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Keeley KCav2, 3PDCP06

Keeley Caverns V2 Reverb and Delay Pedal and MXR Patch Cable User Manual

Model: KCav2 (Pedal), 3PDCP06 (Patch Cables)

PRODUCT OVERVIEW

The Keeley Caverns V2 is a dual-effect pedal combining high-quality delay and reverb effects, designed for guitarists seeking versatile time-based effects in a compact form factor. It features Keeley's analog-style tape delay with modulation options and offers Spring, Shimmer, or Modulated Reverb. The pedal includes a True-Bypass or Trails option for flexible signal routing.

This bundle also includes a 3-pack of MXR Patch Cables (6 inches / 15 cm). These cables are designed for connecting effects pedals on a pedalboard, featuring oxygen-free copper conductors and spiral shields for clear signal transmission, and flat, low-profile right-angle ends for efficient space utilization.



Image: Keeley Caverns V2 pedal shown alongside the MXR 3-pack patch cables.

SETUP AND CONNECTIONS

Proper setup ensures optimal performance and sound quality. Follow these steps to integrate your Keeley Caverns V2 pedal and MXR patch cables into your signal chain.

Keeley Caverns V2 Pedal Setup

- **Power Supply:** The Caverns V2 pedal requires a 9V DC center-negative power supply (not included) with a minimum of 75mA. Connect the power supply to the 9VDC input jack on the top of the pedal.
- **Input Connection:** Connect your guitar or the output of a preceding effects pedal to the "IN" jack on the top of the Caverns V2 using a standard 1/4-inch instrument cable.
- **Output Connection:** Connect the "OUT" jack of the Caverns V2 to your amplifier's input or the input of the next effects pedal in your chain using a standard 1/4-inch instrument cable.
- **True-Bypass/Trails Option:** The Caverns V2 offers a switchable True-Bypass or Trails option. Refer to the pedal's specific instructions (often an internal dip switch or external toggle) for how to select this mode. Trails mode allows the delay and reverb to naturally decay after the effect is disengaged.

MXR Patch Cable Usage

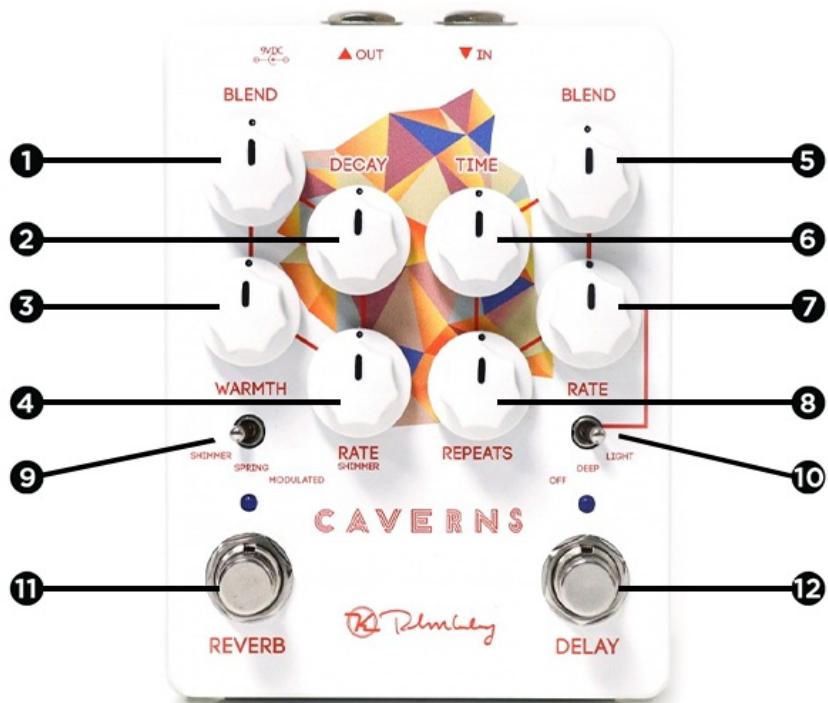
- **Connecting Pedals:** Use the MXR patch cables to connect the output of one effects pedal to the input of another. The right-angle connectors are ideal for minimizing space between pedals on a pedalboard.
- **Cable Management:** Arrange cables neatly to prevent tangles and accidental disconnections. The flat profile of these cables assists in maintaining a tidy pedalboard.



