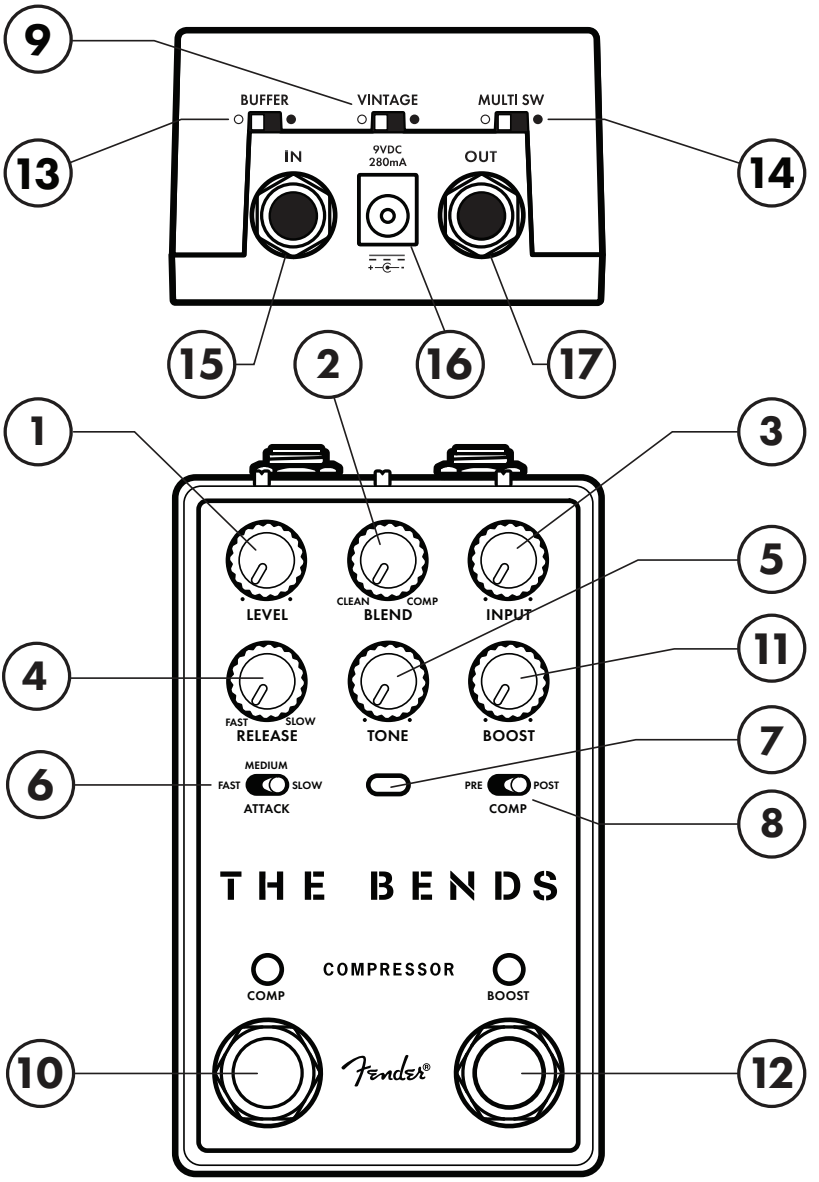
THE BENDS

COMPRESSOR

Fender® | EFFECTS



COMPRESSOR CONTROLS

1. Level
2. Blend
3. Input
4. Release
5. Tone
6. Attack Switch
7. Compression LED
8. Comp Position Switch
9. Vintage Switch
10. Footswitch/LED

BOOST CONTROLS

11. Boost
12. Footswitch/LED

GLOBAL CONTROLS

13. Buffered Bypass Switch
14. Multiswitch
15. Input Jack
16. Power Jack
17. Output Jack

THE BENDS V2

An intuitive compressor/boost combo offering low-noise compression in both modern and vintage tube flavors, the Bends V2 is ideal for guitar and bass and uses Operational Transconductance Amplifier technology for real-time gain control based on your playing's signal level. Put simply, it compresses your signal dynamics smoothly and naturally, balancing the volume of louder and quieter sections while adding sustain and thickness.

The Bends V2 simplifies compression to three clearly labeled controls — a three-speed Attack switch, a fine-tuned Release control and an Input control. Use the active Tone control to make up for any lost sparkle, and dial in the Blend control for the perfect balance of clean dynamics and compression. The Vintage switch reshapes the circuit from a crisp, surgical action to a beautifully colored smooth compression with a hint of natural saturation. Using the Comp Pre/Post circuit, place the ultra-clean boost before the compression for soaring Nashville-style sustain or put it after the comp for a solo boost to hit your next effects.

