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# UAFX Evermore Studio Reverb Manual

Updated 1 year ago

This article contains complete operating instructions for the UAFX Evermore Studio Reverb pedal from Universal Audio.

## In this article



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# A Letter From Bill Putnam, Jr.

Congratulations on your new UAFX pedal. We know that buying any new piece of gear requires an investment of time and money, and we aim to make your investment pay off!

At UA, we are dedicated to the idea of building “instant classics” — the type of music and audio gear that delivers album-worthy sounds to inspire you for decades.

UAFX pedals represent more than 20 years of research into vintage analog effects, coupled with next-generation digital engineering and rock-solid reliability.

Please let us know how we’re doing. Feel free to reach out to us via our website **www.uaudio.com**, and via our social media channels.

Thank you for your support, and enjoy your sonic exploration!

Sincerely,

Bill Putnam Jr.

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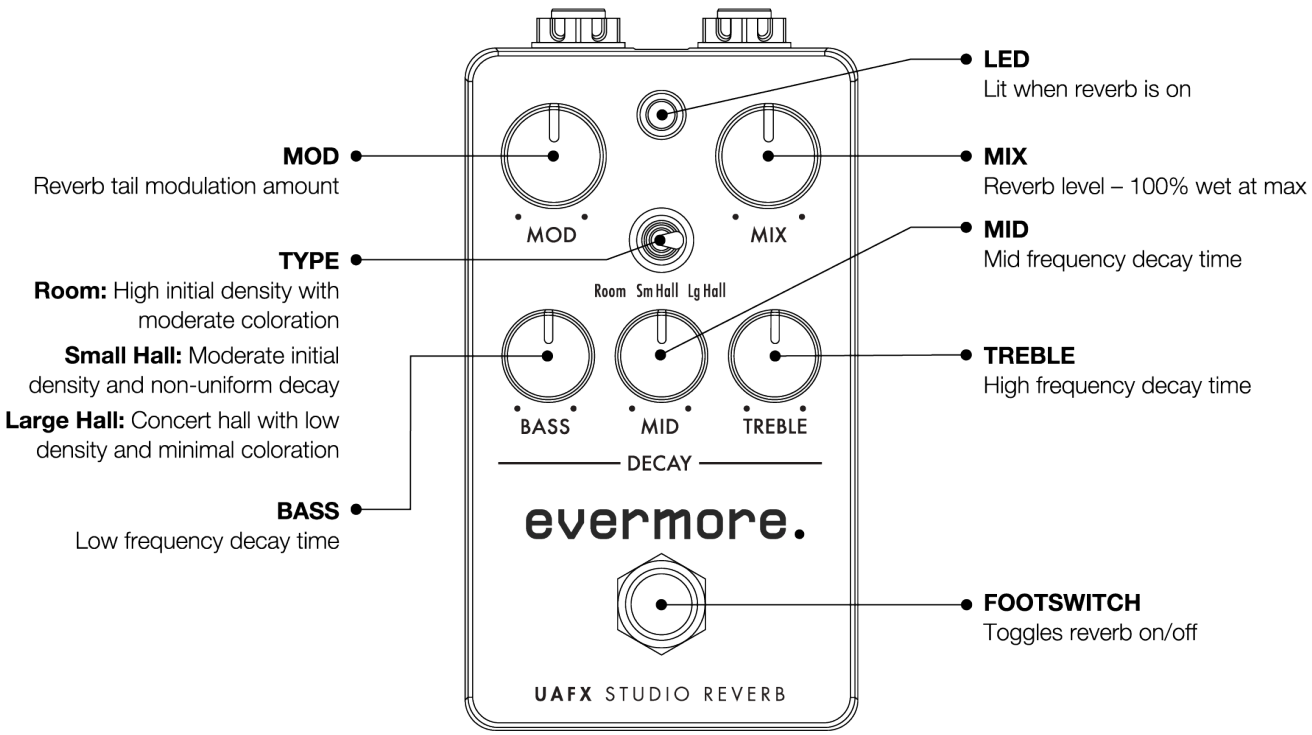
# Evermore Quick Start




**Download Evermore Quick Start**

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# Evermore Studio Reverb Overview

Evermore Studio Reverb gives you the grainy ambient tails and mesmerizing modulations of the iconic late-'70s early-digital device, in a compact, elegant stompbox. Built upon the award-winning Hall 224 algorithms found in our flagship Golden Reverberator, Evermore gives you stunning ambient effects right on your pedalboard.

