN jack
Connect the included power cord.
* Use only the power cord that was included with the unit.

11 SPEAKER OUT jack
Connect a speaker box. Only use speaker cable to connect the speaker. Do not use any shielded cable designed for use with guitars.
* You must use a speaker box that has an input impedance of 8Ω or higher.
* If a plug is inserted in this jack, no sound will be output from the KATANA's own speaker.

12 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.

13 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.

14 LINE OUT jack
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.

15 EFX LOOP SEND/RETURN jacks
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.

16 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. 8).

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/
Panel Descriptions

17 FOOT CONTROL

SEL CH1 CH2/EXP PEDAL jack

If you connect a footswitch (sold separately: FS-SL), you can use your foot to switch between 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

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

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.

18 MIDI IN jack

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

How the MIDI receive channel is specified

<table>
<thead>
<tr>
<th>Receive channel</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH 1</td>
<td>Hold down the [CH 1] button while turning the power on.</td>
</tr>
<tr>
<td>CH 2</td>
<td>Hold down the [CH 2] button while turning the power on.</td>
</tr>
<tr>
<td>CH 3</td>
<td>Hold down the [CH 3] button while turning the power on.</td>
</tr>
<tr>
<td>CH 4</td>
<td>Hold down the [CH 4] button while turning the power on.</td>
</tr>
</tbody>
</table>

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

RECOGNIZED RECEIVE DATA

<table>
<thead>
<tr>
<th>RX CH</th>
<th>1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMNI</td>
<td>OFF (fixed)</td>
</tr>
<tr>
<td>PC</td>
<td>1 (00H) : CH1</td>
</tr>
<tr>
<td></td>
<td>2 (01H) : CH2</td>
</tr>
<tr>
<td></td>
<td>3 (02H) : CH3</td>
</tr>
<tr>
<td></td>
<td>4 (03H) : CH4</td>
</tr>
<tr>
<td></td>
<td>5 (04H) : PANEL</td>
</tr>
<tr>
<td>CC</td>
<td>#16 FX1 SW</td>
</tr>
<tr>
<td></td>
<td>#17 FX2 SW</td>
</tr>
<tr>
<td></td>
<td>#18 FX3 SW</td>
</tr>
<tr>
<td></td>
<td>#19 EFFECT LOOP SW</td>
</tr>
</tbody>
</table>

* 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.
**Turning the Power On/Off**

* Once everything is properly connected (p. 4–p. 6), 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.

   * 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).

**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.**

   All settings of the unit will return to their factory-set state.

**Tilting the Unit**

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.

* 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.
Using the Effects

The KATANA amp lets you switch between 15 types of effect by using the buttons and knobs. You can use three types of effect simultaneously.

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.

<table>
<thead>
<tr>
<th>Knob</th>
<th>Color of the button</th>
<th>BOOSTER</th>
<th>MOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>BLUES DRIVE</td>
<td>CHORUS</td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td>OVERDRIVE</td>
<td>FLANGER</td>
<td></td>
</tr>
<tr>
<td>Orange</td>
<td>DISTORTION</td>
<td>PHASER</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Knob</th>
<th>Color of the button</th>
<th>DELAY</th>
<th>FX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>DIGITAL DELAY</td>
<td>TREMOLO</td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td>ANALOG DELAY</td>
<td>T.WAH</td>
<td></td>
</tr>
<tr>
<td>Orange</td>
<td>TAPE ECHO</td>
<td>OCTAVE</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Knob</th>
<th>Color of the button</th>
<th>REVERB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>PLATE REVERB</td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td>SPRING REVERB</td>
<td></td>
</tr>
<tr>
<td>Orange</td>
<td>HALL REVERB</td>
<td></td>
</tr>
</tbody>
</table>