Featuring an independent boost circuit, flexible multi-function footswitches, buffered and true bypass modes, the Bends V2 is a fully featured compressor that brings natural feeling dynamic control to any instrument.

COMPRESSOR CONTROLS

LEVEL: Adjusts compressor circuit output volume.

BLEND: Adjusts mix of compression signal and unaffected clean signal. Full counterclockwise is clean only; full clockwise is compressor only. Try setting control to full compression (clockwise) while adjusting other controls, then turning counterclockwise to blend in clean tone.

INPUT: Adjusts signal volume fed to compression circuit input. Increasing input level (clockwise) feeds more signal to the compression trigger and generates more aggressive compression.

RELEASE: Adjusts compression action release time, changing the time it takes for compressor to return to original gain amount once playing has stopped. Turn clockwise for longer release time.

TONE: Active treble control affects compression circuit output before BLEND control. Center detent marks flat frequency response; turn counterclockwise to cut treble and clockwise to boost it.

ATTACK SWITCH: Three-way switch selects among three compression circuit attack speeds (the time it takes for compression action to affect the signal). The shorter the attack speed, the quicker the compressor action.

COMPRESSION LED: Illuminates red to indicate active compression; useful in setting INPUT, ATTACK SWITCH and RELEASE controls. Set INPUT control so that loud playing causes LED to illuminate but remain off during soft-to-medium playing, then adjust attack and release times, noting when LED illuminates (attack) and extinguishes (release).

COMP POSITION SWITCH: Determines compression/boost circuit signal order. Place compressor pre-boost to use boost circuit to increase overall volume, or post-boost to use boost to increase sustain.

VINTAGE SWITCH: Softens compressor knee when on (•) and alters frequency response for more smooth and naturally saturated compression tone.

FOOTSWITCH/LED: Turns compression on and off using bypass mode determined by rear BUFFERED BYPASS SWITCH. LED illuminates when effect is on. When rear MULTISWITCH is on, footswitch is latching when tapped and momentary when held. Holding switch down turns effect on/off for as long as switch is held down.

BOOST CONTROLS

BOOST: Adjusts boost circuit volume level.

FOOTSWITCH/LED: Turns boost effect on/off using the bypass mode determined by the rear BUFFERED BYPASS SWITCH. LED Illuminates when effect is on. When rear MULTISWITCH is on, footswitch is latching when tapped and momentary when held. Holding switch down turns effect on/off for as long as switch is held down.

GLOBAL CONTROLS

BUFFERED BYPASS SWITCH: Selects bypass state pedal enters when turned off. ON (•) selects buffered bypass; OFF (◦) selects true bypass.

MULTISWITCH: When enabled (•), both footswitches have latching and momentary functionality. When disabled (◦), both footswitches have latching-only functionality.

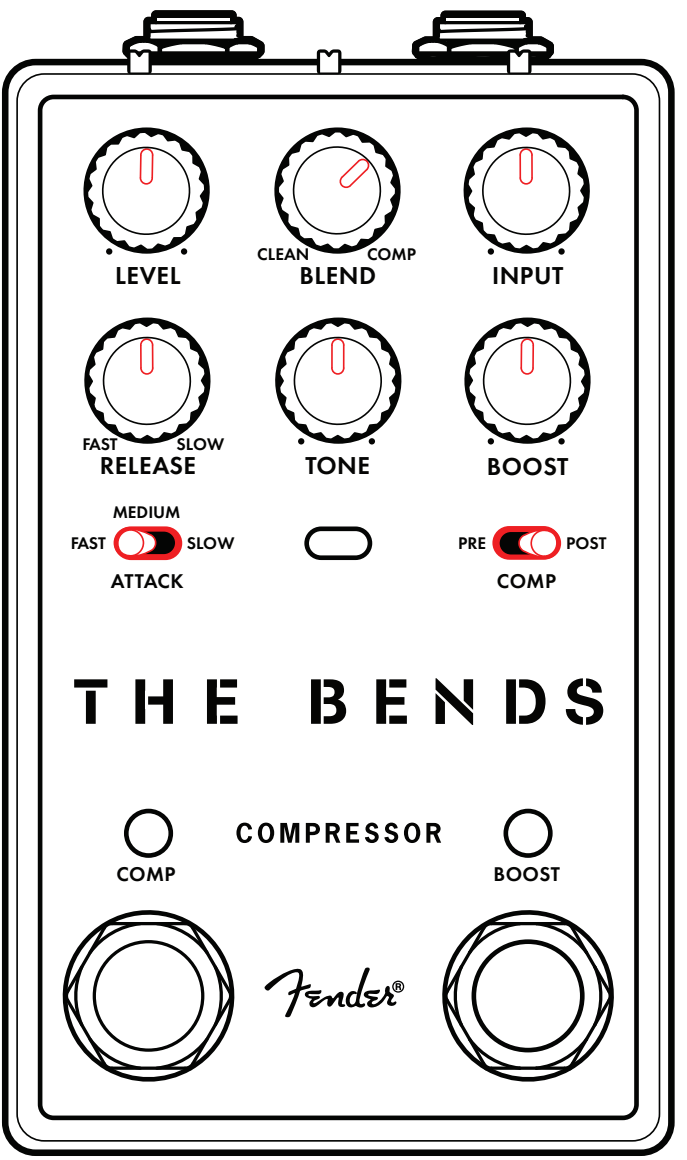
INPUT JACK: High-impedance input for guitar and other instruments.

