

Owner's Manual

Guitar Amplifier

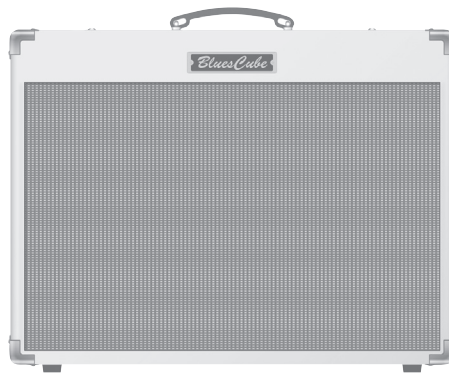
BluesCube Stage
BluesCube Artist
BluesCube Tour



Blues Cube Stage

(BC-Stage)

30 cm (12 inch) speaker, 60 W output



Blues Cube Artist

(BC-Artist)

30 cm (12 inch) speaker, 80 W output



Blues Cube Tour

(BC-Tour)

100 W output

Owner's Manual

取扱説明書

Bedienungsanleitung

Mode d'emploi

Manuale dell'utente

Manual del usuario

Manual do proprietário

Gebruikershandleiding

English

日本語

Deutsch

Français



Italiano

Español

Português

Nederlands

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR		
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS

WARNING - When using electric products, basic precautions should always be followed, including the following:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.




For the U.K.

WARNING: THIS APPARATUS MUST BE EARTHED

IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.
GREEN-AND-YELLOW: EARTH, BLUE: NEUTRAL, BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol  or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Owner's Manual

Guitar Amplifier

BluesCube Stage *BluesCube Artist* *BluesCube Tour*

This owner's manual applies to the Blues Cube Tour, Blues Cube Stage and the Blues Cube Artist.

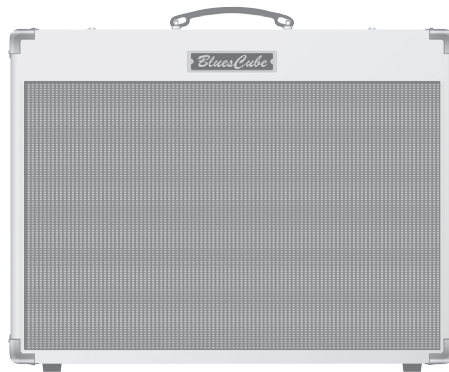
A **Artist only**, **Artist/Tour only**, or **Tour only** icon will be used to mark explanations that pertain only to a specific model.



Blues Cube Stage

(BC-Stage)

30 cm (12 inch) speaker, 60 W output



Blues Cube Artist

(BC-Artist)

30 cm (12 inch) speaker, 80 W output



Blues Cube Tour

(BC-Tour)

100 W output

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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.



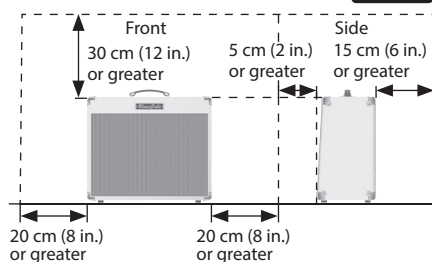
To completely turn off power to the unit, pull out the plug from the outlet

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.



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."



CAUTION

Place in a well ventilated location
The unit should be located so that its location or position does not interfere with its proper ventilation.



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 from this unit or from a power outlet.



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.

CAUTION

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.



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.



CAUTION

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 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 receiving an electric shock.



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.
- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Also, do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.
- 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.
- Do not allow rubber, vinyl, or similar materials to remain on this unit for long periods of time. Such objects can deform or discolor the unit.

- Do not paste stickers, decals, or the like to this instrument. Peeling such matter off the instrument may damage the exterior finish.
- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface. You can place a piece of felt or cloth under the rubber feet to prevent this from happening. If you do so, please make sure that the unit will not slip or move accidentally.
- 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

- To clean the unit, use a dry, soft cloth; or one that is slightly dampened. Try to wipe the entire surface using an equal amount of strength. Rubbing too hard in the same area can damage the finish.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Additional Precautions

- 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.
- When you need to transport the unit, pack it in shock-absorbent material. Transporting the unit without doing so can cause it to become scratched or damaged, and could lead to malfunction.

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- This product contains eCROS integrated software platform of eSOL Co.,Ltd. eCROS is a trademark of eSOL Co., Ltd. in Japan.

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About Your New Blues Cube Stage / Artist / Tour

Introduction

Congratulations!

You've made the right choice.

The Blues Cube is the happy result of using Roland's technological expertise to obtain the best possible sound from your electric guitar.

But to get the most out of your Blues Cube, you should go through this manual.

You don't need to keep most amp manuals. But this one will explain important stuff about what makes a great sounding amp and how to get that killer tone.

Guitar Amp as a Musical Instrument

An electric guitar doesn't come alive until it's plugged in. Your amp can actually be considered part of the instrument.

In fact, it's almost like the body of a great acoustic, contributing greatly to the final sound. Even a vintage guitar can't give you all it's got if you use a mediocre amp.



Dramatically Evolved Tube Logic

The quest to find the Blues Cube tone started with the component of the same very basic tube circuitry as Fender Bassman's. Specifically, that is 12AY7 and 2 stage of 12AX7 for pre tubes, passive tone stack, longtailed pair phase inverter, 6L6GC power tubes with push-pull method, output trans. Its power section contains GZ34 rectifier tube, and the fixed bias method is adopted for power tube.

Types of power supply such as B+ power supply or C- power supply are significant factors that are deeply related to the curve of power tube gain or saturation, and not only types of tube but the way of power supply is the important factor to determine the characteristics of amp sound.

There is a certain point in the dynamic change in power supply to power tube that produce a very good feeling for musicians. That is to say, attack and sustain go together, or in other words, the characteristic bite feeling and compression feeling of tube go together. We have made the balance of adjustments to the feelings over and over again.

