

Nocturne Reverb

Tone - Controls the tone of the reverb. CCW for darker reverb trail, CW for brighter reverb trail

Level - Controls the output level of the reverb.

Decay - Controls the length of the reverb trail. CCW for less decay, CW for more decay.

Modulation - Controls the amount of modulation in the reverb trail.

Mode Switch - This switch toggles between reverb modes: Nocturne, Spring, Plate

Left Switch - This switch turns the effect on and off.

Right Switch - This switch turns the preset on and off. When the preset is active the LED will change from BLUE to RED. Changing any parameter from the preset value will cause the LED to blink. The LED will stop blinking when the parameter is changed back to its preset value. To save the current settings, press and hold the **Right Switch** until the bypass LED blinks.

Secondary Functions

- **High Pass Filter** - Press and hold the **Mode Switch** while adjusting the **Tone** to change the low end response of the reverb.
- **Pre-delay Time** - Press and hold the **Mode Switch** while adjusting the **Decay** to change the pre-delay length. 0 to 250ms.
- **True Bypass/Buffered Bypass** - Press and hold the **Left Switch** until the bypass LED blinks to switch between Buffered-Bypass (LED blinks three times) or True-Bypass (LED blinks twice). The default is Buffered-Bypass.
- **Save Preset** - With the effect on and the preset active, press and hold the **Right Switch** until the bypass LED blinks to save all of the current parameters.
- **EXP/MIDI Reverb Mode Switch** - Toggle through the reverb modes using a momentary switch with a mono TS cable connected to the **EXP/MIDI** jack. (The **EXP/MIDI** jack has to be set to Expression mode). The reverb modes can also be toggled by pressing both **Left** and **Right Switches** at the same time.

Power Up Functions

Factory Reset - Press and hold the **Left** and **Right** foot-switches and the **Mode Switch** while applying power to the unit. The mode and bypass LEDs will blink several times to indicate the reset was successful.

Wet+Dry/Wet Only - Press and hold the **Left** foot-switch and **Mode Switch** while applying power to the unit. The bypass LED will blink BLUE twice for wet+dry and three times for wet only. The default is wet+dry.

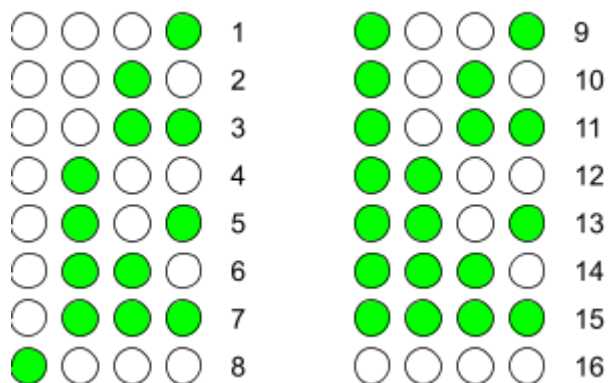
Left Wet/Right Dry - The unit can be set up to where the left output is just the wet signal while the right output is just the dry signal. Press and hold the **Right** foot-switch while applying power to the unit to activate or disable this feature. The bypass LED will blink BLUE two times for off and three times for on. The default is off.

Trails - Press and hold the **Left** and **Right** foot-switches while applying power to the unit. The bypass LED will blink BLUE twice if trails is on and three times if trails is off. The default is with trails on.

Momentary/Latching Remote Switching - Press and hold the **Left** foot-switch while applying power to the unit. The bypass LED will blink BLUE twice for momentary and three times for latching. The default is momentary.

EXP/MIDI - Press and hold the **Right** foot-switch and the **Mode Switch** while applying power to the unit to change between expression or MIDI control on the **EXP/MIDI** jack. The bypass LED will blink BLUE twice for expression and three times for MIDI. The default is expression.

MIDI Channel - Press and hold the **Mode Switch** while applying power to the unit to change the MIDI channel. The bypass LED will blink RED indicating MIDI channel mode is active. The mode LEDs will blink the current channel in binary:



Press the **Mode Switch** to toggle through the channels. Pressing either the **Left** or **Right** foot-switch will exit the MIDI Channel select mode. The bypass and mode LEDs will stop blinking and the selected MIDI channel will be saved. The unit is set default to MIDI channel 1.