Image: MXR 6-inch patch cables with right-angle connectors, designed for pedalboard use.

OPERATING THE KEELEY CAVERNS V2 PEDAL

The Caverns V2 pedal features intuitive controls for both its delay and reverb sections. Familiarize yourself with each knob and switch to sculpt your desired sound.



EFFECT TYPE: DELAY AND REVERB WITH MODULATION AND SWITCHABLE TRAILS
POWER REQUIREMENT: 9VDC CENTER NEGATIVE, 75mA+ POWER SUPPLY REQUIRED
INPUT/OUTPUT: MONO INSTRUMENT INPUT, MONO INSTRUMENT OUTPUT

Image: Diagram of the Keeley Caverns V2 pedal with numbered controls.

Keeley Caverns V2 Control Descriptions

No.	Control	Function
1	BLEND (Reverb)	Adjusts the mix of the dry signal with the reverb effect. Turn clockwise for more reverb.
2	DECAY (Reverb)	Controls the length of the reverb tail. Higher settings result in longer decay times.
3	WARMTH (Reverb)	Shapes the tone of the reverb, from brighter to warmer sounds.
4	REVERB Mode Switch	Selects the reverb type: <i>Shimmer</i> : Adds an octave-up effect to the reverb tail. <i>Spring</i> : Emulates a classic spring reverb tank. <i>Modulated</i> : Adds a subtle chorus-like modulation to the reverb.
5	BLEND (Delay)	Adjusts the mix of the dry signal with the delay effect. Turn clockwise for more delay.
6	TIME (Delay)	Sets the delay time, from short slapback to longer echoes (up to 650ms).
7	RATE (Delay)	Controls the rate of the modulation applied to the delay.
8	DELAY Mode Switch	Selects the delay modulation depth: <i>Light</i> : Subtle modulation. <i>Off</i> : No modulation. <i>Deep</i> : Pronounced modulation.
9	REVERB Footswitch	Engages or disengages the reverb effect. The associated LED indicates status.
10	DELAY Footswitch	Engages or disengages the delay effect. The associated LED indicates status.

No.	Control	Function
11	Reverb LED Indicator	Illuminates when the reverb effect is active.
12	Delay LED Indicator	Illuminates when the delay effect is active.

MAINTENANCE

Regular maintenance helps prolong the life of your Keeley Caverns V2 pedal and MXR patch cables.

- **Cleaning:** Use a soft, dry cloth to clean the pedal and cables. Avoid abrasive cleaners or solvents, which can damage the finish or internal components.
- **Storage:** Store the pedal and cables in a cool, dry place away from direct sunlight and extreme temperatures. When not in use, disconnect all cables and power.
- **Cable Care:** Avoid sharp bends or kinks in the patch cables, as this can damage the internal wiring. Coil cables loosely when storing.
- **Connections:** Periodically check all jacks and plugs for cleanliness and secure connections. Dirty or loose connections can cause signal loss or noise.

TROUBLESHOOTING

If you encounter issues with your Keeley Caverns V2 pedal or MXR patch cables, refer to the following common problems and solutions.

