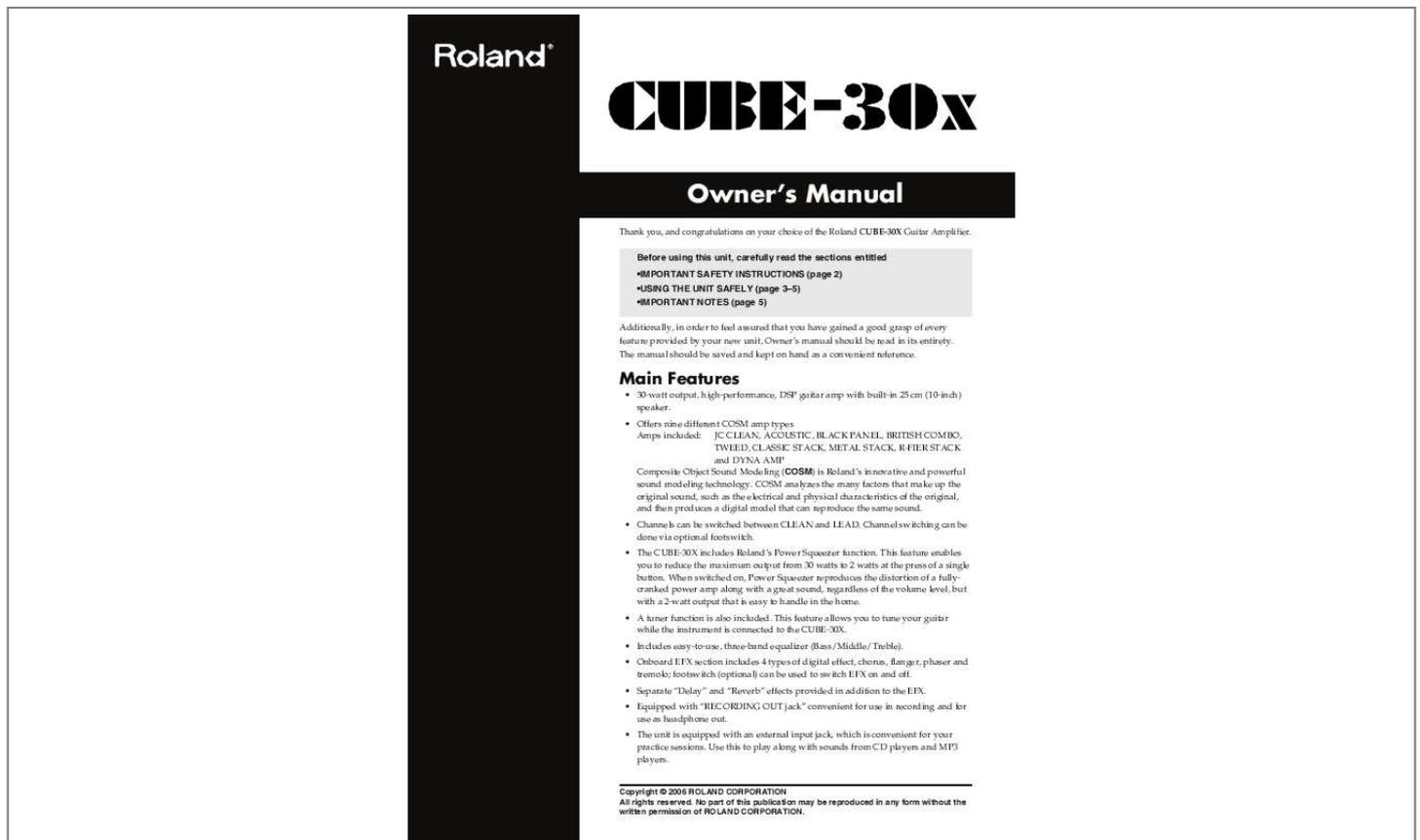# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ROLAND CUBE-30X. You'll find the answers to all your questions on the ROLAND CUBE-30X in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual ROLAND CUBE-30X
User guide ROLAND CUBE-30X
Operating instructions ROLAND CUBE-30X
Instructions for use ROLAND CUBE-30X
Instruction manual ROLAND CUBE-30X

Roland®

CUBE-30x

Owner's Manual

Thank you, and congratulations on your choice of the Roland **CUBE-30X** Guitar Amplifier.

