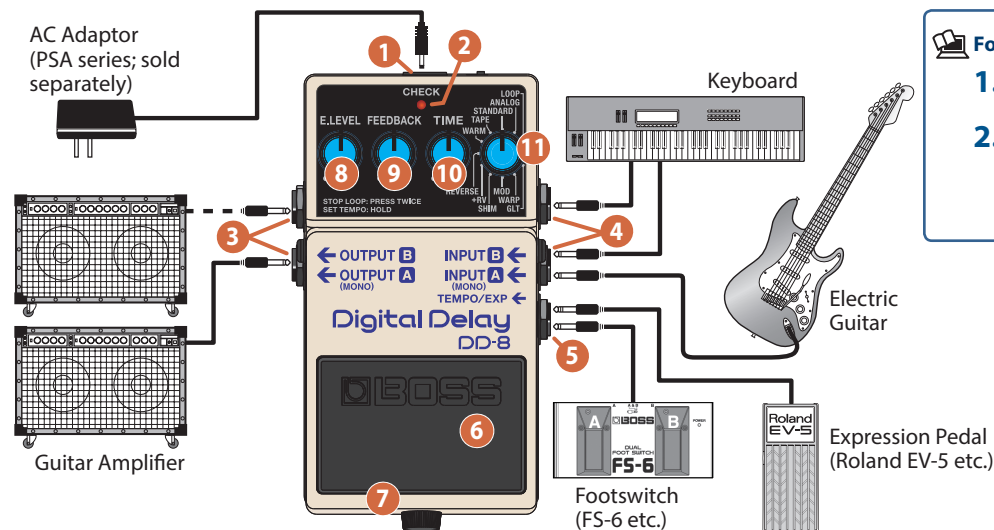


* Before using this unit, carefully read the sections entitled: “USING THE UNIT SAFELY” and “IMPORTANT NOTES” (supplied on a separate sheet). After reading, keep the document(s) where it will be available for immediate reference.

Panel Descriptions



For more information, refer to “Reference Manual” (PDF).

1. Access the following URL.
<http://www.boss.info/manuals/>
2. Choose “DD-8” as the product name.



No.	Name	Explanation
1	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. * If there are batteries in the unit while an AC adaptor is being used, normal operation will continue should the line voltage be interrupted (power blackout or power cord disconnection). * 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.
2	CHECK indicator	This is a combination indicator, which indicates whether the effect is on or off, indicates the various functions, and functions 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, or when the functions are indicated, the battery is near exhaustion and should be replaced immediately. For instructions on changing the batteries, 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.
3	OUTPUT-A (MONO) jack, OUTPUT-B jack	Connect an amplifier to this jack. * The function differs depending on the mode or connections.
4	INPUT-A (MONO) jack, INPUT-B jack	These jacks accept input signals (coming from a guitar, some other musical instrument, or another effects unit). * The function differs depending on the mode or connections. Turning the power on/off * The INPUT-A (MONO) and INPUT-B jacks double as power switches. Power to the unit is turned on when you plug into the INPUT-A (MONO) or INPUT-B jack; the power is turned off when the cable is unplugged. Be sure to disconnect any cord plugged into the INPUT-A (MONO) or INPUT-B jack when not using this effects device.
5	TEMPO/EXP jack	This jack is for connecting a footswitch (FS-5U, FS-6, FS-7; sold separately) or an expression pedal (Roland EV-5, BOSS FV-500H, FV-500L, EV-30; sold separately). This jack lets you use a footswitch to set the tempo, control the loop, or turn TWIST on/off, or use an expression pedal to control various parameters. * Use only the specified expression pedal. By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.

No.	Name	Explanation
6	Pedal switch	This is used for switching the effect on and off, and for switching between the different functions.
7	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.”
8	[E.LEVEL] knob	This adjusts the volume of the effect sound. Turn the knob clockwise to increase the effect sound. When set at the three o'clock position, the effect is played at the same volume as the direct sound. * When the [E.LEVEL] knob is set to MAX while in REVERSE mode, only the effect sound is output, with the effect sound at the same level as the input sound.
9	[FEEDBACK] knob	This adjusts the feedback level. The number of times the delay sound is repeated increases as the knob is turned to the right. * This cannot be used in LOOP mode. * In GLT mode, this adjusts the depth of the GLT effect. * Oscillation may occur when the knob is set at certain positions.
10	[TIME] knob	This adjusts the delay time. Turning the knob clockwise lengthens the delay time. * This cannot be used in LOOP mode. * The delay times that can be set vary according to the position of the [MODE] knob.
11	[MODE] knob	This switches the delay effect.
12	[CARRYOVER] switch	This selects whether the delay sound remains (ON) or does not remain (OFF) when you turn off the effect.

