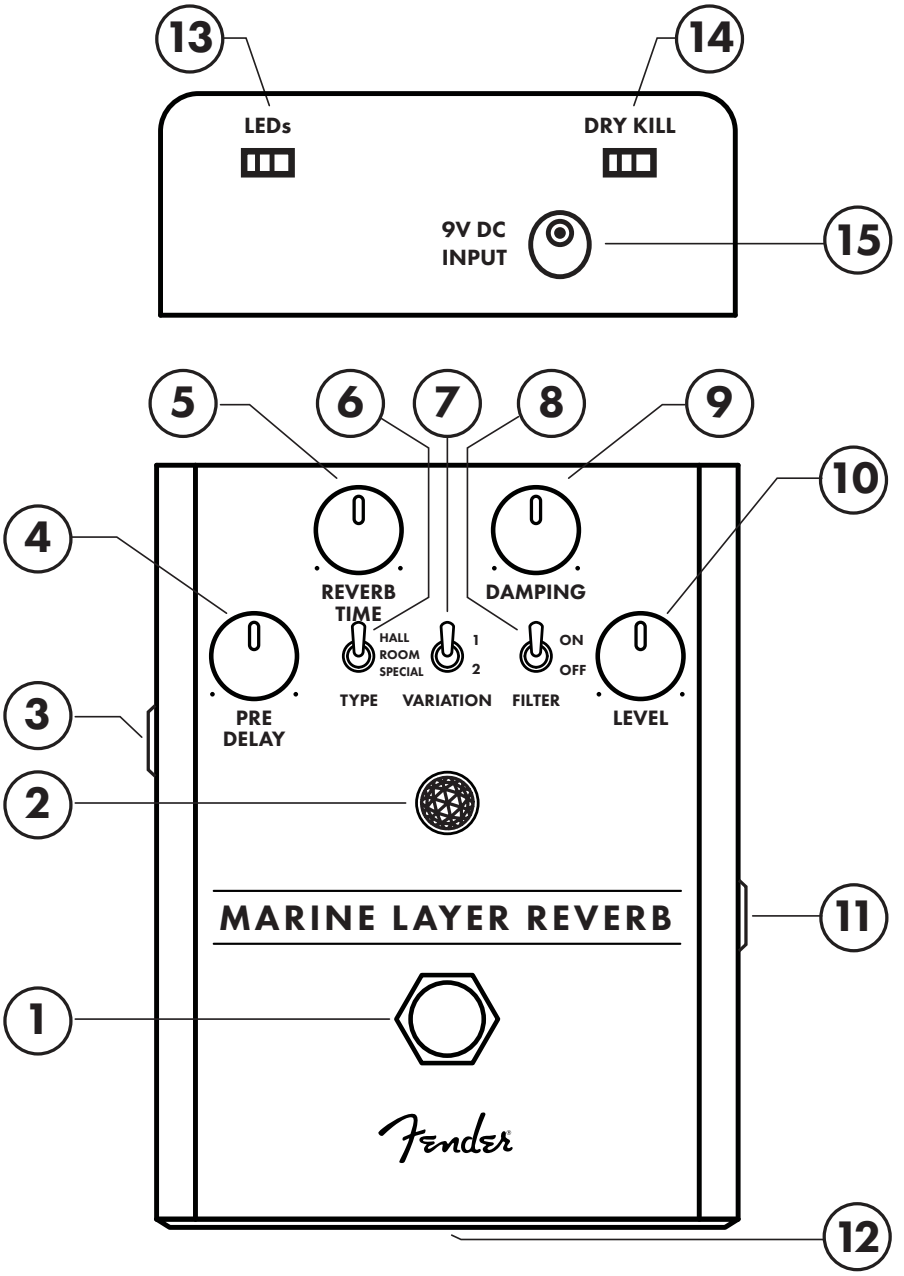
Fender®

MARINE LAYER REVERB



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MARINE LAYER REVERB

Thank you for purchasing the Marine Layer Reverb—a versatile, easy-to-use and richly featured digital reverb. It delivers six high-quality reverb models, with advanced features such as a Dry Kill switch for use with amplifiers with parallel effects loops. The Marine Layer also offers buffered bypass operation, in which the footswitch allows reverb tails to fade out naturally when the pedal is turned off.

DESIGNED IN CALIFORNIA, U.S.A.

Reverb Time

This control adjusts the reverb decay time, or length of the reverb signal. Counterclockwise settings produce smaller room and ambient sounds, while settings closer to fully clockwise can produce the sound of huge spaces and ethereal drones. Try playing with the Damping and Filter controls with higher reverb time settings.

Level

This control adjusts how much reverb is mixed in with the dry signal. No reverb is present in the fully counterclockwise position. In the fully clockwise position, the wet-dry mix is about 50/50. When Dry Kill is active and this control is fully counterclockwise, no output is produced. This is normal.