Warm, bouncy, responsive, dynamic, elastic...these are all terms that guitarists use to describe the satisfying experience of playing their favorite tube amps. Thanks to Roland's Tube Logic, these words can be applied to the Blues Cube as well.

Dramatically evolved from the first-generation sound of the original Blues Cube amps from the '90s, today's Tube Logic accurately provides the complex, highly interactive behavior of classic tube designs in meticulous detail, providing the magical "it" factor that takes a guitar amp from a simple sound system to a living, breathing musical instrument. Great feel, distortion control with touch and volume, bloom, sparkle, power supply "sag," and more—everything that players love about a finely tuned vintage tube amp is present in abundance with the Blues Cube.



Performance-Ready Amp for Pro Players

Ready for live playing, the Blues Cube Artist is equipped with 80-watts of power (Blues Cube Stage is equipped with 60-watts), plus a custom 12-inch speaker that's been specially designed for maximum tonal response with Tube Logic. The open-back cabinet features poplar plywood construction, which offers acoustically vibrant tone for solo or group performances.



Wide-Open Sound at Any Volume (Power Control)

Every tube-amp player knows that you really need to turn up the volume and push the output tubes to get the amp to sing at its best. The downside is that the sound simply becomes too loud for playing anywhere but the biggest stages—though that’s certainly never stopped guitarists from trying! The power amp section of the Blues Cube uses a high-impedance drive circuit to drive the speaker in an authentic way. Even within the power amp section, the bias circuit for each component such as NFB, phase inverter, output transformer network, and power supply uses an independent circuit structure and is tuned independently.

With Tube Logic, the Blues Cube authentically delivers the complex distortion characteristics of output tubes and their interaction with the output transformer, with the sound getting richer and the feel becoming more dynamically responsive as the overall volume is increased. But with the Blues Cube’s variable Power Control, you’re able to enjoy this musical, cranked-up tone while matching the volume to any situation, from recording to rehearsals to nightclub gigs and beyond.



Clean, Crunch, and Dual Tone

The Blues Cube has two independent channels—one voiced for cleaner tones, and the other for crunch. Each channel has its own Boost and Tone switches to shape the character. The Clean channel’s single volume control dials in natural tube fullness and bite as the volume is cranked, while the Crunch channel’s variable gain control provides a range of grit flavors from mild to aggressive. With the press of a switch, the unique Dual Tone mode lets you blend both channels together for an endless array of rich tones. And just like a vintage tube amp, the Blues Cube loves stompboxes, allowing you to further shape your personal sound by hitting the amp’s front end with your favorite gain pedals.



Features

- Performance-ready 100-watt (Blues Cube Tour) / 80-watt (Blues Cube Artist) / 60-watt (Blues Cube Stage) guitar amplifier with authentic tube tone and touch response
- Roland’s comprehensive Tube Logic design delivers the interactive tonal behaviors of famous fine-tuned vintage tube amps, including preamp and output tube distortion characteristics, power supply compression, and much more
- Independent Clean and Crunch channels, plus unique Dual Tone mode for blending channels to expand tonal possibilities.
- Master volume, three-band EQ, and Presence control, plus Boost and Tone switches on each channel (Presence control is available on the Blues Cube Tour / Blues Cube Artist only)
- Four-way Power Control (0.5 W, 15 W, 45 W, Max) allows for cranked-amp tones at any volume
- Onboard high-quality reverb and tremolo effects with vintage sound character (tremolo effects are available on the Blues Cube Artist only), plus effects loop for external devices on the Blues Cube Tour and the Blues Cube Artist
- Classic open-back design with custom 12-inch speaker and poplar cabinet for the Blues Cube Artist and the Blues Cube Stage for enhanced presence on stage
- Stylish, modern look with a vintage vibe
- Efficient, lightweight design provides easy portability without sacrificing tone quality
- USB output for high-quality direct recording to a computer
- Optional GA-FC Foot Controller for Channel Select, Dual Tone, and Tremolo, and EFX Loop (Tremolo is available on the Blues Cube Artist only)

Artist/Tour only

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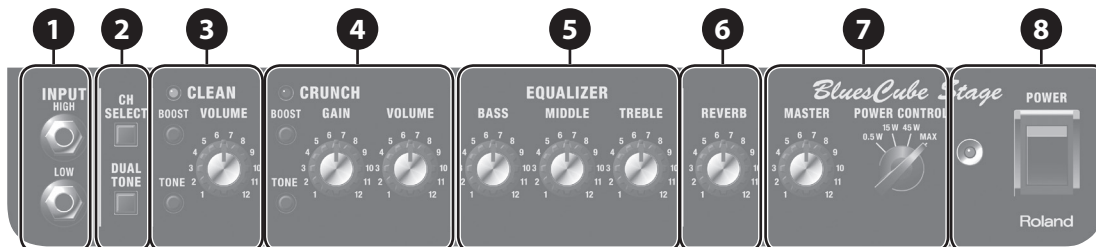
Português

