



Main Features

- This is an electronic percussion pad that you can strike with drumsticks or your hand, or step on with your foot.
- Audio files (wave data) that you create on your computer, such as drum sounds, sound effects, or songs, can be loaded into the unit and played.
- Separately from each wave file, you can prepare an audio file specially for a click sound and use it as a rhythm guide.
- The compact design won't get in your way, and you can attach the unit to a commercially available percussion holder for use.

Panel Descriptions

Top panel

Wave knob
Selects waves. Turn the knob to switch waves.

* Sound is not heard while you're switching sounds (while the indicator is blinking).

[PHONES] knob
Adjusts the volume of the headphones connected to the PHONES jack.

[MIX] knob
Adjusts the volume balance between the click sound and the wave heard from headphones.

Turning toward CLICK	Decreases the playback volume of the wave sound heard through headphones.
Turning toward MASTER	Decreases the volume of the click sound heard through headphones.

[MASTER] knob
Adjusts the volume that's output from the MASTER OUT (STEREO) jack.

[ALL SOUND OFF] button
Stops all currently playing sounds.

TRIG indicator
The indicator lights when you strike the pad, and also shows the power on/off status and the remaining battery capacity.

When power turns on	Blinking → Dimly lit
When power is on	Dimly lit
When switching waves / When loading audio files (busy)	Blinking
Pad strike	Lights when struck
Low battery	Remains blinking

Battery case (back side)
If using the unit on batteries, install four batteries, taking care to orient the batteries correctly.

* If the TRIG indicator stays blinking, the batteries are low. Install new batteries.

* 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 Leaflet "USING THE UNIT SAFELY" and "IMPORTANT NOTES."

Pad
To produce sound, use drumsticks or your hand to strike this, or step on it with your foot.

Rear panel

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

* Use only the specified AC adaptor (PSA-S 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.

* Insert the tip of the plug all the way into the jack.

* If the AC adaptor is connected while power is on, the power supply is drawn from the AC adaptor.

* 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.

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

* While the TRIG indicator is blinking, don't remove the batteries or the plug that's connected to the DC IN jack.

MASTER OUT (STEREO) jack
Connect your amplified speakers or mixer.

PHONES jack
A set of headphones can be connected to this jack.

[POWER] switch
This turns the power on/off.

* 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.

Side panel

[SENS] knob
Adjusts the sensitivity (SENSITIVITY) of the pad.

Turning left	Lowers the sensitivity.
Turning right	Raises the sensitivity. (Even soft strikes produce loud sound)

[THRES] knob
Adjusts the minimum sensitivity (THRESHOLD) of the pad so that it responds only when struck with at least a certain amount of force.

* For details on how to adjust this, refer to "Tips for Use."

USB cable (micro-B type)
Use a micro-USB cable to connect this unit to your computer. This allows audio files to be loaded from the computer into this unit.

If you hold down the [ALL SOUND OFF] button while connecting this unit to your computer, MIDI data is transmitted and received.

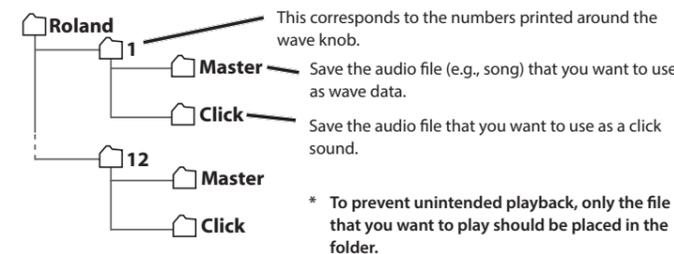
* Take care that your strikes do not damage the cable.

* Do not use a micro USB cable that is designed only for charging a device. Charge-only cables cannot transmit data.

Preparing Wave Data

Here's how audio files from your computer can be imported as wave data.
* Use a micro-USB cable to connect this unit to your computer.

- 1. Prepare the audio files that you want to load into this unit.**
Audio files that can be played back by this unit (WAV format files, 44.1 kHz, 16-bit)
- 2. Copy the audio files into the Roland folder shown locally on your computer screen.**



* The audio file placed in the Click folder is not output from the MASTER OUT (STEREO) jack.

MEMO

Since the wave and click sounds are played back simultaneously, you can provide a click sound and use that click sound as a rhythm guide while you perform on the drums along with (in synchronization with) the playback of the wave sound.

If you want to layer sounds to create more complexity, refer to "Supplement" manual from the following URL.
<http://www.roland.com/manuals/>

- 3. Specify how the wave is played.**

By using your computer to edit the names of the audio files you copy in step 2, you can specify how each file is played.