Before using this unit, carefully read the sections entitled
- IMPORTANT SAFETY INSTRUCTIONS (page 2)
- USING THE UNIT SAFELY (page 3–5)
- IMPORTANT NOTES (page 5)

Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, Owner's manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

Main Features

- 30-watt output, high-performance, DSP guitar amp with built-in 25 cm (10-inch) speaker.

- Offers nine different COSM amp types
  Amps included: JC CLEAN, ACOUSTIC, BLACK PANEL, BRITISH COMBO, TWEED, CLASSIC STACK, METAL STACK, R-FIER STACK and DYNA AMP
  Composite Object Sound Modeling (**COSM**) is Roland's innovative and powerful sound modeling technology. COSM analyzes the many factors that make up the original sound, such as the electrical and physical characteristics of the original, and then produces a digital model that can reproduce the same sound.

- Channels can be switched between CLEAN and LEAD. Channel switching can be done via optional footswitch.

- The CUBE-30X includes Roland's Power Squeezer function. This feature enables you to reduce the maximum output from 30 watts to 2 watts at the press of a single button. When switched on, Power Squeezer reproduces the distortion of a fully-cranked power amp along with a great sound, regardless of the volume level, but with a 2-watt output that is easy to handle in the home.

- A tuner function is also included. This feature allows you to tune your guitar while the instrument is connected to the CUBE-30X.

- Includes easy-to-use, three-band equalizer (Bass/Middle/Treble).

- Onboard EFX section includes 4 types of digital effect, chorus, flanger, phaser and tremolo; footswitch (optional) can be used to switch EFX on and off.

- Separate "Delay" and "Reverb" effects provided in addition to the EFX.

- Equipped with "RECORDING OUT jack" convenient for use in recording and for use as headphone out.

- The unit is equipped with an external input jack, which is convenient for your practice sessions. Use this to play along with sounds from CD players and MP3 players.

Manual abstract:

· Channels can be switched between CLEAN and LEAD. Channel switching can be done via optional footswitch. · The CUBE-30X includes Roland's Power Squeezer function. This feature enables you to reduce the maximum output from 30 watts to 2 watts at the press of a single button. When switched on, Power Squeezer reproduces the distortion of a fullycranked power amp along with a great sound, regardless of the volume level, but with a 2-watt output that is easy to handle in the home. · A tuner function is also included. This feature allows you to tune your guitar while the instrument is connected to the CUBE-30X. · Includes easy-to-use, three-band equalizer (Bass/Middle/Treble). · Onboard EFX section includes 4 types of digital effect, chorus, flanger, phaser and tremolo; footswitch (optional) can be used to switch EFX on and off. · Separate "Delay" and "Reverb" effects provided in addition to the EFX. · Equipped with "RECORDING OUT jack" convenient for use in recording and for use as headphone out. · The unit is equipped with an external input jack, which is convenient for your practice sessions. Use this to play along with sounds from CD players and MP3 players. Copyright © 2006 ROLAND CORPORATION All rights reserved. No part of this publication may be reproduced in any form without the written permission of ROLAND CORPORATION.

IMPORTANT SAFETY INSTRUCTIONS 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. 2. 3. 4. 5. 6. 7. 8.

Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. Do not use this apparatus near water. Clean only with a dry cloth. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. @@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. @@10. @@11. Only use attachments/accessories specified by the manufacturer.
12. @@13. 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. 9.
For the U.K. IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE. 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 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. Under no circumstances must either of the above wires be connected to the earth terminal of a three pin plug. 2 USING THE UNIT SAFELY 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 furnishings, as well as to domestic animals or pets. 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 powercord plug must be unplugged from the outlet. 001 009 · Before using this unit, make sure to read the instructions below, and the Owner's Manual. .
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..... 002a · Do not open or perform any internal modifications on the unit. ....

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.. 003 · Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits. Damaged cords are fire and shock hazards! @@@@@@@@@@@@@@Never place it on stands that could wobble, or on inclined surfaces. @@@@@@@@To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference. 352a · Protect the unit from strong impact. (Do not drop it!) ...

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... 015 · This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers. 352b · Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords--the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through. ..

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.... 016 · 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.

354b · Before using the unit in a foreign country, consult with your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page. ..

