



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.

Panel Descriptions

DC IN jack
In addition to 9-volt battery operation, this unit can also operate on a 9-volt AC adaptor (BOSS PSA series; sold separately).

- * Use only the specified AC adaptor (PSA series; sold separately), and connect it to an AC outlet of the correct voltage.
- * If the AC adaptor is connected while a battery is installed, the power supply is drawn from the AC adaptor.

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.

- * The brightness of the CHECK indicator (LED) will dim as the battery lowers. Replace the battery when the LED is dim or does not light. For instructions, refer to "Changing the Battery."
- * 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.

TONE/RATE knob / **DEPTH knob**
These knobs adjust the sound of the effect that's selected by TYPE and VARIATION.

GUITAR/BASS switch
This switch selects settings that are suitable for a guitar or a bass.

EFFECT knob
This knob adjusts the volume of the effect sound (synth sound).

VARIATION knob
This knob selects variations 1–11 of the sound selected by TYPE.

DIRECT knob
This knob adjusts the volume of the direct sound. If a device is connected to the SEND/RETURN jacks, this knob adjusts its volume.

TYPE knob
This knob switches the type of synth sound. (see the "List of Types" below)

SEND/RETURN jacks
Connect the SEND jack to the input, and RETURN jack to the output of an effect unit that you're using to process the audio signal of your guitar/bass.

INPUT jack
This jack accepts input signals coming from a guitar or bass.

- * The INPUT jack also serves as the power switch. Power is turned on whenever a plug is inserted into the INPUT jack, and is turned off when the plug is disconnected. When not using the unit, you should disconnect any cord connected to the INPUT jack.

OUTPUT jack
Use this 1/4" output jack to connect to the input of your guitar amplifier or the input of additional effect unit.

Pedal switch
This switch turns the effects ON/OFF.

SOUND HOLD function

- When you hear the effect sound (synth sound) that you want to hold, press the pedal switch once again and keep holding it down. The hold function stays on while you keep holding down the pedal switch, and the CHECK indicator blinks. You continue to hear the effect sound in this state.
- To turn off the hold function, take your foot off the pedal switch. The CHECK indicator turns on, and the unit is in the normal effect-on state.

- * If a footswitch is connected to the EXP/CTL jack, this function moves from this unit to the footswitch.

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."

EXP/CTL jack
You can connect an external footswitch (sold separately) or expression pedal (sold separately) to this jack. If a footswitch is connected, you can use the footswitch to operate the SOUND HOLD function. If a dual footswitch is connected, you can also control (in addition to the SOUND HOLD function) either the pitch or the tempo according to the sound that's selected by the knobs.

Pitch	The pitch rises one octave while you hold down the switch.
Tempo	You can enter the tempo by pressing the footswitch at the desired interval.

If an expression pedal is connected, you can use it to control the TONE/RATE effect. In this case, the position of the TONE/RATE knob is the maximum value of the expression pedal.

Mode and polarity switch settings for the footswitch

FS-5U

FS-6

FS-7

List of Types

TYPE	Explanation
LEAD 1/2	Sounds suitable for solo or lead.
PAD	Soft sounds that fill-in gaps between notes.
BASS	Bass synth sounds.
STR	Synth strings sounds.
ORGN	Organ sounds.
BELL	Sounds with metallic resonance.
SFX 1/2	Sound effects or distinctive sounds.
SEQ 1/2	Sounds whose pitch or character changes rhythmically.

Precautions When Connecting

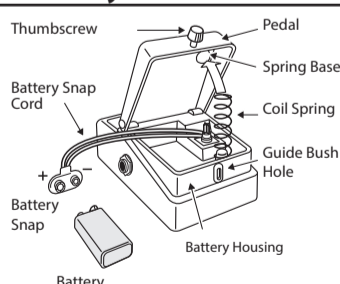
- * To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.
- * Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing 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.
- * Do not use connection cables that contain a built-in resistor.
- * Use only the specified expression pedal. By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.
- * You must turn off the power when connecting or disconnecting an external footswitch. If you connect or disconnect a footswitch while the power is on, the SOUND HOLD function might remain on, or might not work. If the SOUND HOLD function remains on or does not work, turn the power off and then on again.
- * When using this unit together with another effect unit, this unit must be connected at the beginning of the chain. If an effect-processed guitar or bass sound is input to this unit, it might not work correctly.

Use of Battery

- * The life of the included battery may be limited as its primary purpose was for testing during assembly.
- * 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).
- * 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.
- * Batteries should always be installed or replaced before connecting any other devices. This way, you can prevent malfunction and damage.
- * If operating this unit on battery, please use alkaline battery.

Changing the Battery

- Hold down the pedal and loosen the thumbscrew, then open the pedal upward.
 - * The pedal can be opened without detaching the thumbscrew completely.
- Remove the old battery from the battery housing, and remove the snap cord connected to it.
- 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 -).
- 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.
- Finally, hold down the pedal while tightening the thumbscrew into the guide bush hole.



Main Specifications

BOSS SY-1: Synthesizer	
Nominal Input Level	-20 dBu
Input Impedance	2.2 MΩ
Nominal Output Level	-20 dBu
Output Impedance	1 kΩ
Recommended Load Impedance	10 kΩ or greater
Power Supply	DC 9V: Alkaline battery (9V, 6LR61) AC adaptor (PSA series; sold separately)
Current Draw	85 mA * Expected battery life under continuous use: Alkaline battery: Approx. 3 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 (including battery)	450 g 1 lb
Accessories	Owner's Manual, Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information"), Alkaline battery (9V, 6LR61)
Option (sold separately)	AC adaptor (PSA-series) Footswitch: FS-5U Dual footswitch: FS-6, FS-7 Expression pedal: FV-500H, FV-500L, EV-30, Roland EV-5

- * 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.
- * Roland and BOSS are either registered trademarks or trademarks of Roland Corporation in the United States and/or other countries.

For the USA

**SUPPLIER'S DECLARATION OF CONFORMITY
Compliance Information Statement**

Model Name : SY-1
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