

Electro-Harmonix Oceans 11

Electro-Harmonix Oceans 11 Reverb Pedal Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Electro-Harmonix Oceans 11 Reverb Pedal. Please read this guide thoroughly to ensure proper usage and to fully explore the capabilities of this versatile effects unit.

2. PRODUCT OVERVIEW

The Electro-Harmonix Oceans 11 is a compact and feature-rich reverb pedal offering 11 distinct reverb styles. It provides extensive control over various parameters, including access to powerful hidden functions through its Secondary Knob Mode. The pedal is designed to produce a wide range of reverberation effects, from classic sounds to unique ambient textures, and includes a power supply for immediate use.

Key features include:

- **Tails Switch:** Selects whether the reverb fades out naturally or stops immediately upon bypass.
- **Secondary Knob Mode:** Provides access to additional parameters for fine-tuning each reverb algorithm.
- **Infinite Reverb:** Capable of generating sustained reverb washes that can be played over.
- Includes a dedicated power supply.



Figure 1: Front view of the Electro-Harmonix Oceans 11 Reverb Pedal.

3. CONTROLS AND CONNECTIONS

The Oceans 11 pedal features four primary control knobs, a mode button, a footswitch, and input/output jacks.

3.1 Control Knobs

- **FX LVL:** Controls the mix level of the reverb effect.
- **TIME:** Adjusts the decay time or length of the reverb.
- **TONE:** Shapes the tonal character of the reverb.
- **MODE:** Selects between the 11 different reverb algorithms.

3.2 Mode Button and Secondary Knob Mode

Pressing the small **MODE** button cycles through the 11 reverb types. Additionally, each reverb mode has hidden secondary parameters accessible by holding down the **MODE** button and then turning the **FX LVL**, **TIME**, or **TONE** knobs. The LED will change color to indicate Secondary Knob Mode is active.