Nederlands

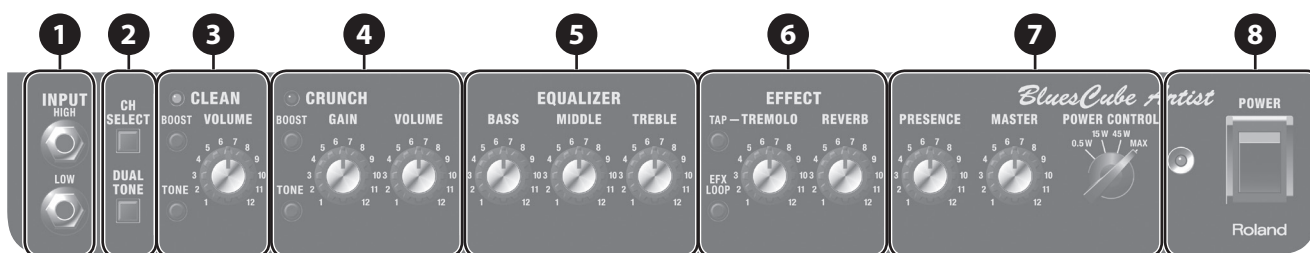
Panel Descriptions

Top Panel

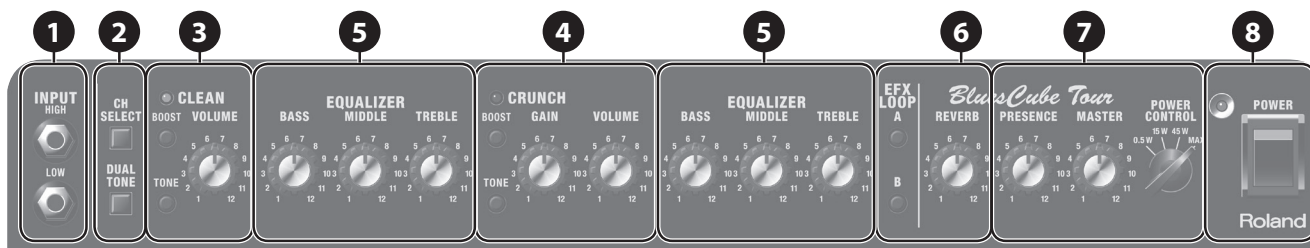
Blues Cube Stage



Blues Cube Artist



Blues Cube Tour



1 INPUT jacks

Connect your electric guitar here. Use either the HIGH or LOW jack according to the output level of your guitar. Normally you'll connect to the HIGH input. If your guitar has an especially high output and distorts easily, connect it to the LOW input.

2 Channel select

[CH SELECT] button

Switches between the CLEAN channel and the CRUNCH channel.

[DUAL TONE] button

Mixes the CLEAN channel and the CRUNCH channel.

* If a foot switch is connected, the [CH SELECT] button and [DUAL TONE] button don't do anything.

3 CLEAN channel

Lets you create a broad range of sounds from undistorted clean sound to light overdrive.

[VOLUME] knob

Adjusts the volume of the clean channel. If BOOST is off, settings of 0–6 will provide undistorted clean sound, and settings of 6–12 provide a light crunch sound with some power-amp distortion.

[BOOST] button

Turning the [BOOST] button on provides a nice crunch sound.

[TONE] button

Brightens the mid- and high-frequency ranges, making the sound crisper.

4 CRUNCH channel

[GAIN] knob

Adjusts the gain (amount of distortion) of the crunch channel.

[VOLUME] knob

Adjusts the volume of the crunch channel.

[BOOST] button

Turning the [BOOST] button on raises the gain of the CRUNCH channel. Adjust the [GAIN] knob to change from crunch sound to hard distortion.

[TONE] button

Brightens the mid- and high-frequency ranges, making the sound crisper.

5 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.

MEMO

The Blues Cube Tour provides independent equalizers for the CLEAN channel and the CRUNCH channel.

6 EFFECT

[TREMOLO] knob Artist only

Adjusts the depth of the tremolo effect, which cyclically modulates the volume.

[TAP] button Artist only

Specifies the rate of the tremolo effect. When you press the button twice, the tremolo is set to a rate corresponding to the interval between presses.

[EFX LOOP] button Artist only

Switches on/off an external effect that is connected to the EFX LOOP jacks.

[EFX LOOP A / EFX LOOP B] button Tour only

Switches on/off an external effect that is connected to the EFX LOOP A / EFX LOOP B jacks.

[REVERB] knob

Adjusts the reverb depth.

7 MASTER

[PRESENCE] knob Artist/Tour only

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

[MASTER] knob

Adjusts the overall volume.

[POWER CONTROL] switch

Lets you switch the output level of the power amp according to your location or needs. The MAX setting selects the maximum output for the respective model. This is equivalent to 60 W for the Blues Cube Stage, 80 W for the Blues Cube Artist, and 100 W for the Blues Cube Tour.

8 POWER

[POWER] switch

Turns the power of the Blues Cube on/off. When the power is on, the indicator at the left of this switch is lit.



Turning the Power On/Off

* Once everything is properly connected (p. 6 – p. 9), 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 Blues Cube's [MASTER] knob and the volume of the devices connected to the Blues Cube are set to 0.

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

2. Turn on the Blues Cube.

* 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.

* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.



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

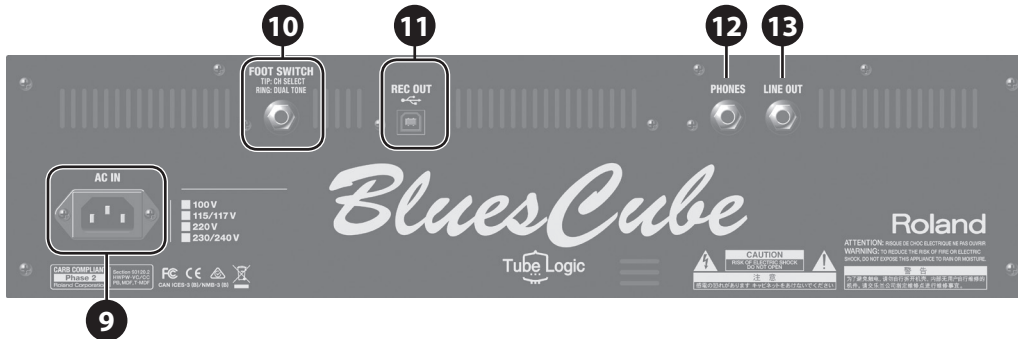
4. Adjust the volume levels for the devices.

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).

