Presets - 5 On Board, 127 Via MIDI

The currently loaded preset is indicated on the Preset LED Ladder. When a preset is modified the Preset LED blinks once.

Load Presets

To select and load a Preset using Footswitches:

1. FREEZE Footswitch selects Preset 1 to 5. Preset 1 (top LED) to Preset 5 (bottom LED) blinks.
2. ACTIVE Footswitch loads the Preset. LED stops blinking.

NOTE: To select Preset, FREEZE Footswitch must be in Preset mode. If FREEZE LED is lit, press and hold FREEZE Footswitch.

Save Presets

To save one of the 5 Presets using the Buttons:

1. Press & hold FREEZE Button
   - Blinking Ladder and Button LEDs let you know you have entered Save Mode.
2. FREEZE Button selects Preset 1 to Preset 5.
3. ACTIVE Button saves Preset
   - LEDs stop blinking to let you know the Preset is saved.

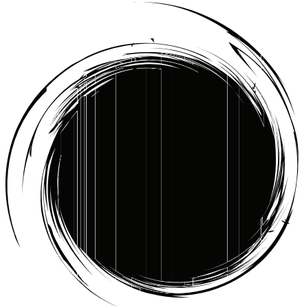
NOTE: Save Mode times out after a few seconds. Pressing either Footswitch exits Save Mode.

Catch Up Knob Function

When a Preset is loaded or when toggling between Parameters using ▽, Knob positions will not align with their current Parameter values. As a result, turning a knob will likely cause an abrupt change in the sound.

With Catch Up ON, the sound does not change until the Knob is moved to the position corresponding to the current value. The LED Ladder indicates whether the knob must be turned CCW (top LED blinks) or CW (bottom LED blinks). The LED flashes more rapidly as the knob approaches the value set by the Preset. All five LEDs blink once when the knob matches the stored Parameter value.

NOTE: To enable/disable Catch Up Knob Function, power up in System Setup mode and press FREEZE Footswitch to toggle ON/OFF.



Device Manager Software

Available from Eventide's website for Mac & PC

- Update Pedal Firmware
- Backup/Restore entire device to a file
- Restore Factory Settings
- Edit System Settings
- Import/Export Presets
- View, edit, and organize Presets

Download: eventideaudio.com/edm

Restore Factory Settings: Boot pressing ACTIVE Footswitch & ACTIVE Button
Software Update: Boot pressing FREEZE Button & FREEZE Footswitch

Blackhole Reference Guide for Firmware v1.0+| Eventide Part# 141328 Rev C
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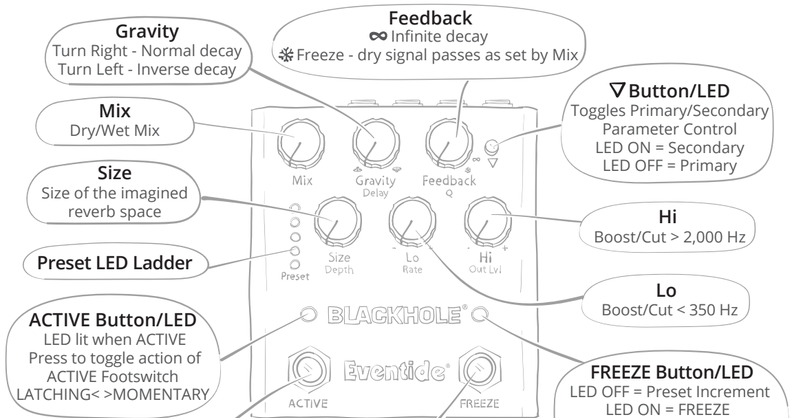
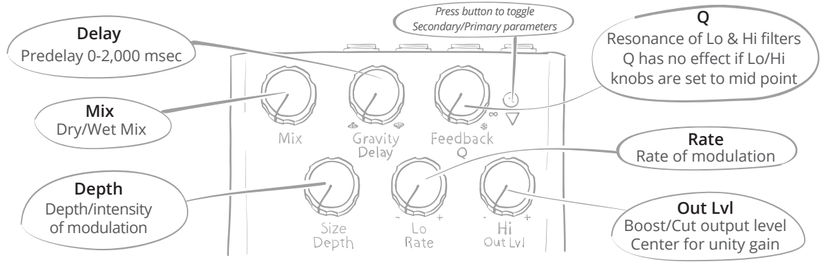
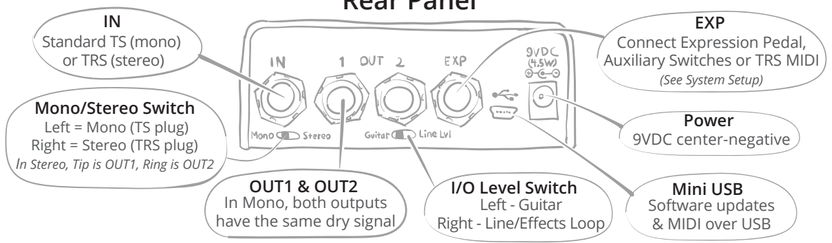