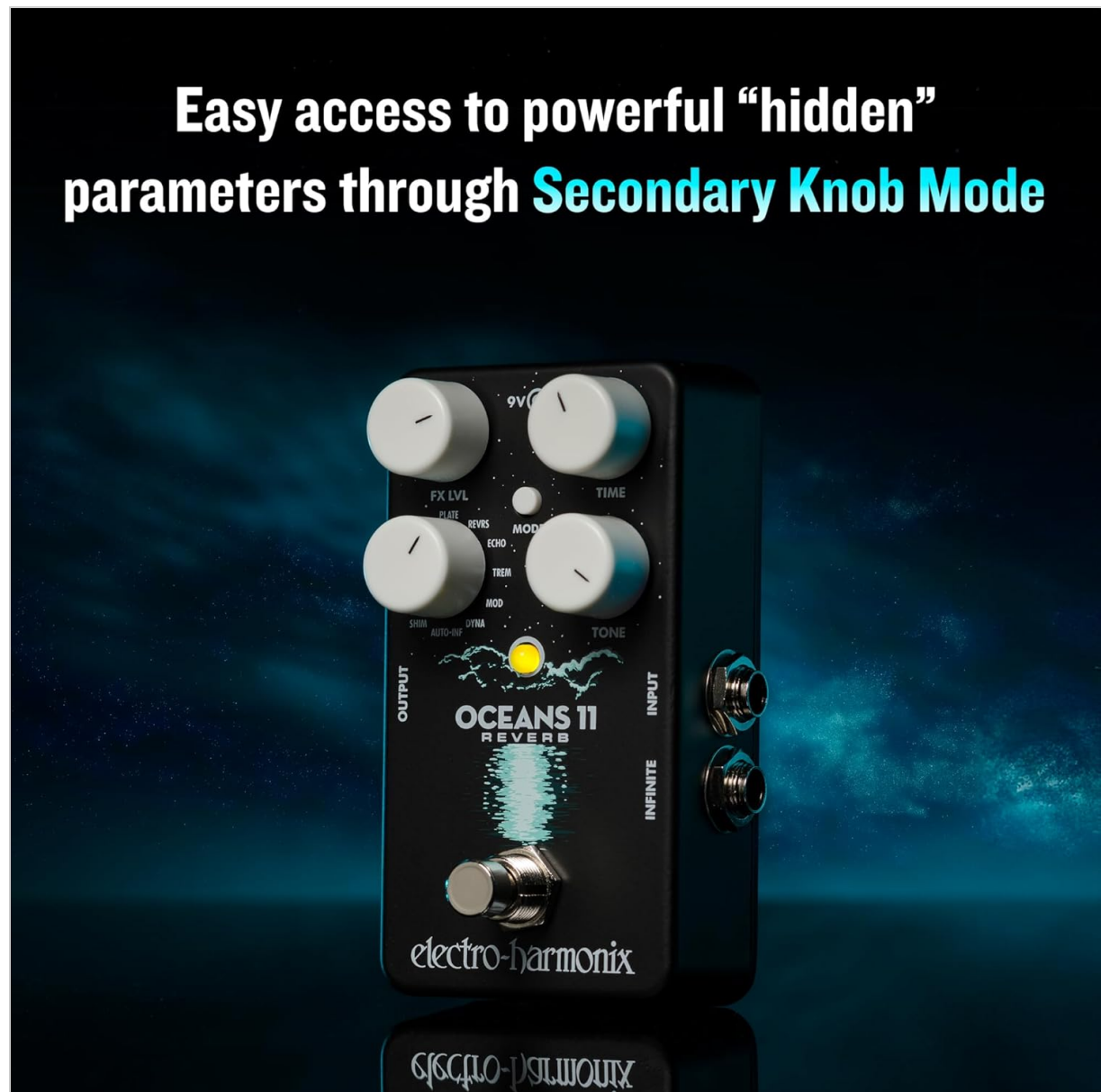


Figure 2: Accessing hidden parameters via Secondary Knob Mode.

3.3 Footswitch and Infinite Reverb

The footswitch engages or bypasses the effect. It also has a dual function for activating infinite reverb. Pressing and holding the footswitch in most settings will sustain the current reverb, allowing you to play over it.

Able to produce **infinite reverb** you
can play over in most settings



Figure 3: The Oceans 11 is capable of producing infinite reverb.

3.4 Tails Switch

A small toggle switch on the pedal allows you to select between two bypass modes: **Tails On** (reverb decays naturally after bypass) or **Tails Off** (reverb cuts off immediately upon bypass).

Tails Switch

Select whether the reverb fades out naturally or stops immediately when the pedal is switched to bypass



Figure 4: The Tails Switch controls reverb decay behavior.

3.5 Input/Output Jacks and Power Input

- **INPUT:** 1/4-inch audio input jack for your instrument.
- **OUTPUT:** 1/4-inch audio output jack to your amplifier or next pedal.
- **INFINITE:** External jack for connecting an optional footswitch to control the Infinite Reverb function.
- **9V Power Input:** Connect the provided 9V DC power supply here.



Figure 5: Side view showing the 9V power input.

4. REVERB MODES

The Oceans 11 offers 11 distinct reverb algorithms. Each mode provides a unique sonic character and can be further customized using the secondary knob functions.

11 Different Reverb Types:

- | | | |
|----------|---------|------------|
| ✓ Hall | ✓ Revrs | ✓ Auto-Inf |
| ✓ Spring | ✓ Echo | ✓ Shim |
| ✓ Plate | ✓ Trem | ✓ Poly |
| ✓ Mod | ✓ Dyna | |



Figure 6: The 11 different reverb types available on the Oceans 11.

4.1 HALL

Emulates the rich, reverberant sound of a large concert hall.

4.2 SPRING

A new algorithm that pays homage to the classic Fender 6G15 tube spring reverb, delivering authentic drip and boing. (See video demonstration at [5:16](#))

4.3 PLATE

Provides the lush, warm reverb sound originally created using large metal plates in recording studios. (See video demonstration at [0:55](#))

4.4 REVRS (Reverse)

Emulates the unique reverse reverb effect where a note's reverb fades in backwards. (See video demonstration at [2:33](#))

4.5 ECHO

Sends a recirculating echo through the Plate reverb, creating crisp, clear delays smudged by airy plate reverb. (See video demonstration at [10:59](#))

4.6 TREM

Combines reverb with tremolo applied to both the wet and dry mix of a Hall reverb, offering three different tremolo shapes. (See video demonstration at [3:20](#))

4.7 MOD

Modulated reverb with three modes: Chorus laced onto reverb tails, Flanger wrapped around reverb tails, or a combination of both. (See video demonstration for Chorus at [9:48](#) and Flange at [10:31](#))