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.... 026 · Do not expose the unit to direct sunlight, place it near devices that radi.
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.... 121 · Before moving the unit, disconnect the power plug from the outlet, and pull out all cords from external devices.
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...... · Do not remove the speaker grille and speaker by any means. Speaker not user replaceable. Shock hazardous voltages and currents are present inside the enclosure. IMPORTANT NOTES 291b In addition to the items listed under "IMPORTANT SAFETY INSTRUCTIONS" and "USING THE UNIT SAFELY" on pages 2, 3, 4 and 5, please read and observe the following: Power Supply 301 Additional Precautions 553 · Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter (such as a refrigerator, washing machine, microwave oven, or air conditioner),nt of effect applied.

The ON indicator lights up when EFX is turned on, and goes out when EFX is turned off. You can also turn EFX on and off using optional footswitches (BOSS FS-5U or FS-6). * Graduations for CHORUS, FLANGER, PHASER, TREMOLO on a panel are for reference. Be sure to check the sound as you adjust the effects. REVERB Turn the knob to adjust the reverb level. 13. POWER SQUEEZER Switch The switch lights in red when the power squeezer function is on; the switch is unlit when the power squeezer is off. Switching on the Power Squeezer function allows you to reduce the amp's output to 2 watts. Switching this on allows you to produce a sound that preserves the same tone and balance as when the amp is played at maximum volume, but at an output of 2 watts, for volume levels that are more suitable for the average home. * The Power Squeezer function affects only sounds input through the INPUT jack.

It has no effect on sounds input via the AUX IN jack. CHORUS In this effect, a slightly detuned sound is added to the original sound, giving the sound greater breadth and fullness. FLANGER This creates a flanging effect that creates a sort of spinning sensation with the sound. 7 Panel descriptions 14. AUX IN Jack You can connect a CD player, MP3 player or other kind of device and have it play along with your guitar.

This accepts a stereo miniature phone plug. However, the speaker and RECORDING OUT/PHONES output is monaural. * Determine the volume level by adjusting the volume control of the connected device. TUNING You can use "manual tuning," whereby you switch to each individual string to tune it separately, and "chromatic tuning," which automatically determines the closest pitch to that played by the string. Tuning in "Manual Mode" 1. Press the TUNER switch. 2. Use the Type switch to select the name of the string you want to tune, then play a single note on the open string. @@@Tune the string until the green indicator lights. @@@@@@@@@* This unit is equipped with a protection circuit. @@@@Refer to "Power Supply" (p. 5). @@@@2. Play a single note on the open string you want to tune. 3.

Tune the string until the green indicator lights. 8 Connections Refer to the figure shown below to connect the CUBE-30X to other equipment. fig.01-02 Footswitches If using a FS-6 switch, set the MODE and POLARITY switches as shown below. FS-6 FS-5U FS-5U FS-5U Recorder B A EFX SELECT EFX SELECT SELECT red white Stereo 1/4" phone plugs at both ends PCS-31 CD/MP3 player Electric Guitar Switching the Power On and Off Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing

malfunction and/or damage to speakers and other devices. 1. Make sure that all volume controls on the CUBE-30X and connected devices are set to 0. 2. Turn on all the devices connected to the CUBE-30X 's input jacks (INPUT jack and AUX IN jack).

3. Turn on the CUBE-30X. 4. Switch on any equipment connected to the CUBE-30X's RECORDING OUT/PHONES jack. 5.

*Adjust the volume levels for the devices. 6. 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. * This unit is equipped with a protection circuit. @@For protection from sudden big sound, always make sure to have the volume level turned down before switching on power.*

Even with the volume all the way down, you may still hear some sound when the power is switched on and off, but this is normal, and does not indicate a malfunction. 945 @@Refer to "Power Supply" (p. @@@@@@@@Used with a humbucking pickup in the rear position, it results in an extreme distortion effect. Plus, you can add a long delay to use this as a lead sound with great sustain. SELECT : LEAD Adding a short delay produces a doubling sound like that from two performers playing the same phrases simultaneously. Space Clean This is a transparent sound using spacial effects. Select the JC CLEAN amp, modeled on the Roland JC-120, then add chorus and long delay. Using this setting with a guitar equipped with single coil pickups makes great sounding arpeggios and chord strumming. Depending on the phrase being played, it can be effective to set the delay sound's delay time slightly slower than the phrase's tempo. SELECT: JC CLEAN Classic Rock This is a 70s-style rock sound.

Turning up the gain produces a powerful rock sound in all riffs and solos. A powerful low end is a characteristic of the sound emitted by the surfaces of the cabinet, so you can turn up the equalizer knobs, especially the BASS knob, and increase to produce a sound with great punch. @@@@@@@@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.

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