Operating your New Revelation Reverb

How to use the New Revelation Reverb

- Global Settings
- Using the Pedal
- Saving Presets

Global Settings

To enter the Global Settings, hold down the Bypass switch when power is first applied to the pedal. The Mix and Decay LEDs will be glowing and cycling through various colors. Release the Bypass switch when the Mix and Decay knobs turns either solid White or Red (if Kill Dry mode is enabled the LEDs will be Red). To save your settings and exit the Global Settings, hold down the Bypass Switch for 3 seconds. The Mix and Decay LEDs will continue glowing and cycling through the various colors until your settings have been saved.

Below are the following features that can be adjusted within the Global Settings:

- Setting the MIDI Channel
  - Rotate the Cntrl1 knob, the Bypass LED will flash the number of times that corresponds to the MIDI Channel. If setting to MIDI Channel 4, the LED will flash 4 times with a 2 second pause and then repeat.
- Enable/Disable Kill Dry Mode
  - Short press the Preset switch, the Mix and Decay knobs will change colors. If the LED colors are Red, then Kill Dry Mode is enabled. If the LED colors are White, then Kill Dry Mode is disabled.
- Load a Specific Preset Upon Start-Up
  - Rotate the Mix knob, the Mix LED will cycle through the Preset colors. Rotate until your desired Preset is illuminated.
- Load a Specific Algorithm Upon Start-Up
  - Rotate the Decay knob, the Decay LED will cycle through the Algorithm colors. Rotate until your desired Algorithm is illuminated.
- Limit the Number of Presets to Scroll Though
  - Rotate the Filter knob, the Preset LED will flash the number of times that corresponds to the maximum number of Presets available to scroll through. If setting to 3 Presets, the LED will flash 3 times with a 2 second pause and then repeat.
- Setting the Adjustable Mix Taper (available from serial# 1170 and above)
  - Set the toggle switch to the up position for Mix Taper 1. In this mode none of the dry signal will get removed as the Mix knob is increased.
  - Set the toggle switch to the middle position for Mix Taper 2. In this mode the dry signal will start to be removed around the 1 o'clock position. The Mix knob will gradually continue to be removed until reaching a 100% wet mix when the Mix knob is fully clockwise.
  - Set the toggle switch to the down position for Mix Taper 3. In this mode the dry signal will start to be removed around the 10 o'clock position. The Mix knob will gradually continue to be removed until reaching a 100% wet mix when the Mix knob is fully clockwise.

Using the Pedal

Power the New Revelation with a 9v DC negative tip power supply, one that is capable of handling up to 300mA of current. Upon powering the New Revelation the Mix and Decay knobs will glow indicating startup mode. Once the LEDs stop glowing, the New Revelation is ready to use. Tap the Bypass switch to engage the pedal (Live Mode), the color of the Decat knob indicates the active algorithm and the color of the Mix LED indicates the cue'd up Preset.

Hold the Bypass switch for 1 second and release to change algorithms.

- Light Blue | Spring Reverb
- Green | Room Reverb
- Yellow | Plate Reverb
- Red | Modulated Reverb
- Pink | Shimmer Reverb
- White | Anti-Shimmer Reverb

To engage Preset Mode, tap the Preset switch. This will quickly jump between the reverb used in Live Mode to the reverb stored in the cue'd up preset. To disengage Preset Mode and jump back to Live Mode, tap the Preset switch again.

To change presets, tap both the Tap switch and Preset switch to cycle through the stored presets:

- Light Blue | Preset #1
- Green | Preset #2
- Yellow | Preset #3
- Red | Preset #4
- Pink | Preset #5
- White | Preset #6

While in Preset Mode you can rotate the knobs to see the saved location of each knob in the stored preset. When each knob is rotated, its corresponding LED will flash, and will return back to a solid color once the knob is rotated over the stored location.

Control Knobs

Mix Knob

The Mix knob controls the overall loudness of the reverb. Rotating fully counter-clockwise will set the reverb volume to minimum and fully clockwise to maximum. The Mix knob can be setup in Global Settings to have custom Mix Tapers to either remove more or less of your dry signal.

Decay Knob

The Decay knob controls the length of decay that will be generated from the New Revelation. Rotating fully counter-clockwise sets the decay to minimum and fully clockwise sets the decay to maximum.

Filter Knob

The Filter knob controls the overall brightness of the reverb. Rotating fully counter-clockwise allows all frequencies to pass, when rotating clockwise the upper frequencies will be removed. Rotating clockwise sets the cutoff frequency lower and lower for darker reverbs. The Filter knob does not affect/remove any frequencies from your dry signal.

Cntrl1 Knob

The Cntrl1 knob varies per algorithm, please reference the Algorithm section for details pertaining to the Cntrl1 knob for each Algorithm.

Soft Click Switches

Bypass Switch

The Bypass Switch functions as the main navigation for the pedal, below outlines the functions attached to this switch.

- Short Press
  - Performing a short press will engage/disengage the pedal. When engaged, the Bypass LED will illuminate and the reverb signal will be heard. This is called “Live Mode”, the sound of the reverb will be heard based on the current settings of each knob, toggle switch, and the active Algorithm that is illuminated by the Decay LED.
- Two Button Press (Preset & Bypass Switches)
  - Performing a two button press will cycle through the stored presets. Each time a two button press is performed the color of the Mix LED will change, identify which preset is active or cue’d up. If the pedal is in Preset Mode, it will cycle through each preset and the new preset sound will be heard immediately. If the pedal is in Live Mode, you can cue up which preset will be heard when Preset Mode is engaged.
- Long Press
  - Performing a long press (hold for 1 second and release) will cycle through the active algorithm. Algorithms can be changed at any time in both Live Mode and Preset Mode

Preset Switch

- Short Press
  - Performing a short press will engage/disengage the "Preset Mode". When engaged, the Preset LED will illuminate and the reverb signal stored in the active preset will be heard. The Decay knob LED will change to the current algorithm stored in the active

preset. Short press again to disengage "Preset Mode" and quickly jump back to the settings in "Live Mode".

- Hold
  - Pressing and holding will engage the Infinite Bloom feature (slowly ramps up the Decay knob to max). The Preset LED will flash while Infinite Bloom is engaged, once you release the Preset Switch the LED will continue to flash while the Decay knob slowly returns back to its original position. Infinite Bloom works in both "Preset Mode" and "Live Mode".

Toggle Switch

0 Millisecond Pre Delay

Setting the Toggle Switch to the top position will create a reverb with no pre delay. The reverb signal will immediately bloom in as soon as the guitar signal hits the pedal.

50 Millisecond Pre Delay

Setting the Toggle Switch to the middle position will create a reverb with 50ms of pre delay. The reverb signal will bloom in 50ms after the guitar signal hits the pedal.

100 Millisecond Pre Delay

Setting the Toggle Switch to the bottom position will create a reverb with 100ms of pre delay. The reverb signal will bloom in 100ms after the guitar signal hits the pedal.

Saving Presets

Saving a preset is simple and quick. Cue up the current preset location you'd like to save a preset to (identified by the color of the Mix LED). Change the active algorithm (if desired) and dial in the settings on the toggle switch and knobs. Once you have a sound that you like, simply hold down the Bypass Switch for 3 seconds. The Bypass LED will flash rapidly indicating the preset has been saved.

***To save a preset the pedal must not be bypassed, you can save a preset in either Live Mode or Preset Mode.