Delay Machine DM-101 — Startup Guide

English

BOSS

Panel Descriptions

MIDI IN/OUT connectors

Use TRS/MIDI connecting cables (BMIDI-5-35, BMIDI-1-35, BCC-1-3535; sold separately) to connect this unit to an external MIDI device.

You can use an external MIDI device to switch between up to 128 memories on this unit.

* Do not use these connectors for connecting to audio devices. Doing so may cause a malfunction.

CTL 1, 2/EXP jack

- **Using the jack as CTL 1, 2**

  You can connect a footswitch (FS-5U, FS-6, FS-7; sold separately) to switch MEMORY UP/DOWN and so on.

- **Using the jack as EXP**

  Connect an expression pedal (EV-30, Roland EV-5, etc.; sold separately) to continuously change the effect settings for the expression pedal's pushed-up (horizontal) position and for the pushed-down (slanted) position.

OUTPUT B   A/MONO   INPUT
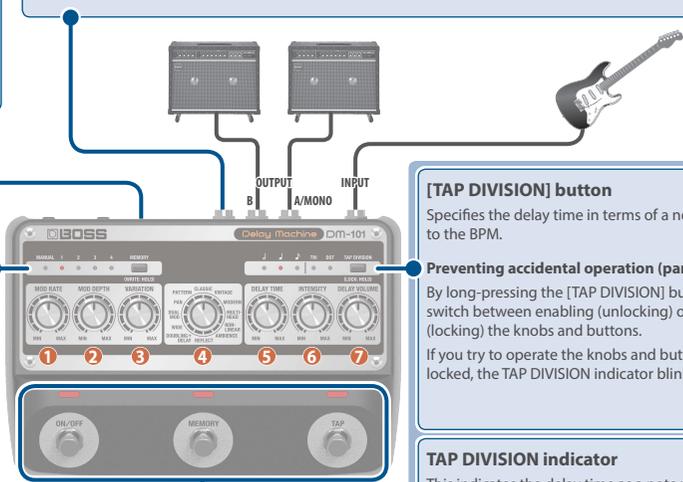
[MEMORY] button

Switches between or saves memories (MANUAL, 1–4).

MEMORY indicators

Indicates the currently selected memory.

When MIDI is used to select memories 5–127, all indicators go dark.

* If you turn the [VARIATION] knob while the mode is MULTI-HEAD, MEMORY indicators 1–4 indicate the head pattern you selected. The indicators return to the normal memory display after a little while.

[TAP DIVISION] button

Specifies the delay time in terms of a note length relative to the BPM.

Preventing accidental operation (panel lock)

By long-pressing the [TAP DIVISION] button, you can switch between enabling (unlocking) or disabling (locking) the knobs and buttons.

If you try to operate the knobs and buttons while they're locked, the TAP DIVISION indicator blinks.

TAP DIVISION indicator

This indicates the delay time as a note value; the interval at which you press the pedal is considered as a quarter note (100%). (*1)

♩	♪	♬	TRI	DOT	Explanation
✓				✓	Dotted half note (300%)
✓					Half note (200%)
	✓			✓	Dotted quarter note (150%)
✓			✓		Half-note triplet (133%)
	✓				Quarter note (100%)
		✓		✓	Dotted eighth note (75%)
	✓		✓		Quarter-note triplet (67%)
		✓			Eighth note (50%)
		✓	✓		Eighth-note triplet (33%)

Footswitch	Function
[ON/OFF] switch	Turns the delay on/off.
[MEMORY] switch	Press to switch between memories.
[TAP] switch	By pressing the switch at the tempo of the song you're performing, this lets you specify a matching delay time. (*1)

(*1) Not supported in some delay modes. For details, refer to "Reference Manual" (Web).

	Knob	Function
❶	[MOD RATE] knob	Adjusts the modulation rate of the delay sound.
❷	[MOD DEPTH] knob	Adjusts the modulation depth of the delay sound.
❸	[VARIATION] knob	Adjusts the tonal character of the delay sound.
❹	Mode knob	Selects the delay mode (type).
❺	[DELAY TIME] knob	Adjusts the delay time. Turning the knob toward the right increases the delay time.
❻	[INTENSITY] knob	Adjusts the number of delay repeats. Turn this knob toward the right to increase the number of repeats. If you turn the knob all the way to the left, a single delay is heard.
		* If you turn the knob all the way to the right, oscillation might occur.
❼	[DELAY VOLUME] knob	Adjusts the volume of the delay sound. Turn this knob toward the right to increase the delay sound. If you turn the knob all the way to the left, only direct sound is heard.