Rear Panel

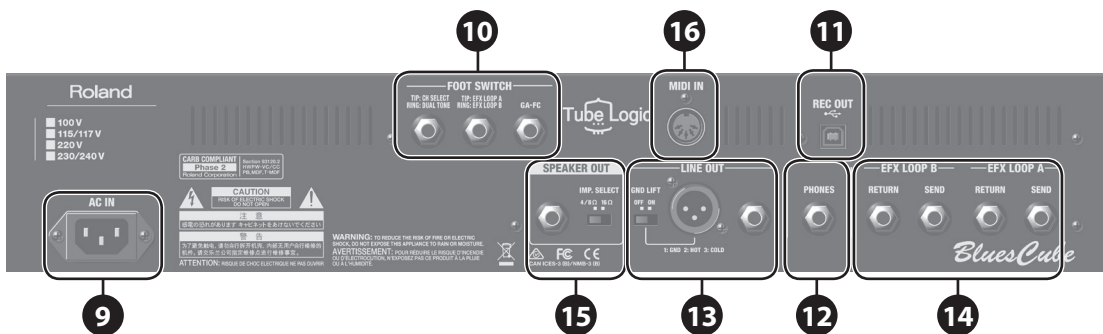
Blues Cube Stage



Blues Cube Artist



Blues Cube Tour



9 AC IN

AC IN jack

Connect the included power cord.

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

10 FOOT SWITCH

TIP: CH SELECT RING: DUAL TONE jack

If a footswitch (sold separately: BOSS FS-6, FS-7, or FS-5L) is connected, you can use it to switch between the CLEAN/CRUNCH channels, or to turn DUAL TONE (p. 6) on/off.

For detail, refer to "Connecting a Footswitch (FS-6/FS-7/FS-5L)" (p. 10).

TIP: TREMOLO RING: EFX LOOP jack Artist only

If a footswitch (sold separately: BOSS FS-6, FS-7, or FS-5L) is connected, you can use it to turn the tremolo effect on/off or to turn on/off the effect of the unit that's connected to the effect loop.

For detail, refer to "Connecting a Footswitch (FS-6/FS-7/FS-5L)" (p. 10).

TIP: EFX LOOP A: EFX LOOP B jack Tour only

If a footswitch (sold separately: BOSS FS-6, FS-7, or FS-5L) is connected, you can use it to turn on/off the effect of the unit that's connected to the Effect Loop A/B.

For detail, refer to "Connecting a Footswitch (FS-6/FS-7/FS-5L)" (p. 10).

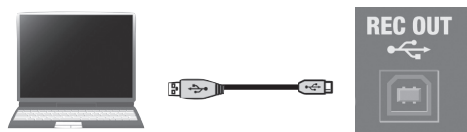
GA-FC jack Artist/Tour only

You can connect a separately sold Roland GA-FC and use it to switch channels or turn DUAL TONE, TREMOLO, and EFX LOOP on/off (TREMOLO is available on the Blues Cube Artist only).

For detail, refer to "Connecting a GA Foot Controller (sold separately: GA-FC)" (p. 10).

11 REC OUT port

You can use a commercially available USB 2.0 cable to record the sound of the Blues Cube into your computer.



You must install the USB driver before 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.

<http://www.roland.com/support/>

12 PHONES jack

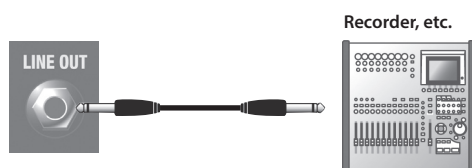
Connect headphones here. You can obtain powerful guitar sounds just as if you were playing through the speaker. To adjust the volume, use the [VOLUME] knob of the CLEAN channel or the CRUNCH channel, along with the [MASTER] knob.

- * If a plug is inserted in this jack, no sound will be output from the Blues Cube'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 LINE OUT

LINE OUT jack

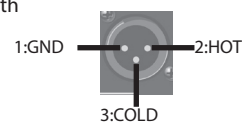
Connect this to your PA system or recorder. You can obtain powerful guitar amp sound just as if you were playing through the speaker.



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 Blues Cube's speaker.

Adjust the output level using the [VOLUME] knob of the CLEAN channel or the CRUNCH channel.

- * The Blues Cube Tour is equipped with balanced (XLR) type jacks. Wiring diagrams for these jacks are shown below. Make connections after first checking the wiring diagrams of other equipment you intend to connect.



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

[GND LIFT] switch Tour only

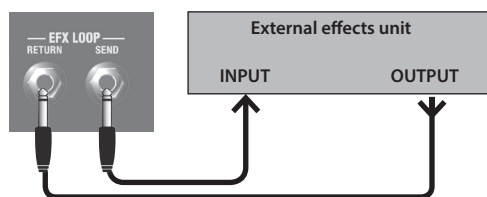
Loop hum noise may occur when other external devices are connected to the Blues Cube Tour. In such instances, you may be able to mitigate the problem by switching the position of the [GND LIFT] switch. The [GND LIFT] switch should be normally set to OFF.

Switch	Description
ON	Pin 1 is disconnected from the Blues Cube Tour's ground.
OFF	Pin 1 connects to the Blues Cube Tour's ground.

14 EFX LOOP SEND/RETURN jacks Artist/Tour 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.



- * Artist only The EFX LOOP of the Blues Cube Artist is a series loop. If the volume of your external effect device is turned down or if it is powered-off, there will be no sound.
- * Tour only On the Blues Cube Tour, you can press the front panel [EFX LOOP A/EFX LOOP B] buttons simultaneously to switch between a series loop and a parallel loop (which mixes the guitar sound of this unit with the sound of your external effect device).

15 SPEAKER OUT jack Tour only

Connect a speaker box (separately sold; e.g., the BC-CAB410).

- * Only use speaker cable to connect the speaker. Do not use any shielded cable designed for use with guitars.

[IMP. SELECT] (Impedance Select) switch

Make settings as appropriate for the specifications of the speaker box that you connect. For details, refer to the owner's manual of your speaker box.

If you connect the BC-CAB410 (separately sold), set this to 4 Ω.



16 MIDI IN jack Tour only

You can control the Blues Cube Tour from a multi-effect unit or a MIDI foot controller.

