

# LONE WOLF BLUES COMPANY LLC

## HARP SHIELD®

\*PATENT-PENDING

### ABOUT

Audio signals from the amplifier's speaker are picked up by the microphone and fed back into the amplifier where it is amplified again resulting in what we know as feedback; the Harp Shield will prevent this process from ever starting by using noise gate technology. The Harp Shield is designed to mute the microphone when you are not playing by decoupling the microphone from the amplifier, thus preventing feedback. With the Harp Shield, your microphone is muted when not playing. As you begin to play, the Harp Shield will unmute and allow your signal to pass through to the amp; when you stop playing, the pedal automatically mutes the microphone to prevent feedback. The pedal has a SENSITIVITY control to prevent background noises from opening the audio path and inducing feedback. In the event that feedback does occur, just press the footswitch, which is a momentary switch, to reset the pedal and stop the feedback. When using this pedal, it is still necessary to use proper microphone handling techniques to help prevent feedback while playing.

### SETTINGS

The only control is the SENSITIVITY control. With the control all the way CCW, the pedal is most sensitive and will allow virtually any signal to pass through the microphone. But the mic will be more susceptible to low-volume noises opening the pedal and inducing feedback. Turning the control CW, increases protection from feedback by requiring a higher level of audio to unmute the microphone and pass the audio. With the control turned too far CW, you may not be able to pass audio while playing softly. The foot switch is a momentary non-latching switch, it is not a bypass switch; pressing the switch mutes the microphone (kills the audio) and resets the gate, stopping feedback. The Harp Shield should go first in your pedal train.

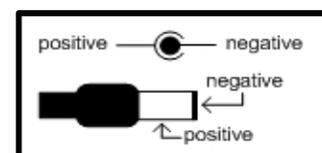
### POWER

The Harp Shield operates off of a 9V battery or a 9V DC power adapter. To make it all just a little easier Lone Wolf is offering a power supply for US and EURO customers to power your pedal. The AC adapter requirements are 9V DC with a minimum 100mA output and a 2.1mm x 5.5mm connector with a negative center and positive outside. The battery is switched OFF when an external power supply is used, and the unit is always powered whenever the mic is plugged in. **The IN jack acts as the ON/OFF switch and the pedal is ON as long as there is a cable plugged into the IN jack.**



### FEATURES

1. SENSITIVITY control
2. Audio-killing footswitch
3. 9V DC input (see drawing)
4. High impedance buffered input
5. Pedal ON/OFF LED
6. Reverse voltage polarity protection
7. 9V battery operation
8. 5-year warranty on parts and labor
9. If not satisfied, return within 60 days for a refund of the purchase price minus 4% credit card transaction fee



POWER PLUG

For more information visit [www.lonewolfblues.com](http://www.lonewolfblues.com)