

# Xotic Wah

## XW-1



*Xotic Effects*  
California, USA

*Xotic Effects*  
California, USA

## INTERNAL CONTROLS & FEATURES

**Relay Bypass Switching** - XW-1 uses a relay switch for true bypass switching.

**Input Gain** - Controls wah input gain - by turning clockwise it adds up to +6dB of Wah Boost. Input gain trimmer is only active when the #2 dip switch is activated.

**INTERNAL DIP SWITCHES** - see below for detail

### DEFAULT SETTINGS



### INPUT GAIN TRIMMER



#### 1. TOE DOWN RANGE:

Activate to maximize treble frequency. Turn off for darker toe-down frequency response.

#### 2. INPUT GAIN:

Input gain trimmer is only active when this switch is activated.

#### 3. PRESENCE CUT:

Activate for smoother high end.

#### 4. WAH Q FREQUENCY:

Activate for deeper vowel frequency response.

## SAMPLE SETTINGS



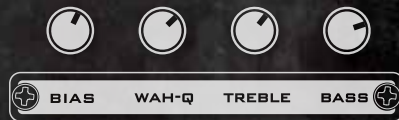
1967 VOX Clyde "Picture" Wah



1969 VOX Clyde "Metal Can" Wah



1968 VOX Clyde "Signature" Wah



Hot Rod Wah for Humbucker Pickups

## EXTERNAL CONTROLS & FEATURES

**BIAS CONTROL** – Turning up the bias control will lead the XW-1 to having slightly more output & firm up bass frequencies along with a more pronounced wah through the sweep. A cold bias is common with vintage wah pedals for a very clear voice that is more transparent in tone and smoother in operation.

**WAH Q CONTROL** – This knob adjusts the Q (the width of the filter peak) and in basic terms, adjusts the amount of the wah effect for precise filter shaping to achieve vocal-like effects.

**TREBLE & BASS CONTROL** – A two-band EQ with +/-15 dB center-detent potentiometers optimize the voicing for different playing styles and gear.



**ADJUSTABLE RUBBER STOPPER** – Located on the backside bottom of the treadle this rubber bumper can be shimmed to adjust the travel range of the pedal.

**ADJUSTABLE PEDAL TORSION** – Fully-adjustable rocker pedal torsion by adjusting Hex nut on the treadle.

**LED INDICATOR** – The LED indicator is located at the top of the XW-1 and lights up when the pedal is on. One unique feature of the XW-1 is the LED will flash if the battery power falls below 50% and indicates that it is time to change the battery.

**DC JACK** – 2.1mm x 5.5mm 9VDC – Negative Center. When using a battery, the life of the battery can be extended if you unplug the input plug when the effect is not in use for long periods of time. Battery access is through the removal of bottom plate (four rubber feet).



Xotic Wah XW-1 is modeled based on the Holy Grail wah, 1967-1968 Italian-built Clyde McCoy Wahs. With the Xotic XW-1 you don't get one or three sounds in one pedal, you get unlimited sounds with unique controls that shape and contour your sound the way you hear it! The adjustability and flexibility of the XW-1 makes this one of the most versatile wah pedals available today!

With the XW-1 you will enjoy some exciting and innovative features including:

Self-lubricating nylon bushing pivot for quiet and smooth operation with fully-adjustable rocker pedal tension.

Gold contact relay true bypassing, which allows for transparent true bypass tone, while incorporating ultra reliable switching with minimum one million life cycle. 20% smaller footprint than conventional wah pedals.

Fully adjustable Wah-Q and Bias controls and a two-band EQ with +/-15 dB center-detent potentiometers optimize the voicing for different playing styles and gear. Fuzz friendly buffering circuit assures a great sounding wah tone with your favorite fuzz pedals.



#### SPECIFICATIONS

Dimensions: D 8.27" (210mm) W 3.94" (100mm) H 2.64 (67mm)

Weight: 2.16lbs. (980g)

Power Consumption: 9VDC/5mA Battery Type: 9VDC (006P) x 1

AC Adapter (Optional): Regulated 9VDC / Negative Tips

Input Impedance: 1M $\Omega$  Output Impedance: 10K $\Omega$

Nominal Input Level -20 dBV

Bypass: True Bypass

### Warranty Information

This product is warranted against failures due to defective parts or faulty workmanship for a period of 1 year after delivery to the original owner. During this 1 year period, we, XOTIC EFFECTS will make necessary repairs without charge for parts and labor. However, shipping charges to and from the repair location must be paid by the owner.

\* This warranty applies only to the original owner and is not transferable.

\* This warranty does not cover damage to the product as a result from accident or misuse.

\* This warranty will be cancelled at the sole discretion of us if the product has;

1. Any signs of tampering, unauthorized service, or modifications.

2. Any damage resulting from physical abuse or failure to follow operating warning.

Please contact us via online form below prior to returning the unit to us for repair.

<http://main.xotic.us/contacts>

### XOTIC EFFECTS USA

14920 Calvert Street, Van Nuys, CA 91411 USA

<http://www.xoticeffects.com>

email: [support@xotic.us](mailto:support@xotic.us)

Note: For international customer, if you purchased the unit from a dealer in your country, please consult with the dealer before returning. You are responsible for all freight charges including custom duties. Also, check with your local Customs Authority and register the merchandise before sending it to the United States for repair. Every country's Customs Authority has a different procedure and documentation for repairs, so it is important that you check before you ship the unit back to us. This is important to avoid unnecessary custom duties.

*Xotic Effects*  
California, USA