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

OUTPUT JACK: Low-impedance output connects to amp or to next pedal in signal path.

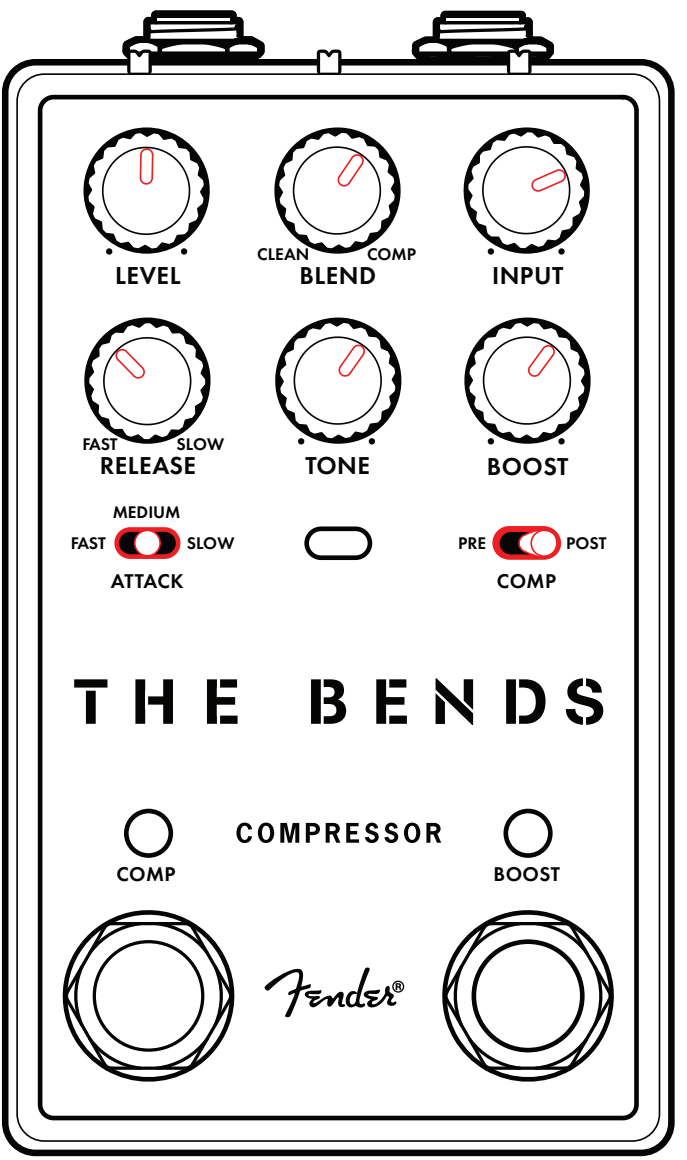
LIGHT COMPRESSION

Setting the INPUT and RELEASE controls to the middle of their ranges will provide a light compression for most instruments while introducing a natural-feeling extended sustain. Blend in some of your clean tone for an even more natural response; subtly balancing your playing dynamics.



