

Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (supplied on a separate sheet). After reading, keep the document(s) where it will be available for

Main Features

Panel Descriptions

- The AD-2 is a preamp designed specifically for acoustic-electric guitars.
- It is equipped with an ACOUSTIC RESONANCE knob that adds the natural resonance of an acoustic guitar that's often lost by the pickup of an acoustic-electric guitar, an AMBIENCE knob that adds rich reverberation, and a NOTCH knob that suppresses acoustic feedback.
- The AD-2 provides a LINE OUT jack (1/4-inch TRS phone type) that can output with optimal audio quality to a mixer or recorder. This can also be used as a balanced-output direct box.

CHECK indicator DC IN jack This indicator shows whether the effect is on or off, and also doubles as the battery check Accepts connection of an AC Adaptor (PSA series; optional). By using an AC Adaptor, you can play without ndicator. The indicator lights when the effect is on. being concerned about how much battery power you have left. This blinks when the output is muted. * Use only the specified AC adaptor (PSA series; sold separately), and connect it to an AC outlet of the correct voltage. Do not use any other AC adaptor, since this may cause malfunction If you're powering the unit with a battery and the CHECK indicator goes dim or doesn't light at all—when you try to turn the effect on, the battery is near depletion and should be * If the AC adaptor is connected while a battery is installed, the power supply replaced. For instructions on changing the battery, refer to "Changing the Battery." AC Adaptor (PSA series: optional) * We recommend that you keep batteries installed in the unit even though you'll be powering it with the AC adaptor. That way, you'll be able to continue a performance even if the cord of the AC adaptor gets accidentally ACOUSTIC RESONANCE knob Adjusts the amount of resonance, adding the natural resonance that is **AMBIENCE** knob characteristic of an acoustic guitar. Adjusts the depth of reverberation (ambience). NOTCH knob Suppresses acoustic feedback by cutting a specific frequency region. Normally you should leave this in the "OFF" position. If acoustic feedback occurs, ← OUTPUT ← LINE OUT INPUT ← turn the knob to find the frequency at which feedback is reduced. **OUTPUT** jack Acoustic Connect this output lack to an amp that's Preamp designed for acoustic-electric guitars AD-5 **INPUT** jack Acoustic-electric guitar Acoustic-electric guitar amplifier This jack accepts signals coming from an 15 **12 15 15** acoustic-electric guitar.

Precautions When Connecting

This is a balanced (TRS) type output jack. Connect it to your mixer or recorder

* Pin assignment of the LINE OUT jack

* This cannot be used as a headphone jack.

LINE OUT jack

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

TIP: HOT
RING: COLD
SLEEVE: GND

3: COLD

 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.

When powering up: Turn on the power to your amp last. Turn off the power to your amp first. When powering down:

• Immediately after the unit is powered-on, the effect is on.

Use of Battery

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Recorder

• A battery was installed in the unit before it left the factory. The life

Thumbscrew

the Battery."

When this screw is loosened, the

pedal will open, allowing you to change the battery.

For instructions on changing

the battery, refer to "Changing

- If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" and
- become dim when battery power gets too low. Replace the battery as soon as possible
- 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.

of this battery may be limited, however, since its primary purpose was to enable testing.

- "IMPORTANT NOTES" (supplied on a separate sheet). • When operating on battery power only, the unit's indicator will
- Before turning the unit on/off, always be sure to turn the volume
- If operating this unit on batteries, please use alkaline batteries.

Outputting the reverberation (ambience) only to the OUTPUT jack

If you want to process the reverberation on your mixer, you can output the reverberant sound only from the OUTPUT jack; the

1. While holding down the pedal, turn on the power and continue holding down the pedal.

The CHECK indicator is lit

2. Turn the AMBIENCE knob to specify the setting.

is output only from the OUTPUT jack (the checl indicator blinks)



is output from both the OUTPUT jack and the LINE OUT jack (the che indicator blinks rapidly)

3. Release the pedal to complete the setting.

Changing the Battery

- 1. Hold down the pedal and loosen the thumbscrew, then open the pedal upward.
- * The pedal can be opened without detaching the thumbscrew completely.
- Pedal **Battery Snap** Cord Guide Bush 60 Battery Snap **Battery Housing** 9 V Battery
- 2. Remove the old battery from the battery housing, and remove the snap cord connected to it.
- 3. Connect the snap cord to the new battery, and place the battery inside the battery housing.
- * Be sure to carefully observe the battery's polarity (+ versus -).
- 4. Slip the coil spring onto the spring base on the back of the pedal, and then close the pedal.
- Carefully avoid getting the snap cord caught in the pedal, coil
- 5. Finally, insert the thumbscrew into the guide bush hole and fasten it securely.

Main Specifications

Pedal switch

This switch turns the effect on/off.

convenient when tuning your instrument.

using the effects unit.

If you hold down the pedal switch for two seconds or longer, the CHECK indicator

blinks and the output sound is muted. Press once again to cancel muting. This is

Nominal Input Level	-20 dBu
Input Impedance	10 ΜΩ
Nominal Output Level	OUTPUT: -20 dBu LINE OUT: -20 dBu
Output Impedance	OUTPUT: 1 k Ω LINE OUT: 600 Ω
Recommended Load Impedance	OUTPUT: $10 \text{ k}\Omega$ or greater LINE OUT: 600Ω or greater
Power Supply	Alkaline battery (9 V, 6LR61)
	AC adaptor (PSA series: sold separately)
Current Draw	65 mA
	Expected battery life under continuous use: Alkaline: 5 hours These figures will vary depending on the actual conditions of use.
Dimensions	Alkaline: 5 hours These figures will vary depending on the
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Weight	Alkaline: 5 hours These figures will vary depending on the actual conditions of use. 73 (W) x 129 (D) x 59 (H) mm 2-7/8 (W) x 5-1/8 (D) x 2-3/8 (H) inches 420 g / 15 oz (including battery) Leaflet ("USING THE UNIT SAFELY," "IMPORTANT

The INPUT jack doubles as the power switch. Power to the unit is turned on when you plug into the INPUT jack; the power is turned off when the cable is unplugged. To prevent unnecessary battery consumption, be sure to disconnect the plug from the INPUT jack when not

- * 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.

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