Nocturne PC Messages

The unit can be controlled via MIDI through the EXP/MIDI jack with TRS MIDI type A. When in MIDI mode, 23 additional preset banks are available. Each bank allows for a preset per reverb mode for a total of 72 presets. The unit is set default to preset bank 0, but will power up to the last preset bank selected.

To select a preset via MIDI simply send the corresponding PC message 0 - 71

(or 1 - 72 if the controller starts with 1 instead of 0).

PC	Bank	Preset
0	0	Nocturne
1	0	Spring
2	0	Plate
3	1	Nocturne
5	1	Spring
6	1	Plate
7	2	Nocturne
8	2	Spring
9	2	Plate

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63	21	Nocturne
64	21	Spring
65	21	Plate
66	22	Nocturne
67	22	Spring
68	22	Plate
69	23	Nocturne
70	23	Spring
71	23	Plate

To program and save a preset in one of the higher banks, first access the preset by sending the corresponding PC message. There are 24 Banks of 3 presets available, so 72 presets in total.
e.g. If you want to program a spring reverb in bank 3, you need to send PC message 11. A Nocturne reverb in bank 2 is PC message 7.

Once you have recalled the preset, program the sound you want. To save, press and hold the Right foot-switch until the LEDs blink. The programmed sound will save to the recalled location. It's MIDI at its simplest. Recall the preset you want to edit, dial in your sound and save it. Done

Nocturne Control Change Channels

Parameter	CC#	Value	Note
Reverb Input Level	11	0-127	Controls the input level to the reverb
Reverb Tone	12	0-127	Controls the tone of the reverb
Reverb Level	13	0-127	Controls the output level of the reverb
Reverb Decay	14	0-127	Controls the decay of reverb trails
Reverb Modulation	15	0-127	Controls the depth of reverb modulation
Reverb HPF	16	0-127	Controls the low end response of the reverb
Reverb Pre-Delay Time	17	0-127	Controls the pre-delay time of the reverb
Midi Clock Sync	51	0-63 = off 64-127 = on	Sync tempo to Midi Clock. The unit will listen for Midi Clock by default.
Reverb Bypass	102	0-63 = off 64-127 = on	Turn the effect on or off.
Preset Bypass	103	0-63 = off 64-127 = on	Turn the preset on or off.
Reverb Mode	104	0 = Nocturne 1 = Spring 2 = Plate	Switch between the reverb modes
Buffered/True-Bypass	105	0-63 = buffered 64-127 = true	Switch between buffered bypass or true bypass.
Trails	106	0-63 = off 64-127 = on	Toggle trails on or off..
Dry Signal	107	0-63 = off 64-127 = on	Toggle dry signal on or off
Momentary/Latching	108	0-63 = Momentary 64-127 = Latching	Toggle between Momentary or Latching switches for remote switching jack.

Left Wet/Right Dry	109	0-63 = off 64-127 = on	When on, Left output is all wet and Right output is all dry.
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Expression Pedal Setup

Use a TRS expression pedal to control the knobs of the Nocturne.

- Configure the **EXP/MIDI** jack for expression mode.
- Connect an expression pedal to the **EXP/MIDI** jack of the Nocturne using a TRS cable.
- Press and hold the **Mode Switch** until the reverb mode LED blinks.
- Set the expression pedal to the HEEL position. The bypass LED will turn RED.
- Set the knob(s) to be controlled to the desired settings for the HEEL position of the expression pedal. The Status LED will blink if a change has been made.
- Set the expression pedal to the TOE position. The bypass LED will turn BLUE.
- Set the knob(s) to be controlled to the desired settings for the TOE position of the expression pedal. The Status LED will blink if a change has been made.
- To clear all expression settings press and hold either foot-switch until the bypass LED blinks.
- Press either foot-switch to exit and store the expression pedal settings. If the PRESET was on when these changes were made then the settings will be stored to the current preset only. The bypass LED will blink to indicate the preset has been updated. If the PRESET was off when these changes were made then the settings will be "global".
- Press and hold the **Mode Switch** until the reverb mode LED stops blinking to exit without saving.