Characteristics of Each Mode

The DM-101 features an analog delay with a carefully-selected BBD (Bucket Brigade Device) that's designed to achieve the utmost in sound.
This unit offers 12 modes that individually control the BBD connection switches and the BBD itself. With these modes, you can create a wide variety of sounds.

Mode knob		Explanation
CLASSIC		A sound with a warmth that's characteristic of analog delays. The maximum delay time is 1,200 ms. **[VARIATION] knob:** Adjusts the modulation waveform. The MIN setting produces a triangle wave, the center setting produces a sine wave; and the closer you get to the MAX setting, the more complex the waveform becomes.
VINTAGE		Simulates the sound of the BOSS DM-2. The maximum delay time is 300 ms. **[VARIATION] knob:** Adjusts the modulation waveform. The MIN setting produces a triangle wave, the center setting produces a sine wave; and the closer you get to the MAX setting, the more complex the waveform becomes.
MODERN		Produces a clear delay sound with a distinct high end. **[VARIATION] knob:** Adjusts the modulation waveform. The MIN setting produces a triangle wave, the center setting produces a sine wave; and the closer you get to the MAX setting, the more complex the waveform becomes.
MULTI-HEAD		Produces a deep echo-like effect. **[VARIATION] knob:** Selects the head pattern (delay pattern) (10 types). When you turn the knob, MEMORY indicators 1–4 indicate the head pattern you selected. The indicators return to the normal memory display after a little while.
NON-LINEAR		A delay that gives a reversed effect. **[VARIATION] knob:** Adjusts the volume for each delay interval.
AMBIENCE		A sound that simulates a very narrow space. **[VARIATION] knob:** Adds the sounds of early reflections.
REFLECT	STEREO	Produces a reverb-like effect. **[VARIATION] knob:** Produces a pre-delay effect.
DOUBLING+DELAY	STEREO	Produces a short doubling delay that adds thickness to the sound, along with the reflection sound. **[VARIATION] knob:** Adjusts the doubling delay time.
WIDE	STEREO	Shifts the respective OUTPUT A/B delay times to create a more expansive sound. **[VARIATION] knob:** Adjusts the time difference for the OUTPUT A/B delay time.
DUAL MOD	STEREO	Gives a modulation effect with different phases for OUTPUT A/B. **[VARIATION] knob:** Adjusts the modulation phase for OUTPUT A/B. The MAX setting inverts the phase for OUTPUT A/B.
PAN	STEREO	A stereo tap delay that outputs the delay sound with different timings for OUTPUT A/B. **[VARIATION] knob:** Adjusts the time difference for the OUTPUT A/B delay time.
PATTERN	STEREO	Creates a rhythmic delay effect. **[VARIATION] knob:** Selects the delay pattern (10 types).

Saving to a Memory

You can save the settings you've edited.

1. **Long-press the [MEMORY] button.**

   The indicator of the currently selected memory number blinks, and the memory enters write standby mode.

2. **Take your finger off the [MEMORY] button.**

3. **Press the [MEMORY] button to select where to save the memory.**

4. **Long-press the [MEMORY] button once more to save.**

   The memory number indicators blink rapidly. Once they remain lit, the write operation is finished.

   * If you operate the knobs or footswitch before step 3, the write operation is canceled.

   * If you've saved to MANUAL, only the TAP DIVISION and expression pedal settings are saved.

Reference Manual (Web)

Refer to the website listed below for detailed documentation on how to operate this unit.

https://roland.cm/dm-101_om

Switching Memories

Here's how to recall a saved memory.

1. **Press the [MEMORY] button or [MEMORY] switch to select the memory.**

   Each time you press the button/switch, the memory selector cycles through as follows: MANUAL→1→2→3→4.

   What is "MANUAL"?

   Normally, effects are applied according to the settings in memory. However, when you select MANUAL, effects are applied according to the position of the knobs on the panel. At this time, the TAP DIVISION and expression pedal settings that are recalled are those saved in MANUAL (which are editable).

Attaching the Rubber Feet

You can attach the rubber feet (included) if necessary.

Attach them in the locations shown in the illustration.

* When turning the unit over, be careful so as to protect the buttons and knobs from damage. Also, handle the unit carefully; do not drop it.

* Using the unit without rubber feet may damage the floor.