Damping

This control affects the decay of the reverb signal. When fully counterclockwise, reverb gets darker as it fades out; when fully clockwise, reverb decays more evenly. Lower settings can help prevent muddiness.

Pre Delay

The Pre Delay control adds an adjustable amount of delay before the reverb decay. This is useful to add clarity in that the pre-delay provides a slight separation between the original guitar note and the reverb signal.

Type Switch

This switch selects Hall, Room or Special algorithms for the main reverb.

Variation Switch

This switch toggles between two variations for each reverb type selection (see “Algorithm Descriptions” section).

Filter Switch

The Filter switch decreases treble frequencies in the reverb signal and can make any setting sound warmer and less obtrusive. Both switch settings can be used in combination with various Damping control settings to get the desired amount of brightness or warmth.

Jewel Indicator
The Jewel Indicator shows when the reverb is active.

Footswitch
The footswitch mutes the input to the reverb engine. When turned off, it lets reverb tails fade out naturally.

Input Jack
This is a high-impedance input suitable for electric guitar, bass, acoustic guitar with a pickup system, keyboards and other instruments.

Output Jack
This is a low-impedance output jack that connects to the amp or to the next effect pedal in the signal chain.

DC Power Connector
This is a standard center-negative 9VDC jack for use with appropriate power supplies.

Dry Kill Switch
The Dry Kill switch removes the original dry guitar signal from the output, leaving only the wet reverb signal. With parallel effects loops in a guitar amplifier, the idea is to always keep the original instrument signal in the amp and use the effects loop only for the wet signal. For normal use on a pedalboard, leave this switch in the off position.

LED Kill Switch
This switch extinguishes the LEDs that illuminate the knobs—useful in maximizing battery life when running the pedal from batteries.

Low Battery Indicator
This red LED on the front of the battery door illuminates when battery voltage drops below a set threshold, indicating that the battery should be replaced soon.

Algorithm Descriptions

Hall,Variation 1
A versatile large space for anything from an “always on” effect to an expansive pad behind chords and swells.

Hall, Variation 2
A brighter, resonant effect that evokes one of the early studio tricks for emulating acoustic spaces—plate reverb. Excellent as a general-purpose guitar reverb, as its frequency response can sit well in a mix.

Room, Variation 1
A room reverb that ranges from a conference room to a large studio tracking space.

Room, Variation 2
A small, sparse ambience. Try turning the Pre-Delay and Level up and the Reverb Time down for an old-school ’50s sound.

Special, Variation 1
When some famous producers got the idea to put an octave-up pitch shifter and delay *after* a reverb and then have some of the pitch-shifted output fed back into the reverb, the shimmer effect was born. Great for notes that bloom and grow as they fade out.

Special, Variation 2
A huge modulated reverb that can feel like a dreamy cloud under and around your guitar. Either that, or the fog machine went haywire again.

A PRODUCT OF:
FENDER MUSICAL INSTRUMENTS CORPORATION
CORONA, CALIFORNIA, USA

P/N 7713291000 - REV A

Important Safety Instructions

- WARNING: To prevent damage, fire or shock hazard, do not expose the unit or its AC power to rain or moisture.
- Do not alter the AC plug of the connected power adapter
- Do not drip or splash liquids on the unit.
- No user serviceable parts inside, refer servicing to qualified personnel only.
- WARNING: The unit must only be connected to a safety agency certified, regulated, power source (adapter), approved for useand compliant with applicable local and national regulatory safety requirements.
- Unplug the AC power adapter before cleaning the unit exterior. Use only a damp cloth for cleaning and then wait until the unit is completely dry before reconnecting it to power.
- Amplifiers and loudspeaker systems, and ear/headphones (if equipped) are capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.

THIS DEVICE COMPLIES WITH PART 15 OF FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

Languages

Manual available in **Espanol, francais, Italiano, Deutch, Portugues, (Chinese)**
www.fender.com/support

Expanded Owner's Manual

Expanded Owner's Manual available at:
www.fender.com/support

Specifications

IMPEDANCES:	INPUT: 1MΩ OUTPUT LOAD: >10kΩ
POWER SUPPLY:	One 9V battery or 9VDC regulated adapter, 5.5 x 2.1 mm barrel connector, center negative
POWER REQUIREMENTS:	71mA @ 9VDC +–⊙–- 115mA, Total Current Consumption
DIMENSIONS:	3.75" x 4.9" x 2.5" (95.25mm x 124.5mm x 63.5mm)
WEIGHT:	1.2lbs (.54kg)

Product specifications subject to change without notice

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产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
箱体	O	O	O	O	O	O
喇叭单元*	O	O	O	O	O	O
电子部分	X	O	X	O	O	O
接线端子	X	O	O	O	O	O
电线	X	O	O	O	O	O
附件	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。
O：表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
X：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。
注：含有有害物质的部件由于全球技术发展水平限制而无法实现有害物质的替代。

*产品含有喇叭单元时有效。