English

日本語

Deutsch

Français

Italiano

Español

Português

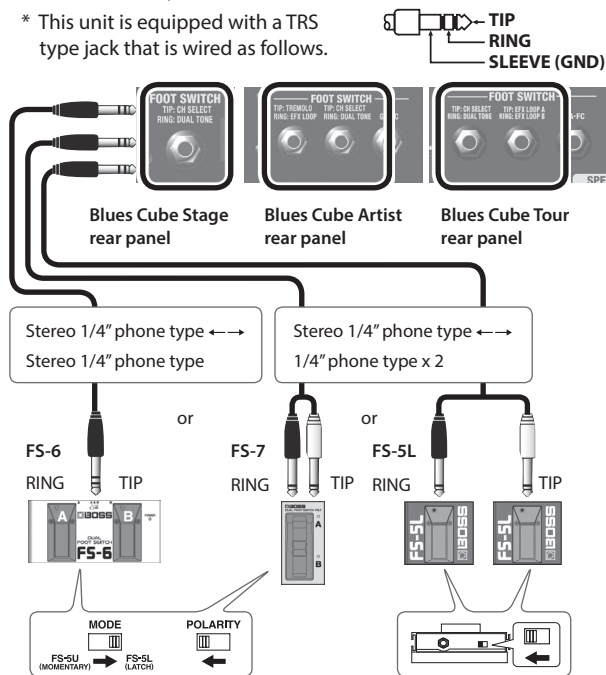
Nederlands

Using a Footswitch / Foot Controller

Connecting a Footswitch (FS-6/FS-7/FS-5L)

If you connect a footswitch (separately sold: BOSS FS-6, FS-7, or FS-5L), you can use it to switch channels or turn DUAL TONE (p. 6) on/off. On the Blues Cube Artist, you can additionally use a footswitch to turn the tremolo effect on/off and to turn the EFX LOOP on/off with your foot.

* This unit is equipped with a TRS type jack that is wired as follows.



* The Blues Cube 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.

When connected to the TIP: CH SELECT RING: DUAL TONE jack

Switch	Explanation
TIP CH SELECT	Switches between the CLEAN channel and the CRUNCH channel.
RING DUAL TONE	Switches DUAL TONE (p. 6) on/off.

When connected to the TIP: TREMOLO RING: EFX LOOP jack

Artist only

Switch	Explanation
TIP TREMOLO	Turns the tremolo effect on/off.
RING EFX LOOP	Turns the EFX LOOP on/off.

When connected to the TIP: TREMOLO RING: EFX LOOP jack

Tour only

Switch	Explanation
TIP EFX LOOP A	Turns the EFX LOOP A on/off.
RING EFX LOOP B	Turns the EFX LOOP B on/off.

Connecting a GA Foot Controller (sold separately: GA-FC)

Artist/Tour only

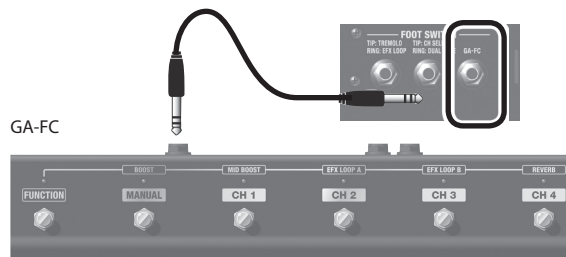
You can connect the separately sold Roland GA-FC to switch channels and turn effects on/off.

Connecting the GA-FC

Connect a stereo cable to the FOOT SWITCH GA-FC jack.

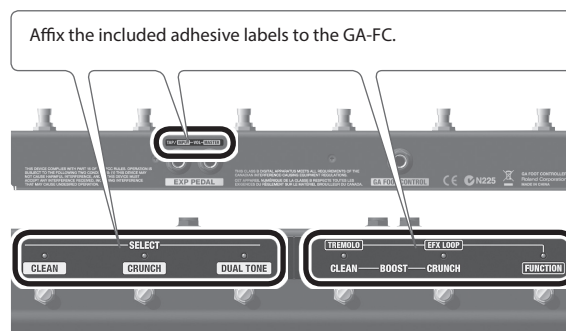
* Always use a stereo cable.

* Use cables that do not contain resistors.



Using the GA-FC

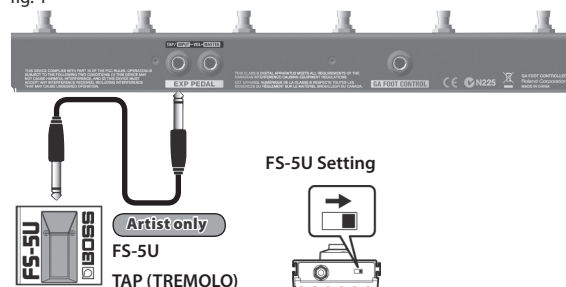
You can use the GA-FC to switch between CLEAN, CRUNCH, and DUAL TONE. You can also switch TREMOLO and EFX LOOP on/off.



Blues Cube Artist

Switch	Explanation
CLEAN	Switches to the CLEAN channel.
CRUNCH	Switches to the CRUNCH channel.
DUAL TONE	Turns the DUAL TONE on.
CLEAN-BOOST	Turns the CLEAN channel's BOOST on/off on.
CRUNCH-BOOST	Turns the CRUNCH channel's BOOST on/off on.
FUNCTION → TREMOLO	Turns the TREMOLO on/off.
FUNCTION → EFX LOOP	Turns the EFX LOOP on/off.
FS-5U (TAP/INPUT jack)	Specifies the rate of the tremolo effect (TAP). (*fig. 1)

fig. 1



Blues Cube Tour

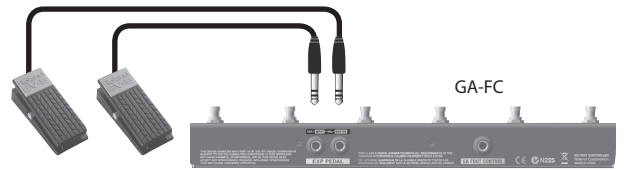
Switch	Explanation
CLEAN	Switches to the CLEAN channel.
CRUNCH	Switches to the CRUNCH channel.
DUAL TONE	Turns the DUAL TONE on.
CLEAN-BOOST	Turns the CLEAN channel's BOOST on/off on.
CRUNCH-BOOST	Turns the CRUNCH channel's BOOST on/off on.
FUNCTION → EFX LOOP A	Turns the EFX LOOP A on/off.
FUNCTION → EFX LOOP B	Turns the EFX LOOP B on/off.