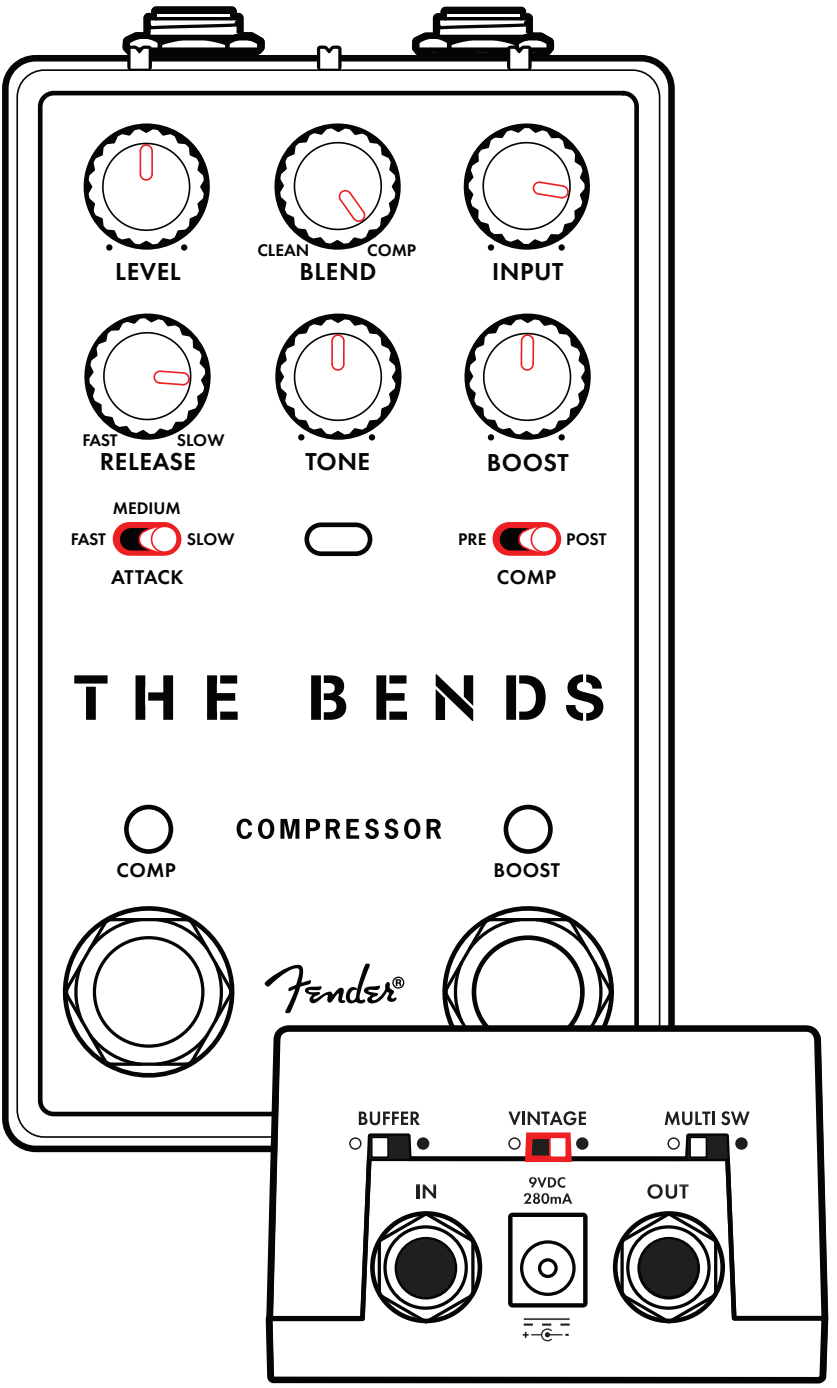
NASHVILLE STYLE

Take a cue from an old Nashville trick and place the compression circuit after the boost for increased clarity and sustain by setting the COMP switch to POST. Setting the BOOST control to a medium range will help goose the compression trigger, providing a great platform for sparkling clean guitar tones that keep each note ringing.