Connections

- * To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.
- * Do not use connection cables that contain a built-in resistor.
- * 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.
- * 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.
- * When connecting a footswitch, you must turn off the power before connecting or disconnecting cables. Failure to observe this precaution will cause malfunctions.

Operating the Unit

1. Turn on the effect.

After you have finished making the connections, press the pedal switch to turn the effect on (the CHECK indicator lights red).

* When in LOOP mode, the effect cannot be switched on or off.

* You can obtain a variety of different delay effects by changing how the connections are made. For more information, refer to “Reference Manual” (PDF).

2. Use the [MODE] knob to select the mode.

MODE knob	Explanation	Delay time
STANDARD	Clear digital delay.	20–800 ms
ANALOG	Mild analog delay.	20–800 ms
TAPE	Sound with the modulation that is distinctive of a tape echo unit.	20–800 ms
WARM	Mild digital delay.	20–800 ms
REVERSE	Delay played backward.	300–5000 ms
+RV	Delay with reverb.	20–800 ms
SHIM	Delay with pitch-shifted sound added.	200–800 ms
MOD	Digital delay with modulation.	20–800 ms
WARP	Creates a dreamlike sound.	20–800 ms
GLT	Creates a machine-gun-like sound. The effect is applied while you hold down the pedal switch.	10–400 ms
LOOP	Records your performance, and repeatedly plays it back.	40 sec. *1

*1: The maximum recording time is 20 seconds for stereo input or 40 seconds for mono input.

* If you specify the long delay output setting, the delay time is doubled.

3. Adjust the delay time with the [TIME] knob.

4. Adjust the amount of feedback with the [FEEDBACK] knob.

* Oscillation may occur with certain input sounds, or when the knob is set at certain positions.

5. Adjust the volume of the effect sound with the [E.LEVEL] knob.

Using the LOOP (Overdubbing) Function

With the LOOP function, you can record up to 40 seconds of your performance, and then have that content played back repeatedly. You can also layer this as you perform something else, then record these together (overdub).

1. Select LOOP.

Set the MODE knob to LOOP (the CHECK indicator goes out).

2. Begin recording.

Recording starts when you press the pedal switch (the CHECK indicator flashes red).

* The maximum recording time is 20 seconds for stereo input or 40 seconds for mono input.

* Recording continues even if you release the pedal switch.

3. Stop recording → start playback.

When in the recording state, press the pedal switch to stop recording and transition to playback (the CHECK indicator is lit green).

4. Start overdubbing.

When in the playback state, press the pedal switch to start overdubbing (the CHECK indicator is lit orange).

5. Stop overdubbing → start playback.

When in the overdubbing state, press the pedal switch to stop overdubbing and transition to playback (the CHECK indicator is lit green).

6. Adjust the volume.

Use the [E.LEVEL] knob to adjust the volume of the playback sound.

7. Finish playback.

To stop playback, press the pedal switch twice. (If there is recorded data, the CHECK indicator blinks green.)

* Press the pedal switch two times in succession, keeping the interval between presses to one second or less.

Deleting

Hold down the pedal switch for two seconds or longer to delete the recorded content.

Use of Battery

* If operating this unit on batteries, please use alkaline 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 “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.

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.

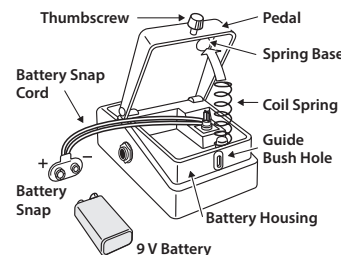
3. Connect the snap cord to the new battery, and place the battery inside the battery housing.

* 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. Insert the thumb screw into the guide bush hole and tighten it securely.



Main Specifications

BOSS DD-8: Digital Delay

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	DC 9 V: Alkaline battery (9 V, 6LR61) AC adaptor (PSA series; sold separately)
Current Draw	65 mA (DC 9 V) * Expected battery life under continuous use (These figures will vary depending on the actual conditions of use.) Alkaline: Approx. 5 hours
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	440 g / 1 lb (including battery)
Accessories	Owner's Manual, Leaflet (“USING THE UNIT SAFELY,” “IMPORTANT NOTES,” and “Information”), Alkaline battery (9 V, 6LR61)
Options	AC adaptor: PSA series Footswitch: FS-5U, 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.

SUPPLIER'S DECLARATION OF CONFORMITY Compliance Information Statement

Model Name : DD-8
Type of Equipment : Guitar Effects
Responsible Party : Roland Corporation U.S.
Address : 5100 S. Eastern Avenue Los Angeles, CA 90040-2938
Telephone : (323) 890-3700

For the USA