▽Knob Functions – Secondary Parameters



Rear Panel



Expression Pedal

Morphing from Heel to Toe

An Expression Pedal can be used to change any grouping of knob Parameters in one smooth gesture. Programming Expression Pedal is easy. You simply need to set end points for Heel & Toe. Here's how:

1. Press Pedal fully Heel down.
2. Adjust any combination of the Parameter control knobs.
3. Press Pedal fully Toe down.
4. Adjust any or combination of the Parameter control knobs.
5. Save it or lose it. See "Saving a Preset."

Clear Expression Pedal Mappings

To clear the Expression Pedal mappings for the knobs, hold the ACTIVE Footswitch and, while holding, press the ACTIVE Button until the Preset Ladder LEDs flash twice.

NOTE: To use an Expression Pedal, the Exp Pdl Jack must be set to either [EXP] or [EXP + AUX]. See System Setup to select.

MIDI Messages

Save Preset

Enter Save Mode by pressing and holding the FREEZE Button, then a MIDI program change message will save a Preset to the Preset Slot of the given value 1-127.

Load Preset

MIDI program change message loads the Preset from the Preset Slot of the given value 1-127.
Note: The bottom two Ladder LEDs will be lit when Presets 6–127 are selected via MIDI or Device Manager

Receive/send using the USB Port or Exp Pdl Jack*.
CC 4: Expression Pedal
CC 9: TAP TEMPO
CC 14: ACTIVE/BYPASS (>=64 is Active)
CC 15: FREEZE (>=64 is Freeze)

Parameters: CC Messages Map

CC	PRIMARY	CC	SECONDARY
20	Mix	26	N/A
21	Gravity	27	Delay
22	Feedback	28	Q
23	Size	29	Depth
24	Lo	30	Rate
25	Hi	31	Out Lvl

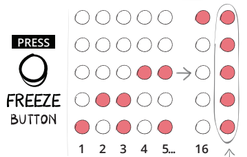
**Use a MIDI Converter Box or a DIN to TRS or TRS cable*

System Setup

Enter System Setup

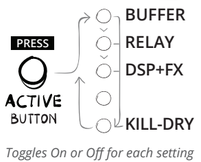
To access these Global Settings, apply power while holding ACTIVE Footswitch and ▽ button.
Top two LEDs light when in System Setup. Changes are stored as they are made. Cycle power to exit System Setup.

Set MIDI Channel



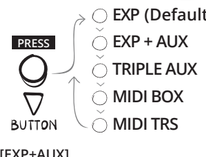
Set MIDI Channel: Click FREEZE Button
Default = Omni

Set Bypass Mode



Toggles On or Off for each setting
Factory Default = Buffered

Set Exp Pdl Jack



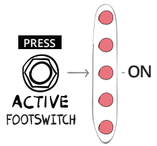
[EXP+AUX]
TIP = Expression Pedal
RING = TAP TEMPO

[TRIPLE AUX]
TIP = Increment Preset
RING = Decrement Preset
Tip + RING = Load Preset
Note: Times out after a few seconds

[MIDI BOX]
Receive and Send MIDI via a MIDI Converter Box (Tip Active)

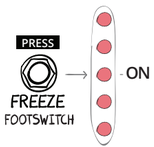
[MIDI TRS]
Receive MIDI directly with a DIN to TRS or TRS cable.

Set MIDI Clock



Factory Default = Off

Catch Up ON/OFF



Factory Default = Off