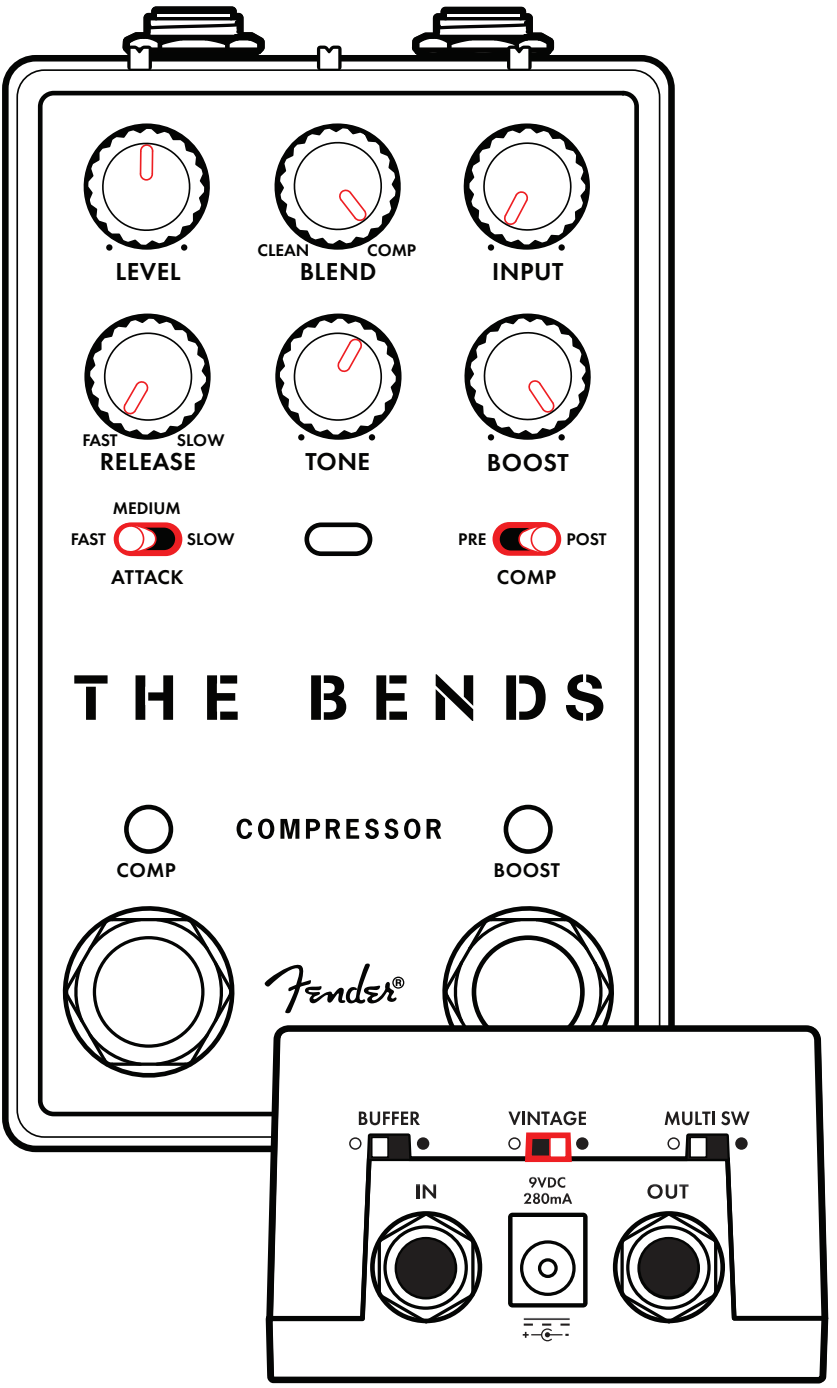
SMOOTH VINTAGE COMPRESSION

Engaging the VINTAGE SWITCH on the back of the unit adds analog warmth and a softer knee to the compression. Use higher INPUT settings and slower attack and release settings in the vintage mode to achieve a rich and velvety response that glues your dynamics together with a warm coloration.



SATURATED CONSOLE COMP

When the VINTAGE SWITCH on the back of the unit is engaged, you can push the compression circuit to the limits of saturation by placing the compression after the boost, cranking the BOOST control and dialing back the INPUT control to a low setting. The settings below are an extreme example; dial it back to your preference to add pushed studio compressor-style clipping to your tone.



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IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all 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 UNDESIRED OPERATION.

ADDITIONAL LANGUAGES

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

SPECIFICATIONS

IMPEDANCES	Input: 1MΩ Output: 470Ω
POWER SUPPLY	280mA min @ 9VDC regulated adapter +—◉—- 5.5 x 2.1mm barrel connector (not included)
POWER REQUIREMENTS	9VDC
DIMENSIONS	2.44" x 4.4" x 2.2" (62mm x 111.8mm x 55.9mm)
WEIGHT	0.83 lbs. (0.38kg)

Product specifications subject to change without notice

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