

*Fender*<sup>®</sup>

**HAMMERTONE**<sup>™</sup>

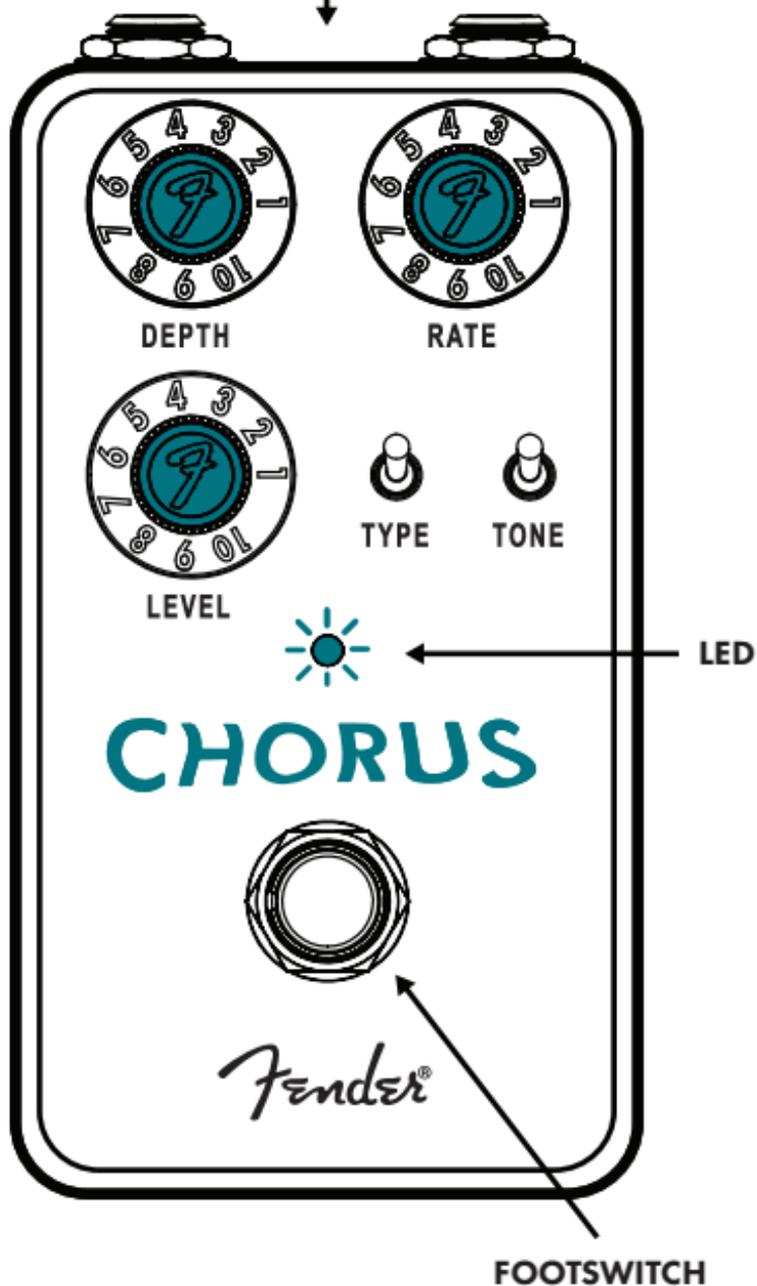
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**CHORUS**

DC POWER CONNECTOR

OUTPUT JACK

INPUT JACK



Fender®

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## HAMMERTONE CHORUS

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Thanks for purchasing the Hammertone Chorus — a classic modulation effect that adds depth, dimension and texture to your sound.

Fine-tune the chorus character with depth, rate and level controls, and use the Type and Tone switches to tailor and multiply chorus effects even more. Chorus is an indispensable effect in the arsenal of any guitarist and bassist, and the Hammertone Chorus puts this time-honored time-shifting effect at your feet in every shade from subtle to striking.

## **OUTPUT JACK**

Low-impedance output connects to amp or next pedal in signal chain.

## **INPUT JACK**

High-impedance input for electric guitar, bass, acoustic guitars with pickup systems, keyboards and other instruments.

## **DC POWER CONNECTOR**

Connect DC adapter here. Standard center-negative 9VDC jack for use with appropriate power supplies.

## **DEPTH CONTROL KNOB**

Adjusts amount of pitch shift in the doubled sound, which gives the chorus effect its signature quavering quality. Set lower for more subtle chorus effect; set higher for more pronounced chorus effect.

## **RATE CONTROL KNOB**

Adjusts rate, or modulation speed, of chorus effect. Set lower for a slower and more gradual chorus effect; set higher for faster and more vibrato-like chorus effect.

## **LEVEL CONTROL KNOB**

Turn to set level of chorus effect. This adjusts the ratio between the original and doubled signals. Set lower for a less-pronounced amount of chorus; set higher for heavier chorus effect.

## **TYPE SWITCH**

Three-position switch for choosing single-, two- and four-voice choruses. Single-voice mode (up) is most like a traditional analog chorus. Two-voice mode (middle) adds another voice with more delay and modulation. Four-voice mode (down) adds two more voices with additional delay. Base delay times for the four delays are 14mS, 23mS, 29mS and 35mS. As chorus voices are added, pedal automatically drops level of the other voices so that volume stays the same while changing modes.

## **TONE SWITCH**

Down position filters low end for a cleaner chorus effect that sits better in some mixes; up position delivers an unfiltered, thicker chorus sound.

## **LED**

Illuminates when effect is on.

## **FOOTSWITCH**

Turns effect on and off.



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### IMPORTANT SAFETY INSTRUCTIONS

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- **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 use and 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 UNDESIRE OPERATION.

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### ADDITIONAL LANGUAGES

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Manual available in additional languages at  
[www.fender.com/support](http://www.fender.com/support)

### SPECIFICATIONS

#### IMPEDANCES POWER SUPPLY

Input: 500k $\Omega$       Output: 470 $\Omega$   
100mA min @ 9VDC regulated adapter +——  
5.5 x 2.1 mm barrel connector (not included)

#### POWER REQUIREMENTS DIMENSIONS

9VDC  
2.44" x 4.4" x 2.2" (62mm x 111.8mm x 55.9mm)

#### WEIGHT

0.50 lbs (0.23kg)



Product specifications subject to change without notice



# Fender

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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。