## Key Features

- Authentic emulation of a vintage digital studio reverb, in a compact stompbox
- Selectable true or trails bypass, and short or long pre-delay
- Bit-for-bit emulations of iconic Room, Small Hall, or Large Hall programs
- Vintage-correct Bass, Mid, and Treble decay lines
- Mod control for added swirl and texture

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# Evermore Power

To learn how to power your UAFX pedal, **go here**.

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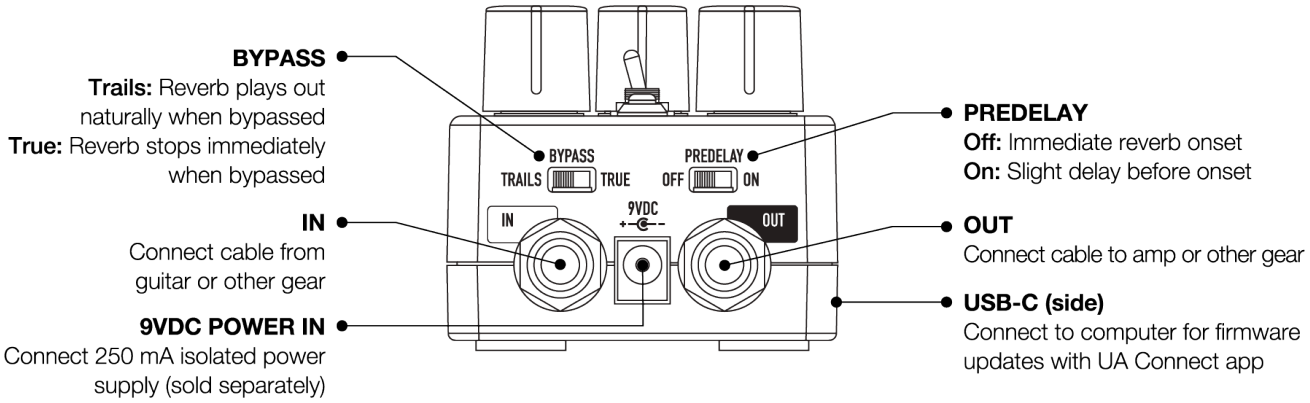
# Evermore Connections

To learn how to wire your UAFX pedal, **go here**.




# Evermore Controls

The following controls are available on Evermore.

## Mod

Adjusts the amount of modulation applied to the reverb tail. The depth of modulation increases as the knob is rotated clockwise, from subtle chorusing to a heavy warble.

## Mix

Adjusts the amount of reverb signal mixed with the clean signal. When the mix control is fully clockwise, the reverb is 100% wet.

## Reverb Type

Use this switch to select the Reverb type: Room, Small Hall, or Large Hall.

| Type | Details |
| --- | --- |
| Room | Moderate to high initial density, low to moderate coloration. |

| | |
|---|---|
| Sm Hall | Moderate initial density, moderately non-uniform decay, and relatively bright overall, with little Treble Decay. |
| Lg Hall | Low density, minimal coloration, optimized for long reverb times. |

# Decay (Bass/Mid/Treble)

The decay controls are interactive, and control various aspects of the reverb length. Set the basic reverb length with the Mid knob, then add or remove Bass and Treble decay with the Bass and Treble knobs. The Mid, Bass, and Treble knobs control the reverb decay times for the overall decay length for the different reverb decay frequencies. The Bass and Treble knobs are not EQ controls.

## Mid

The Mid control sets the basic decay for the reverb by adjusting the midrange-based reverb tail time. Bass and Treble decays are also dependent on this control (when Mid is set at minimum, the reverb tail is short, even when Bass/Decay are set longer).

## Bass

Reverb decay time for low frequencies. Higher values result in longer bass frequency decay. Increases or reduces the low frequency content below 540 Hz. The range is 0.6 seconds to 70 seconds. Set this high for a long, sustaining reverb sound.

