

# MOOER

## FREE STEP

### Wah and Volume pedal

### Owner's Manual

## Precautions

**\*Please read carefully before proceeding\***

### Power Supply:

Please connect the designated AC adapter to an AC outlet of the correct voltage. Please be sure to use only an AC adapter which supplies 9V DC(±10%), ⊕-⊖ center negative. Unplug the AC power adapter when not in use or during electrical storms.

### Connections :

Always turn off the power and all other equipment before connecting or disconnecting. This will help prevent malfunction and damage to any of the devices. Make sure to unplug all connection cables and power cords before moving this unit.

### Location :

To avoid deformation, discoloration, or other serious damage, do not expose this unit to the following conditions :

- Direct sunlight
- Heat sources
- Magnetic fields
- High humidity or moisture
- Excessively dusty or dirty location
- Strong vibration or shock
- Extreme temperature or humidity

### Interference with other electrical devices and Cleaning :

Radios and televisions placed nearby may experience reception interference.

Operate this unit at a suitable distance from radios and televisions.

Clean only with a soft, dry cloth.

### Handling :

Do not apply excessive force to the switches or controls.

Do not let paper, metal, or other objects into this unit.

Take care not to drop the unit, and do not subject it to shock or excessive pressure.

### FCC certification

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

## Product description

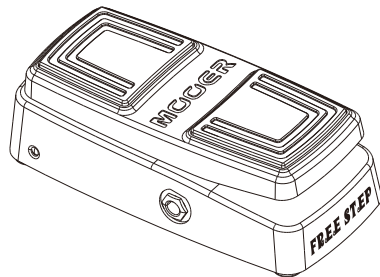
The Mooer Free Step brings together a vintage analogue Wah Wah and a very flexible volume control into one small, strong and comfortable expression pedal.

In Wah mode you can activate the effect at the touch of your sole using MOOER's innovative foot sensing circuit, or you can operate it using the more traditional 'toe down' footswitch method. Allowing you to leave it cocked in any position you like as a filter. The custom inductor can be dialed in to your favorite

Wah tone using the very convenient Q Range dial on the side of the pedal.

In Volume mode the Free Step will stay faithful in retaining every nuance and detail of your tone. It's smooth, seamless transition makes it a joy to use in any rig to control your volume. The heel down (minimum volume) can be easily adjusted and set anywhere in the range of 0%-50% using the handy min. vol. dial on the side of the pedal.

All of this is wrapped up into an incredibly strong and sturdy expression pedal which will survive for years and years of even the roughest use.



## Main Features

- Doubles up as a Wah and Volume in one Pedal
- MOOER's custom inductor provides a truly delicious Wah sound
- Q Range control allows the user to dial in the Wah tone
- Selectable foot sensing control or traditional 'toe down' on and off operation in Wah mode
- Smooth, seamless volume control
- Retains every nuance and detail of your original tone

## Specification

**Input:** 1/4" mono audio jack. (Impedance: 1M Ohms)

**Output:** 1/4" mono audio jack (Impedance: 100 Ohms)

**Power requirements:** 9V DC, center negative.

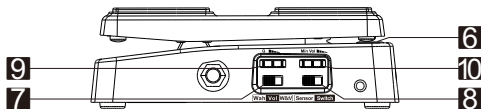
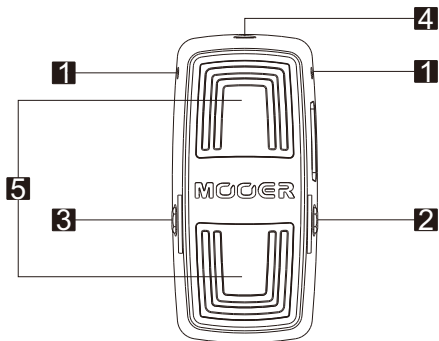
**Current Draw:** 70 mA

**Dimensions:** 154.5mm(D)×73mm(W)×53mm(H)

**Weight:** 540g

*\* Disclaimer: Any specification's update won't be amended in this manual*

## Pedal Layout



- 1. Power LED:**  
Indicates the On/Off status and mode of Freestep.  
(Red for Wah, Blue for Volume)
- 2. INPUT:**  
¼ inch audio input Jack
- 3. OUTPUT:**  
¼ inch audio output Jack
- 4. DC input:**  
Connect a 9v DC power supply centre pin negative
- 5. Pressure SENSOR pads:**  
Used for activating the wah in sensor setting
- 6. Touch Switch:**  
Footswitch for traditional toe down Wah activation
- 7. MODE switch:**  
Change between the three modes.  
Wah/Volume/Wah&Volume
- 8. SENSOR/SWITCH:**  
Change the activation method when in Wah mode.
- 9. Q Range dial:**  
Adjusts the value of Q range to dial in the sound of your wah
- 10. MIN VOL dial:**  
Adjusts the minimum volume between 0%-50% of the heel down position when in volume and wah&volume mode.

## MODES

Freestep has 3 different modes which can be changed using the "MODE switch" on the side of the pedal.

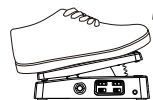
**Wah:** Wah effect only. You can operate the wah with two different methods in this mode which can be changed using the "SENSOR/SWITCH" control.

- With this control in SENSOR position, simply place the sole of your foot onto the pedals pressure sensor pads to activate the effect.  
Remove your foot to deactivate the effect.
- With this control in the SWITCH position, lean forward and apply slight pressure to the front of the pedal with your foot while the pedal is in the full toe down position to push the Touch Switch and activate the effect. The effect will remain active until you use the same method to deactivate it.  
Use the Q range dial to adjust the sound of the wah effect

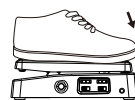
**VOL:** Volume pedal only. In this mode freestep will behave like an ordinary volume pedal. Heel down is minimum volume and toe down is maximum volume. Minimum volume can be adjusted between 0%-50% using the MIN VOL dial on the side of the pedal

**W&V:** Wah and Volume mode. In this mode freestep will act as a volume pedal by default. To activate and deactivate the wah effect, use the second method described above in 'wah mode'. The SENSOR/SWITCH control is inactive in this mode.

- When in Volume mode the LED's will illuminate blue.
- When actively in wah mode the LED's will illuminate red.



(Heel down)



(Toe down)

## Connections

- Connect your instrument to the freestep input using a standard 1/4" guitar jack cable.
- Connect the output of freestep to the input of your amplifier, effects pedals or other equipment using a standard 1/4" guitar jack cable or connector
- Connect a 9v DC power supply to the DC input. Ensure the polarity is centre pin negative
- Get your foot on freestep, crank up the volume and have fun!!!

**MOOER**

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