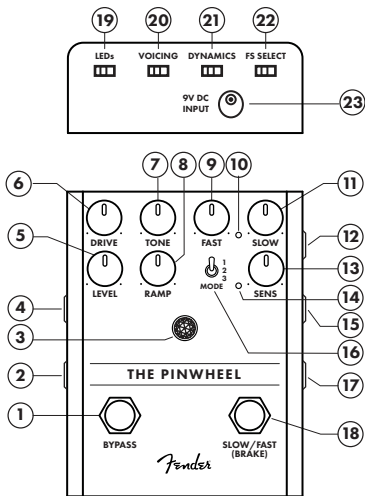


Fender

THE PINWHEEL



- | | |
|---------------------------------|---------------------------------|
| 1. Bypass Footswitch | 13. Sensitivity |
| 2. Right Output Jack | 14. Sensitivity LED |
| 3. Jewel Indicator | 15. Right Input Jack |
| 4. Left/Mono Output Jack | 16. Mode Switch |
| 5. Level | 17. Left/Mono Input Jack |
| 6. Drive | 18. Slow/Fast Footswitch |
| 7. Tone | 19. LED Kill Switch |
| 8. Ramp | 20. Voicing Switch |
| 9. Fast | 21. Dynamics Switch |
| 10. Rate LED | 22. FS Select Switch |
| 11. Slow | 23. DC Power Connector |
| 12. Exp/FS Input Jack | |

Fender®

THE PINWHEEL

Thanks for purchasing The Pinwheel! This Rotary Speaker Emulator pedal makes it easy to add this unmistakable swirling sound to your tonal toolbox. Switchable Slow and Fast speeds let you spin up the perfect sound for your music, while the onboard Drive adds some texture to your tone. The Sensitivity control allows modulation rate changes based on your playing dynamics—dig in and the effect gets more intense.

DESIGNED IN CALIFORNIA, U.S.A.

Drive

The Drive control adds amp-like saturation to your instrument's signal, just like classic rotary speaker cabinet and amplifier rigs.

Tone

This control affects the amount of high-frequency (treble) content in your instrument's signal. Counter-clockwise sounds are darker, while the clockwise sounds are brighter.

Fast

This control sets the speed of the modulation when The Pinwheel's **Fast** mode is engaged. Counter-clockwise settings are slower, and the clockwise settings are faster.

Rate LED

This LED blinks at the selected speed of The Pinwheel's modulation.

Slow

This control sets the speed of the modulation when The Pinwheel's **Slow** mode is engaged. Counter-clockwise settings are slower, and the clockwise settings are faster.

Level

The Level control adjusts the amount of the modulated signal added to your instrument's dry signal.

Ramp

The Ramp control adjusts the amount of time it takes for The Pinwheel to speed up or slow down between the **Fast** and **Slow** settings for realistic rotary speaker cabinet sounds.

Mode Switch

This toggle lets you change between three different rotary speaker modes. **Mode 1** is a voiced like the familiar 122-style twin rotor speaker cabinet. **Mode 2** is modeled after a 145-style speaker cabinet—this voice has less pronounced low end and works well with both keys and guitars. **Mode 3** is based on Fender's own Vibratone speaker cabinet—which created its unique sound by utilizing a rotating baffle in front of the speaker.

Sensitivity

When the **Slow** mode is engaged, the Sensitivity control adjusts the threshold for The Pinwheel's dynamically controlled rate. As the Sensitivity is turned clockwise, The Pinwheel can automatically switch from **Slow** to **Fast** settings with the changes in your instrument's volume—softer playing will keep The Pinwheel set to your **Slow** settings; louder playing will send The Pinwheel ramping up to your **Fast** settings. Turn the Sensitivity control fully counter-clockwise to disable this feature.

Sensitivity LED

This LED will illuminate when your instrument's signal passes the threshold set with the Sensitivity control to ramp The Pinwheel's chorusing speed from the **Slow** settings to the **Fast** settings.

Jewel Indicator

The Jewel Indicator shows when the modulation effect is active.

Bypass Footswitch

This footswitch is used to bypass the effect.

Slow/Fast Footswitch

This footswitch is used to toggle between the **Slow** and **Fast** modulation speeds. Push down and hold the footswitch to bring the virtual rotor to a stop.

EXP/FS Input Jack

Use this jack to connect any standard TRS connected expression pedal to remotely control the rate of The Pinwheel's modulation. You may also connect a remote footswitch to control to **Fast/Slow Footswitch's** functionality.

Right Input Jack

This is a high-impedance input suitable for electric guitar, bass, acoustic guitars with pickup systems, keyboards and other instruments. Use this jack in conjunction with the **Left/Mono Input Jack** to integrate The Pinwheel into stereo signal chains.

Left/Mono Input Jack

This is a high-impedance input suitable for electric guitar, bass, acoustic guitars with pickup systems, keyboards and other instruments. Use this jack in mono signal paths or in conjunction with the **Right Input Jack** to integrate The Pinwheel into stereo signal chains.

Right Output Jack

This is a low-impedance output jack that connects to the amp or to the next effect pedal in a stereo signal chain. Use this jack in conjunction with the **Left/Mono Output Jack** to integrate The Pinwheel into stereo signal chains.

Left/Mono Output Jack

This is a low-impedance output jack that connects to the amp or to the next effect pedal in a mono signal chain. Use this jack in mono signal paths or in conjunction with the **Right Output Jack** to integrate The Pinwheel into stereo signal chains.

DC Power Connector

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

LED Kill Switch

This switch extinguishes the LEDs that illuminate the knobs.

Voicing Switch

This switch lets you choose between a platform ideal for either a guitar's frequency response or one designed for a keyboard's response.

Dynamics Switch

This switch will disengage The Pinwheel's dynamically controlled rate functionality.

FS Select Switch

Use this switch to set The Pinwheel's **Exp/FS Input Jack** for use with an expression pedal or an external footswitch.

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

Fender® is a registered trademark of FMIC.

Copyright © 2019 FMIC. All rights reserved.

P/N 7715390000 - REV B

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 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.

Additional Languages

Manual available in additional languages at:
www.fender.com/support

Specifications

IMPEDANCES:	INPUT: 500kΩ	OUTPUT LOAD: >10kΩ
POWER SUPPLY:	9VDC regulated adapter, 5.5 x 2.1 mm barrel connector, center negative	
POWER REQUIREMENTS:	350mA @ 9VDC +—⊖—	
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



Fender®

© FENDER MUSICAL INSTRUMENTS 2019

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。