Problem	Solution
No sound when pedal is engaged.	<ul style="list-style-type: none"> ○ Ensure the power supply is correctly connected and providing 9V DC center-negative power. ○ Check all instrument cable connections (input, output) for secure fit. ○ Verify that the pedal's footswitch LED is illuminated when engaged. ○ Test with different cables to rule out faulty patch cables.
Excessive noise or hum.	<ul style="list-style-type: none"> ○ Ensure you are using a regulated power supply designed for guitar pedals. ○ Check for ground loops in your setup. ○ Verify that all patch cables are fully inserted and not damaged. ○ Keep power cables away from audio cables to minimize interference.
Delay or Reverb effect is too subtle/overpowering.	<ul style="list-style-type: none"> ○ Adjust the respective BLEND knob (Delay or Reverb) to increase or decrease the effect mix. ○ For delay, adjust the REPEATS knob. For reverb, adjust the DECAY knob.

Problem	Solution
Cables not working.	<ul style="list-style-type: none"> Inspect the cable ends for any visible damage or bent pins. Test the cable with another known working device or pedal. Ensure the cable is fully inserted into both jacks.

SPECIFICATIONS

Keeley Caverns V2 Reverb and Delay Pedal

- Effect Type:** Delay and Reverb with Modulation
- Delay Time:** Up to 650ms (analog-style tape delay)
- Reverb Types:** Spring, Shimmer, Modulated
- Bypass:** True-Bypass or Trails option
- Power Requirement:** 9V DC Center Negative, 75mA+ (Power supply not included)
- Input/Output:** Mono Instrument Input, Mono Instrument Output (1/4-inch jacks)
- Signal Format:** Analog
- Model:** KCav2

MXR Patch Cable 3 Pack

- Length:** 6 inches (15 cm)
- Connectors:** Right-angle 1/4-inch plugs
- Conductors:** Oxygen-free copper
- Shielding:** 90% coverage spiral shielding
- Jacket:** Durable PVC outer jacket
- Model:** 3PDCP06
- UPC:** [0710137091214](#)

WARRANTY AND SUPPORT

For warranty information and technical support regarding your Keeley Caverns V2 pedal, please refer to the official Keeley Electronics website or contact their customer service directly. MXR patch cables typically come with a limited lifetime warranty; details can be found on MXR's official website or product packaging.

For general inquiries or further assistance, you may also visit the [Keeley Store on Amazon](#).



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Related Documents - KCav2, 3PDCP06

	<p><u>Keeley Caverns V2 Delay Reverb Pedal: Controls and Features</u></p> <p>An overview of the controls and specifications for the Keeley Caverns V2 guitar effects pedal, detailing its versatile delay and reverb effects with modulation capabilities.</p>
	<p><u>Keeley Nocturne Reverb Pedal: Quick Start Guide</u></p> <p>Comprehensive quick start guide for the Keeley Nocturne reverb pedal. Discover its three unique reverb modes (HALO, Spring, Plate), control settings, and advanced power-up functions. Learn about Preset and WYSIWYG modes, expression pedal setup, and bypass options.</p>
	<p><u>Keeley ZOMA Stereo Reverb and Tremolo Pedal - User Manual</u></p> <p>User manual and guide for the Keeley ZOMA Stereo Reverb and Tremolo guitar effects pedal. Learn about controls, modes, secondary functions, and power-up options.</p>
	<p><u>Keeley HALO Andy Timmons Dual Echo Instruction Manual</u></p> <p>Comprehensive instruction manual for the Keeley HALO Andy Timmons Dual Echo guitar effects pedal, covering primary and secondary controls, footswitch functions, tap tempo, infinite hold, trails/true bypass, all wet/dry mode, preset management, expression pedal use, factory reset, and technical specifications.</p>
	<p><u>Keeley OAXA Dual True Stereo Phaser: Controls and Functions</u></p> <p>Detailed guide to the Keeley OAXA Dual True Stereo Phaser, explaining its controls, functions, bypass modes, and secondary features for guitarists.</p>
	<p><u>Keeley HALO Core Delay Pedal - User Manual and Features</u></p> <p>Detailed information on the Keeley HALO Core delay pedal, including controls, secondary functions, power requirements, and bypass modes. Learn how to use Andy Timmons' signature delay effect.</p>