## Treble

Reverb decay for high frequencies. Technically, this control adjusts the frequency above which decay is very rapid, which has the effect of producing longer treble decays. Lower values produce a “darker” reverb. The frequency range is 100 Hz to 10.9 kHz. When Treble is set very low, adjusting Bass has little result. Set this high for a long, sustaining reverb sound.

# Reverb self-oscillation

Extreme parameter settings can cause the reverb effects to self-oscillate or cause other unexpected sounds. This behavior is identical to the original 224 hardware and is caused by its internal 12-bit architecture.

Internal algorithm overloading can be especially apparent with very long reverb decay times. To reduce any artifacts, simply lower the reverb decay times with the Mid, Bass, and/or Treble knobs, and/or reduce the input signal level.

### *Notes*

- The Mid, Bass, and Treble knobs control the reverb decay times for the middle, bass, and treble frequency bands. **The Bass and Treble knobs are not reverb filters or EQ controls.**
- Bypassing the pedal does not stop self-oscillation. In True Bypass mode, self-oscillation continues while the pedal is bypassed and returns when the effect is re-enabled. In Trails Bypass mode, self-oscillation continues when the pedal is bypassed. Reduce the Decay levels to stop self-oscillation.

# Footswitch

The footswitch toggles the effect on/off. The LED lights to indicate when the effect is active. The LED color changes to indicate the pedal settings for True and Trails bypass and Predelay.

# Pedal mode LED colors

| LED Color | Bypass mode | Predelay mode |
|---|---|---|
| Green | True | Off |
| Purple | Trails | Off |
| Orange | True | On |
| Red | Trails | On |

# Bypass Mode

You can switch between Trails or True bypass modes using the slider switch on the back of the pedal.

- **Trails -** Reverb tails play out after the pedal is bypassed. The pedal's output is buffered when the effect is on and off. Trails bypass minimizes high frequency loss from long cable runs, and preserves your tone when you have multiple pedals in series.
- **True -** Reverb tails are cut off immediately when the pedal is bypassed. The pedal signal is true bypass when the effect is off.

# Predelay Mode

You can switch predelay on and off for Evermore's reverb signal using the slider switch on the back of the pedal.

- **Off -** Normal mode; there is no predelay on the reverb signal.
- **On -** Predelay is added to the reverb signal; you hear a slight delay before the onset of reverb. Use predelay to preserve your instrument's attack, and present a slightly cleaner reverbed signal.

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# Evermore Specifications

*Note: All specifications are subject to change without notice.*

| | |
|---|---|
| Power requirements (power supply sold separately) | Isolated 9VDC, center-negative, 250 mA minimum |
| Inputs | ¼" unbalanced TS |

| | |
|---|---|
| Outputs | ¼” unbalanced TS |
| Input impedance | 1 Megohm |
| Output impedance | 500 Ohms |
| Maximum input level | 12.2 dBu |
| Maximum output level | 12.2 dBu |
| Frequency response | 20 Hz to 20 kHz, ±1 dB |
| USB Type-C | For registration and firmware updates via computer |
| Dimensions<br>(with knobs and protrusions) | Height: 2.29 inches, 5.81 cm<br>Width: 2.58 inches, 6.55 cm<br>Depth: 4.75 inches, 12.07 cm |
| Weight (unboxed) | 0.66 lbs<br>0.299 kg |

# Evermore Safety

**Caution:** To help maintain the safety of your product, the chosen power supply must be a certified power supply complying with Limited Power Source (LPS) requirements with the following characteristics and electrical ratings: Isolated 9VDC, center-negative, 250 mA minimum, 2.1x5.5 mm barrel connector. Additional details at **help.uaudio.com**.

Before using this unit, be sure to carefully read the applicable items of these operating instructions and the safety suggestions. Afterwards, keep them handy for future reference.

Take special care to follow the warnings indicated on the unit, as well as in the operating instructions.

- Read the instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. ▪ Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use with attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- This equipment does not contain a fuse or any other user-replaceable parts.
- A compliance marking label is provided on bottom of the unit.

**Japanese Class B Manual Statement**

この装置は、クラスB機器です。この装置は、住宅環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。VCCI-B

(This is Class B equipment. Although this equipment is intended for use in residential environments, it could cause poor reception if used near a radio television receiver. Please

follow all instructions in the instruction manual.)

Used electrical and electronic equipment should not be mixed with general household waste. Please dispose in accordance with local regulations.