



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 immediate reference.

Main Features

- The TR-2 is an effect that periodically changes only the volume of the sound. This means that the tone will not be altered with the TR-2.
- The Wave knob allows you to select very delicate changes in the volume, or more rapid and extreme ones—whatever you need.

Panel Descriptions

DC IN jack

Accepts connection of an AC Adaptor (PSA series; sold separately). By using an AC Adaptor, you can play without being concerned about how much battery power you have left.

- * 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 disconnected from the unit.
- * Use only the specified AC adaptor (PSA-series).
- * If the AC adaptor is connected while power is on, the power supply is drawn from the AC adaptor.



AC Adaptor
(PSA series; sold separately)

CHECK indicator

This indicator shows whether an effect is ON/OFF, and doubles as the Battery Check indicator. The indicator lights when an effect is ON.

- * If this indicator goes dim or no longer lights while an effect is ON, the battery is near exhaustion and should be replaced immediately.
- * The CHECK indicator shows whether the effect is on or off, and indicates the different functions. It does not indicate whether the power to the device is on or not.

RATE knob

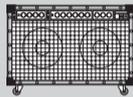
This adjusts the rate of the tremolo. The further you move the knob clockwise, the faster the rate becomes.

WAVE knob

This controls the waveform of the tremolo. You can go from smooth volume changes to more dramatic ones.

OUTPUT jack

Connect an amplifier to this jack.



Guitar Amplifier

Pedal Switch

This switch turns the effects ON/OFF.

Thumbscrew

When this screw is loosened, the pedal will open, allowing you to change the battery.

- * For instructions on changing the battery, refer to "Changing the Battery."

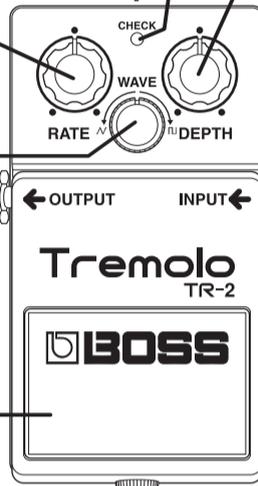
DEPTH knob

This adjusts the depth of the tremolo. When it is turned fully counterclockwise, no tremolo effect will be created.

INPUT jack

This jack accepts input signals (coming from a guitar, some other electric or electronic musical instrument, or another effects unit).

- * The INPUT jack doubles as 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. When not using the effects unit, be sure to disconnect the plug from the INPUT jack.

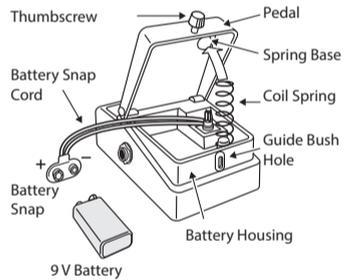


Connections

- * Inserting a plug into the INPUT Jack will automatically switch the unit on.
- * To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.
- * 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 disconnected from the unit.
- * 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 guitar amp last.
 - When powering down: Turn off the power to your guitar amp first.
- * 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.
- * When operating on battery power only, the unit's indicator will become dim when battery power gets too low. Replace the battery as soon as possible.
- * 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 "IMPORTANT NOTES" (supplied on a separate sheet).

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.
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 spring, and battery housing.
5. Finally, insert the thumbscrew into the guide bush hole and fasten it securely.



Main Specifications

BOSS TR-2: Tremolo

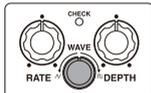
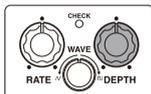
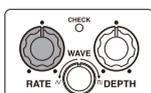
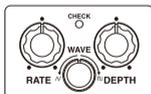
Nominal Input Level	-20 dBu
Input Impedance	1 MΩ
Nominal Output Level	-20 dBu
Output Impedance	1 kΩ
Recommended Load Impedance	10 kΩ or greater
Power Supply	DC9V: Dry battery 6F22 (9 V) type (carbon)/Dry battery 6LR61 (9 V) type (alkaline), AC Adaptor (PSA-series: optional)
Current Draw	20 mA (DC 9 V) * Expected battery life under continuous use: Carbon: 13 hours, Alkaline: 25 hours These figures will vary depending on the actual conditions of use.
Dimensions	73 (W) x 129 (D) x 59 (H) mm 2-7/8 (W) x 5-1/8 (D) x 2-3/8 (H) inches
Weight	400 g/ 15 oz (including battery)
Accessories	Owner's Manual, Dry Battery; 6F22/ 9 V (Carbon), Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information")
Options	AC Adaptor PSA-Series

* 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.

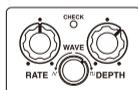
Operating the Unit

1. When you have made the necessary connections, set the knobs as shown in the illustration.
2. Depress the pedal switch to turn the effect on. (Make sure the CHECK indicator lights.)
3. Adjust the rate of the tremolo using the RATE knob.
4. Adjust the depth of the tremolo using the DEPTH knob.
5. Adjust the waveform of the tremolo using the WAVE knob.

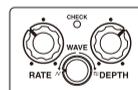


Setting Samples

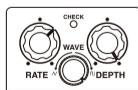
Vintage Tremolo



Electric Piano sound



Switching technique sound



Rotary Speaker sound