* If you don't specify how a file should be played, it automatically uses ONE-SHOT POLY playback.

Play type	File name	Explanation
ONE-SHOT POLY	XXX_p.wav	When you strike the pad repeatedly, new notes are overlaid with previous notes.
ONE-SHOT MONO	XXX_m.wav	When you strike the pad, the new note silences and replaces the previous note. Sounds are not layered.
PHRASE ALT	XXX_ph.wav	Strike the pad to play back, and strike again to stop. This is ideal if you want to play/stop a song.
LOOP ALT	XXX_l.wav	The wave plays repeatedly. When you strike the pad, the wave plays repeatedly until you strike the pad once again.

- * For ONE-SHOT POLY / ONE-SHOT POLY MONO, the volume changes according to the force of your strike.
- * For PHRASE ALT/ LOOP ALT, the minimum sensitivity is automatically set to the optimal value for preventing inadvertent triggering.

- 4. End the connection between this unit and your computer.**

* Be sure to end the connection with your computer before unplugging the micro-USB cable. Unplugging the cable while your computer is processing data might cause the data to be damaged.

Tips for Use

- If you switch between striking the pad with drumsticks and striking it with your hand or foot, you'll need to adjust the pad's sensitivity.

Striking with a drumstick	Lower the sensitivity
Using your hand or foot	Raises the sensitivity

- In an environment where there is high-volume sound, such as if you're using acoustic drums, sound or vibration from an external source might make this unit produce sound even if it's not struck. The measures below can help prevent false triggering.
 - Adjust the position and angle at which the percussion holder is mounted so that the unit is kept at a distance from the source of the vibration.
 - Raises the minimum sensitivity (THRESHOLD) of the pad.

Mounting This Unit on the Stand

If you want to mount this unit on a cymbal stand etc. for use, install the included attachment and then secure it to a commercially available percussion holder.

- 1. Install the included attachment on this unit.**

You can orient the attachment so that the unit can be installed on either side of the percussion holder. Attach the holder mounting screws (nut, bolt, washers) to the attachment, and use the two included attachment screws to secure it.

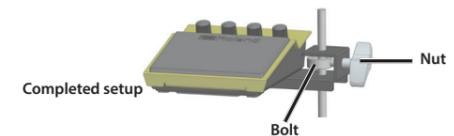


- 2. Attach a commercially available percussion holder where you want to mount the unit (e.g., on a cymbal stand).**

* Acceptable rod diameters: 8.0–12.7 mm (3/8-1/2 inch)

- 3. Secure the unit to the percussion holder.**

Pass the rod of the percussion holder through the hole in the bolt, and secure it with the nut.



Using the Cord Hook

As shown in the illustration, use the cord hook to secure the AC adaptor. This prevents the plug from being inadvertently disconnected by contact with a drumstick or by an impact.



Troubleshooting

Problems	Action
No sound	Check the power ([POWER] switch) and volume ([MASTER] / [PHONES] / [MIX] knobs). If the TRIG indicator continues blinking rapidly, a memory error has occurred. Contact your dealer or a Roland customer service center. Is the audio file imported from your computer in the correct location? Check the procedure described in "Preparing Wave Data."
No response to soft strikes	Lowers the minimum sensitivity (THRESHOLD) of the pad.
No Sound from external audio source connected to the MASTER OUT (STEREO) jack	Check the power and volume of the amplified speakers that you've connected. The connected cable might be broken. Use a different cable.

Main Specifications

Roland SPD::ONE WAV PAD (SPD-1W): Electronic Percussion Pad

Expected battery life under continuous use	Rechargeable Ni-MH battery (AA, HR6)	Approx. 7 hours (Normal use) Approx. 4 hours (Maximum load use)
	Alkaline battery (AA, LR6)	Approx. 6 hours (Normal use) Approx. 3 hours (Maximum load use)
Dimensions	* These can vary depending on the specifications of the batteries, capacity of the batteries, and the conditions of use.	
Weight	140 (W) x 160 (D) x 56 (H) mm (excluding attachment)	5-9/16 (W) x 6-5/16 (D) x 2-1/4 (H) inches
Accessories	900 g (including batteries, excluding attachment)	2 lb
Options (sold separately)	Owner's Manual (this document), Leaflet "USING THE UNIT SAFELY," Attachment, Attachment screws x 2, Holder mounting screws (nut x 1, bolt x 1, washers x 2), Alkaline batteries (AA, LR6) x 4	
	AC adaptor (PSA-S series), USB cable (micro-B type)	

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.