About the Factory-Set Effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOOSTER</td>
<td>A crunch sound like the BOSS BD-2, creating distortion that faithfully reproduces the nuances of your picking.</td>
</tr>
<tr>
<td>BLUES DRIVE</td>
<td>An overdrive sound like the BOSS OD-1, producing sweet and mild distortion.</td>
</tr>
<tr>
<td>OVERDRIVE</td>
<td>A standard and highly usable distortion sound.</td>
</tr>
<tr>
<td>MOD</td>
<td>A sound that adds a slightly modulated sound to the direct signal, creating beautiful spaciousness and depth.</td>
</tr>
<tr>
<td>CHORUS</td>
<td>Produces a flanging effect which applies modulation that is reminiscent of a jet airplane.</td>
</tr>
<tr>
<td>FLANGER</td>
<td>Produces a phasing effect which applies a sense of rotation to the sound by adding a slightly phase-shifted sound to the direct signal.</td>
</tr>
<tr>
<td>PHASER</td>
<td>A mild analog delay sound.</td>
</tr>
<tr>
<td>DIGITAL DELAY</td>
<td>A clear digital delay sound.</td>
</tr>
<tr>
<td>ANALOG DELAY</td>
<td>A delay sound.</td>
</tr>
<tr>
<td>TAPE ECHO</td>
<td>Adds a sound one octave lower than the input, generating a sense of low-frequency solidity.</td>
</tr>
<tr>
<td>TREMOLO</td>
<td>An effect that cyclically modulates the volume.</td>
</tr>
<tr>
<td>T.WAH</td>
<td>A wah effect that modulates a filter according to the volume of the guitar, producing a wah effect.</td>
</tr>
<tr>
<td>OCTAVE</td>
<td>Simulates a plate reverb (a reverb unit that uses the vibration of a metal plate), providing a metallic resonance with an extended high-frequency range.</td>
</tr>
<tr>
<td>PLATE REVERB</td>
<td>A sound with the distinctive modulation of a tape echo unit.</td>
</tr>
<tr>
<td>SPRING REVERB</td>
<td>Simulates the spring reverb unit built into some guitar amps.</td>
</tr>
<tr>
<td>HALL REVERB</td>
<td>Simulates the reverberation of a concert hall.</td>
</tr>
</tbody>
</table>

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.
- Backup 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**

- **Input**
- **Preamp**
- **Foot Volume**
- **Effects**
- **Master**
- **EXP Pedal**
- **AUX IN**
- **Phones/REC Out**
- **Power Control**
- **Power Amp**
- **Speaker**

- **USB** - Secondary (Windows)
  - Input/Output 3,4 (Mac)

- **USB** - Primary (Windows)
  - Input 1,2/Stereo Out (Mac)

* No signal from the USB will be output from the speaker.

---

**KATANA-100, KATANA-100/212, KATANA-HEAD**

- **Input**
- **Preamp**
- **Foot Volume**
- **Send/Return**
- **Effects**
- **Master**
- **EXP Pedal**
- **Send Return**
- **Line Out**
- **AUX IN**
- **Phones/REC Out**
- **Speaker Out** (KATANA HEAD ONLY)
- **Power Control**
- **Power Amp**
- **Mute**
- **Speaker**

- **USB** - Secondary (Windows)
  - Input/Output 3,4 (Mac)

- **USB** - Primary (Windows)
  - Input 1,2/Stereo Out (Mac)

* No signal from the USB will be output from the speaker.
## Main Specifications

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

* 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.
FEDERAL COMMUNICATIONS COMMISSION
RADIO FREQUENCY 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.

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.

This equipment requires shielded interface cables in order to meet FCC class B limit.
Any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user’s
authority to operate the equipment.

WARNING
This product contains chemicals known to cause cancer, birth defects and other reproductive harm, including lead.

For C.A. US (Proposition 65)

2036-1 Nakagawa, Hosoe-cho, Kita-ku, Hamamatsu, Shizuoka 431-1304, Japan

DECLARATION OF CONFORMITY
Compliance Information Statement

Model Name : KATANA-50, KATANA-100, KATANA-100/212, KATANA-HEAD
Type of Equipment : GUITAR AMPLIFIER
Responsible Party : Roland Corporation U.S.
Address : 5100 S. Eastern Avenue, Los Angeles, CA 90040-2938
Telephone : (323) 890-3700
For EU Countries

This symbol indicates that in EU countries, this product must be collected separately from household waste, as defined in each region. Products bearing this symbol must not be discarded together with household waste.

These symbols mean that these products contain harmful materials, and therefore cannot be disposed of in regular waste. Please follow local regulations for disposal. For China

<table>
<thead>
<tr>
<th>产品中有毒有害物质元或组成名称</th>
<th>有害物质或元素</th>
<th>铝 (Pb)</th>
<th>镉 (Cd)</th>
<th>铅 (Cr VI)</th>
<th>多溴联苯 (PBDE)</th>
<th>多溴联苯醚 (PBDEs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>配件 (壳体)</td>
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<tr>
<td>电子配件 (印刷电路板等)</td>
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<tr>
<td>配件 (电源线、插头等)</td>
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<td>○</td>
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</table>

<table>
<thead>
<tr>
<th>国家</th>
<th>符号</th>
<th>意义</th>
</tr>
</thead>
</table>
| SE | | 意味着产品在欧盟国家的销售。
| FI | | 在芬兰，该产品不得与普通家庭废物一起处理。
| HU | | 产品含有有害物质，须按照当地法规进行处理。
| CZ | | 产品含有有害物质，须按照当地法规进行处理。
| SK | | 产品含有有害物质，须按照当地法规进行处理。
| LT | | 产品含有有害物质，须按照当地法规进行处理。
| LV | | 产品含有有害物质，须按照当地法规进行处理。
| SI | | 产品含有有害物质，须按照当地法规进行处理。
| GR | | 产品含有有害物质，须按照当地法规进行处理。