4.8 DYNA (Dynamic)

Offers three dynamic reverb effects: Swell (silences attacks before blooming tails), Gate (reverb tail passes through a noise gate), and Duck (compresses reverb while playing, fades in when resting). (See video demonstration for Swell at [6:52](#) and Gate at [7:37](#))

4.9 AUTO-INF (Auto-Infinite)

Automatically triggers a reverb wash for each note or chord, crossfading to the new reverb when a new note is struck. (See video demonstration at [8:46](#))

4.10 SHIM (Shimmer)

Generates a rich octave-shifted reverb wash that modulates and blossoms behind your signal. (See video demonstration at [1:51](#))

4.11 POLY (Polyphonic)

Features two configurable bi-directional pitch shifts operating on your pre-reverb signal, allowing for disorienting soundtracks or creative harmonies. (See video demonstration for 12 String at [7:55](#) and Organ at [8:21](#))

4.12 Video Demonstrations

For a comprehensive demonstration of the various reverb modes and their sounds, please watch the official product video below:

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Video 1: Official demonstration of the Electro-Harmonix Oceans 11 Reverb Pedal's features and 11 reverb modes.

5. SETUP

5.1 Power Connection

Connect the provided 9V DC power supply to the 9V power input jack on the side of the pedal. Ensure the power supply meets the pedal's requirements (9V DC, center-negative).

5.2 Audio Connections

1. Connect your instrument (e.g., guitar) to the **INPUT** jack using a standard 1/4-inch instrument cable.
2. Connect the **OUTPUT** jack to your amplifier or the input of the next pedal in your signal chain using another 1/4-inch instrument cable.

6. OPERATING INSTRUCTIONS

6.1 Selecting Reverb Modes

Press the **MODE** button repeatedly to cycle through the 11 reverb types. The LED will indicate the currently selected mode (refer to the pedal's graphic for mode labels).

6.2 Using Secondary Knob Mode

To access secondary parameters for a selected reverb mode, hold down the **MODE** button. While holding, turn the **FX LVL**, **TIME**, or **STONE** knobs to adjust their respective secondary functions. Release the **MODE** button to return to primary knob control.

6.3 Activating Infinite Reverb

To activate infinite reverb, press and hold the footswitch. The reverb will sustain indefinitely. Release the footswitch to disengage infinite reverb. An optional external footswitch can be connected to the **INFINITE** jack for this function.

6.4 Tails Switch Functionality

Set the **TAILS** switch to the desired position. In the 'On' position, reverb trails will naturally decay after the pedal is bypassed. In the 'Off' position, the reverb will cut off immediately when bypassed.

7. SPECIFICATIONS

Specification	Value
Item Weight	1.28 pounds (0.58 Kilograms)
Product Dimensions	4.5 x 2.75 x 2.1 inches (11.43 x 6.98 x 5.33 cm)
Item Model Number	Oceans 11
Power Source	Electric (9 Volts DC, center-negative)
Connector Type	1/4 inch (6.35mm) audio jack
Hardware Interface	1/4-inch Audio
Signal Format	Analog

8. MAINTENANCE

To ensure the longevity and optimal performance of your Oceans 11 pedal, follow these maintenance guidelines:

- Keep the pedal clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the pedal to extreme temperatures, humidity, or direct sunlight.
- Do not use abrasive cleaners or solvents, as these can damage the finish and internal components.
- Ensure all cable connections are secure before operation.
- Always use the specified 9V DC center-negative power supply. Using an incorrect power supply can damage the unit and void the warranty.

9. TROUBLESHOOTING

If you encounter issues with your Oceans 11 pedal, refer to the following common troubleshooting steps:

- **No Sound:**
 - Check all cable connections (instrument to input, output to amp).
 - Verify the power supply is correctly connected and functioning.

- Ensure your instrument and amplifier are working correctly by testing them without the pedal.
- Check the FX LVL knob; if it's set to minimum, no effect sound will be heard.
- **Effect Not Engaging:**
 - Press the footswitch firmly to ensure it engages. The LED should illuminate when the effect is active.
- **Unwanted Noise/Hum:**
 - Ensure you are using a high-quality, isolated power supply.
 - Check for faulty cables.
 - Move the pedal away from other electronic devices that might cause interference.
- **Reverb Cuts Off Abruptly:**
 - Check the position of the **TAILS** switch. If it's in the 'Off' position, the reverb will cut off when bypassed.

If these steps do not resolve your issue, please contact Electro-Harmonix customer support for further assistance.