MEMO

If a footswitch (sold separately: BOSS FS-6, FS-7, or FS-5L) and a GA foot controller (sold separately: GA-FC) are both connected, footswitch operations take priority and GA foot controller operations are ignored.

Using the expression pedals

By connecting expression pedals (Roland EV-5, BOSS FV-500L, BOSS FV-500H; sold separately), you can change the input volume and master volume by pedal.

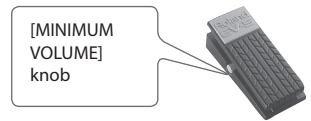


Expression Pedal

Jack	Explanation
INPUT VOL	Adjusts the input volume. * The input volume that is controlled by the expression pedal connected to this jack cannot be adjusted from the panel.
MASTER VOL	Adjusts the master volume. This lets you use volume changes as a performance technique, or to mute your instrument. * The master volume that is controlled by the expression pedal connected to this jack is different than that of the [MASTER] knob on the panel.

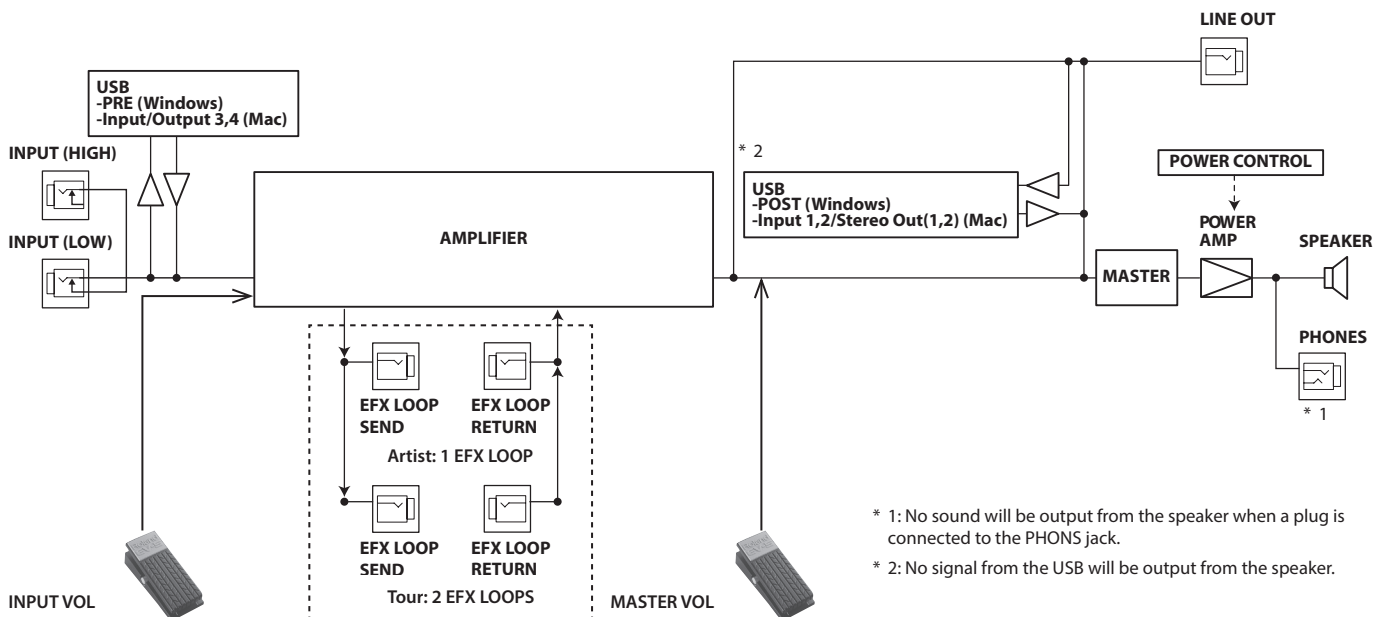
Setting MINIMUM VOLUME of an expression pedal

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).



* Use only the specified expression pedal (Roland EV-5, BOSS FV-500L, BOSS FV-500H; sold separately). By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.

Block Diagram



* 1: No sound will be output from the speaker when a plug is connected to the PHONES jack.
* 2: No signal from the USB will be output from the speaker.

