

# MOOER

## PITCH STEP

Pitch Shifting and Harmony 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( $\pm 10\%$ ),  $\oplus - \ominus$  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.

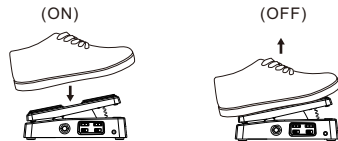
## Main Features

- Accurate Pitch Shifting
  - > Optional dry signal for harmonization
- Customizable pitch adjustment for -OCT/+OCT
- 3 modes for the expression pedal operation SUB / UP / S + U
- Includes MOOER's unique pressure sensing technology
- Supports 9V battery power

## Instructions

- Connect the power supply to DCIN, Connect your instrument to INPUT, Connect OUTPUT to your amplifier or next effects pedal's input
- Select the desired pitch range (SUB / UP / S + U)
- Adjust the pitch of -OCT and + OCT
- Select your desired activation method. SENSOR / SWITCH

**SENSOR:** Place your foot on the PRESSURE SENSOR PADS activate the effect. Remove your foot to deactivate the effect

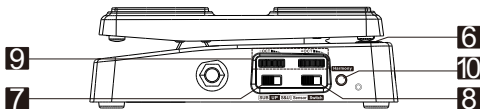
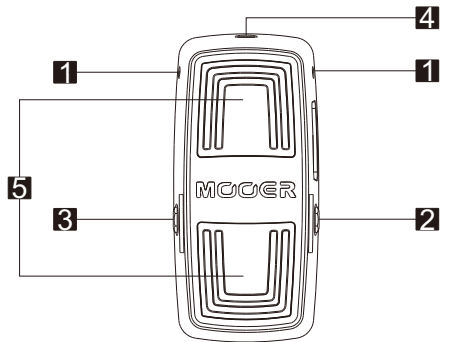


**SWITCH:** Place your foot on the pedestal and put it in "toe down" position. Apply slight downward pressure to activate the effect. Follow the same method to deactivate the effect.



Note: For best results, it is recommended that Pitch Step be placed first in the signal chain.

## Pedal Layout



- 1. LED:**  
Indicates the On/Off status of Pitch Step.
- 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:**  
Place your foot here to activate the effect in SENSOR setting
- 6. Touch Switch:**  
Put the pedastal in toe down position and apply slight downward pressure to activate the effect in SWITCH setting
- 7. SUB/UP/S+U:**  
Selects the range and direction of the pitch shifting  
SUB : 1 octave range. Toe down = -1 OCT  
Heel down = Original pitch  
UP: 1 octave range. Toe down = +1 OCT  
Heel down = Original pitch  
S+U : 2 octave range. Toe down = +1 OCT  
Heel down = -1 OCT
- 8. SENSOR/SWITCH :**  
Selects the method used for activation of the effect
- 9. -OCT/+OCT:**  
Adjusts the pitch of the -OCT and +OCT for custom range
- 10. HARMONY:**  
Selects between harmony and pitch shift modes  
Press in for Harmony mode  
(dry signal can be heard)  
Press out for Pitch Shift mode  
(no dry signal can be heard)

## Specifications

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

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

**Power requirements:** 9V DC ⊕ ⊖ ⊖

**Current Draw:** 180 mA

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

**Weight:** 540g

**MOOER**

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**Part No:**