Only when the foot controller is connected

Artist/Tour only

Only when the foot controller is connected

Artist/Tour only

Main Specifications

Roland Blues Cube Stage: Guitar Amplifier

Roland Blues Cube Artist: Guitar Amplifier

Roland Blues Cube Tour: Guitar Amplifier

	Blues Cube Stage	Blues Cube Artist	Blues Cube Tour
Rated Power Output	60 W	80 W	100 W
Nominal Input Level	INPUT HIGH: -10 dBu (1M Ω)		
	INPUT LOW: 0 dBu		
Speaker	–	EFX LOOP RETURN: -10 dBu	EFX LOOP RETURN A/B: -10 dBu
	30 cm (12 inches) x 1		
Controls	<p>[POWER] switch [DUAL TONE] switch [CH SELECT] switch</p> <p><CLEAN channel> [BOOST] button [TONE] button [VOLUME] knob</p> <p><CRUNCH channel> [BOOST] button [TONE] button [GAIN] knob [VOLUME] knob</p> <p><EQUALIZER> [BASS] knob [MIDDLE] knob [TREBLE] knob</p> <p><EFFECT> [REVERB] knob</p> <p>[MASTER] knob [POWER CONTROL] switch: 0.5 W, 15 W, 45 W, MAX</p>	<p>[POWER] switch [DUAL TONE] switch [CH SELECT] switch</p> <p><CLEAN channel> [BOOST] button [TONE] button [VOLUME] knob</p> <p><CRUNCH channel> [BOOST] button [TONE] button [GAIN] knob [VOLUME] knob</p> <p><EQUALIZER> [BASS] knob [MIDDLE] knob [TREBLE] knob</p> <p><EFFECT> [TAP] button [EFX LOOP] button [TREMOLO] knob [REVERB] knob</p> <p>[PRESENCE] knob [MASTER] knob [POWER CONTROL] switch: 0.5 W, 15 W, 45 W, MAX</p>	<p>[POWER] switch [DUAL TONE] switch [CH SELECT] switch</p> <p><CLEAN channel> [BOOST] button [TONE] button [VOLUME] knob</p> <p><EQUALIZER> (CLEAN channel) [BASS] knob [MIDDLE] knob [TREBLE] knob</p> <p><CRUNCH channel> [BOOST] button [TONE] button [GAIN] knob [VOLUME] knob</p> <p><EQUALIZER> (CRUNCH channel) [BASS] knob [MIDDLE] knob [TREBLE] knob</p> <p><EFFECT> [EFX LOOP A] button [EFX LOOP B] button [REVERB] knob</p> <p>[PRESENCE] knob [MASTER] knob [POWER CONTROL] switch: 0.5 W, 15 W, 45 W, MAX</p> <p>[IMP. SELECT] switch: 4Ω/8Ω, 16Ω [GND LIFT] switch</p>
Indicators	CLEAN CHANNEL BOOST TONE CRUNCH CHANNEL BOOST TONE POWER	CLEAN CHANNEL BOOST TONE CRUNCH CHANNEL BOOST TONE TAP EFFECT POWER	CLEAN CHANNEL BOOST TONE CRUNCH CHANNEL BOOST TONE EFX LOOP A/B POWER
Connectors	INPUT HIGH/LOW jack: 1/4-inch phone type LINE OUT jack: 1/4-inch phone type PHONES jack: Stereo 1/4-inch phone type FOOT SW (TIP: CH SELECT, RING: DUAL TONE) jack: 1/4-inch TRS phone type REC OUT \leftarrow port: USB type B AC IN jack	INPUT HIGH/LOW jack: 1/4-inch phone type LINE OUT jack: 1/4-inch phone type PHONES jack: Stereo 1/4-inch phone type FOOT SW (TIP: TREMOLO, RING: EFX LOOP) jack: 1/4-inch TRS phone type FOOT SW (TIP: CH SELECT, RING: DUAL TONE) jack: 1/4-inch TRS phone type FOOT SW (GA-FC): 1/4-inch TRS phone type EFX LOOP SEND jack: 1/4-inch phone type EFX LOOP RETURN jack: 1/4-inch phone type REC OUT \leftarrow port: USB type B AC IN jack	INPUT HIGH/LOW jack: 1/4-inch phone type LINE OUT jack: 1/4-inch phone type, XLR type PHONES jack: Stereo 1/4-inch phone type FOOT SW (TIP: CH SELECT, RING: DUAL TONE) jack: 1/4-inch TRS phone type FOOT SW (TIP: EFX LOOP A RING: EFX LOOP B) jack: 1/4-inch TRS phone type FOOT SW (GA-FC): 1/4-inch TRS phone type EFX LOOP A/B SEND jack: 1/4-inch phone type EFX LOOP A/B RETURN jack: 1/4-inch phone type REC OUT \leftarrow port: USB type B SPEAKER OUT jack: 1/4-inch phone type MIDI IN jack AC IN jack
Power Consumption	58 W	68 W	108 W
Dimensions	513 (W) x 244 (D) x 465 (H) mm 20-1/4 (W) x 9-5/8 (D) x 18-5/16 (H) inches	592 (W) x 260 (D) x 485 (H) mm 23-5/16 (W) x 10-1/4 (D) x 19-1/8 (H) inches	545 (W) x 233 (D) x 234 (H) mm 21-1/2 (W) x 9-3/16 (D) x 9-1/4 (H) inches
Weight	14 kg 30 lbs 14 oz	16 kg 35 lbs 5 oz	8 kg 17 lbs 11 oz
Accessories	Owner's manual Power cord	Owner's manual Power cord GA-FC sticker	Owner's manual Power cord Speaker Connection Cable GA-FC sticker
Options (sold separately)	Footswitch (BOSS FS-5L, BOSS FS-6, FS-7)	Footswitch (BOSS FS-5L, BOSS FS-6, FS-7) GA Foot Controller (GA-FC)	

* 0 dBu = 0.775 Vrms

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

For EU Countries



- UK** 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.
- DE** Dieses Symbol bedeutet, dass dieses Produkt in EU-Ländern getrennt vom Hausmüll gesammelt werden muss gemäß den regionalen Bestimmungen. Mit diesem Symbol gekennzeichnete Produkte dürfen nicht zusammen mit dem Hausmüll entsorgt werden.
- FR** Ce symbole indique que dans les pays de l'Union européenne, ce produit doit être collecté séparément des ordures ménagères selon les directives en vigueur dans chacun de ces pays. Les produits portant ce symbole ne doivent pas être mis au rebut avec les ordures ménagères.
- IT** Questo simbolo indica che nei paesi della Comunità europea questo prodotto deve essere smaltito separatamente dai normali rifiuti domestici, secondo la legislazione in vigore in ciascun paese. I prodotti che riportano questo simbolo non devono essere smaltiti insieme ai rifiuti domestici. Ai sensi dell'art. 13 del D.Lgs. 25 luglio 2005 n. 151.
- ES** Este símbolo indica que en los países de la Unión Europea este producto debe recogerse aparte de los residuos domésticos, tal como está regulado en cada zona. Los productos con este símbolo no se deben depositar con los residuos domésticos.
- PT** Este símbolo indica que nos países da UE, a recolha deste produto deverá ser feita separadamente do lixo doméstico, de acordo com os regulamentos de cada região. Os produtos que apresentem este símbolo não deverão ser eliminados juntamente com o lixo doméstico.
- NL** Dit symbool geeft aan dat in landen van de EU dit product gescheiden van huishoudelijk afval moet worden aangeboden, zoals bepaald per gemeente of regio. Producten die van dit symbool zijn voorzien, mogen niet samen met huishoudelijk afval worden verwijderd.
- DK** Dette symbol angiver, at i EU-lande skal dette produkt opsamles adskilt fra husholdningsaffald, som defineret i hver enkelt region. Produkter med dette symbol må ikke smides ud sammen med husholdningsaffald.
- NO** Dette symbolet indikerer at produktet må behandles som spesialavfall i EU-land, iht. til retningslinjer for den enkelte regionen, og ikke kastes sammen med vanlig husholdningsavfall. Produkter som er merket med dette symbolet, må ikke kastes sammen med vanlig husholdningsavfall.

- SE** Symbolen anger att i EU-länder måste den här produkten kasseras separat från hushållsavfall, i enlighet med varje regions bestämmelser. Produkter med den här symbolen får inte kasseras tillsammans med hushållsavfall.
- FI** Tämä merkintä ilmaisee, että tuote on EU-maissa kerättävä erillään kotitalousjätteistä kunkin alueen voimassa olevien määräysten mukaisesti. Tällä merkinnällä varustettuja tuotteita ei saa hävittää kotitalousjätteiden mukana.
- HU** Ez a szimbólum azt jelenti, hogy az Európai Unióban ezt a terméket a háztartási hulladéktól elkülönítve, az adott régióban érvényes szabályozás szerint kell gyűjteni. Az ezzel a szimbóllal ellátott termékeket nem szabad a háztartási hulladék közé dobni.
- PL** Symbol oznacza, że zgodnie z regulacjami w odpowiednim regionie, w krajach UE produktu nie należy wyrzucać z odpadami domowymi. Produktów opatrzonych tym symbolem nie można utylizować razem z odpadami domowymi.
- CZ** Tento symbol udává, že v zemích EU musí být tento výrobek sbírán odděleně od domácího odpadu, jak je určeno pro každý region. Výrobky nesoucí tento symbol se nesmí vyhazovat spolu s domácím odpadem.
- SK** Tento symbol vyjadruje, že v krajinách EÚ sa musí zber tohto produktu vykonávať oddelene od domového odpadu, podľa nariadení platných v konkrétnej krajine. Produkty s týmto symbolom sa nesmú vyhazovať spolu s domovým odpadom.
- EE** See sümbol näitab, et EL-i maades tuleb see toode olemprügist eraldi koguda, nii nagu on igas piirkonnas määratletud. Selle sümboliga märgitud tooteid ei tohi ära visata koos olmeprügiga.
- LT** Šis simbolis rodo, kad ES šalyse šis produktas turi būti surenkamas atskirai nuo buitinių atliekų, kaip nustatyta kiekvienoje regione. Šiuo simboliu paženklinti produktai neturi būti išmetami kartu su buitiniomis atliekomis.
- LV** Šis simbols norāda, ka ES valstīs šo produktu jāievāc atsevišķi no mājsaimniecības atkritumiem, kā noteikts katrā reģionā. Produktus ar šo simbolu nedrīkst izmest kopā ar mājsaimniecības atkritumiem.
- SI** Ta simbol označuje, da je treba proizvod v državah EU zbirati ločeno od gospodinskih odpadkov, tako kot je določeno v vsaki regiji. Proizvoda s tem znakom ni dovoljeno odlagati skupaj z gospodinskimi odpadki.
- GR** Το σύμβολο αυτό υποδηλώνει ότι στις χώρες της Ε.Ε. το συγκεκριμένο προϊόν πρέπει να συλλέγεται χωριστά από τα υπόλοιπα οικιακά απορρίμματα, σύμφωνα με όσα προβλέπονται σε κάθε περιοχή. Τα προϊόντα που φέρουν το συγκεκριμένο σύμβολο δεν πρέπει να απορρίπτονται μαζί με τα οικιακά απορρίμματα.

For China

有关产品中所含有害物质的说明

本资料就本公司产品中所含的特定有害物质及其安全性予以说明。

本资料适用于 2007 年 3 月 1 日以后本公司所制造的产品。

环保使用期限



此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在自制造日起的规定期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。环保使用期限仅在遵照产品使用说明书，正确使用产品的条件下才有效。不当的使用，将会导致有害物质泄漏的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
外壳(壳体)	×	○	○	○	○	○
电子部件(印刷电路板等)	×	○	×	○	○	○
附件(电源线、交流适配器等)	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。
 ×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。
 因根据现有的技术水平，还没有什么物质能够代替它。

For the USA

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.

For Canada

CAN ICES-3 (B)/NMB-3 (B)

For Korea

사용자 안내문

기종별	사용자 안내문
B 급 기기 (가정용 방송통신기자재)	이 기기는 가정용(B 급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든지역에서 사용할 수 있습니다.

For C.A. US (Proposition 65)

WARNING

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



For the USA

DECLARATION OF CONFORMITY Compliance Information Statement

Model Name : BC-STAGE, BC-ARITIST, BC-TOUR
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

Blues Cube Tour MIDI IN

Tour only

RECOGNIZED RECEIVE DATA

RX CH		1 (fixed)	
OMNI		OFF (fixed)	
PC		1 (00H) : CLEAN	
		2 (01H) : CRUNCH	
		3 (02H) : DUAL	
		4 (03H) - 128 (7FH) : Ignored	
CC	#16	CLEAN BOOST SW	0 - 63 : OFF, 64 - 127 : ON
	#17	CLEANTONE SW	
	#18	CRUNCH BOOST SW	
	#19	CRUNCH TONE SW	
	#80	EFX LOOP A SW	
	#81	EFX LOOP B SW	
	#82	CH SELECT SW	0 - 63 : CLEAN, 64 - 127 : CRUNCH
#83	DUAL SW	0 - 63 : OFF, 64 - 127 : ON	

