MOOER E7 A7

MOOER New Micro E7 Polyphonic Guitar Synth Pedal & A7 Guitar Ambiance Reverb Pedal User Manual

1. Introduction

This manual provides comprehensive instructions for the MOOER E7 Polyphonic Guitar Synth Pedal and the MOOER A7 Guitar Ambiance Reverb Pedal. These compact pedals are designed to expand your guitar's sonic capabilities, offering a wide range of synthesis and reverb effects. Please read this manual thoroughly to ensure proper operation and to fully utilize the features of your new pedals.



Image: The MOOER E7 Polyphonic Guitar Synth Pedal (light blue) and the MOOER A7 Guitar Ambiance Reverb Pedal (dark blue) side-by-side.

2. Key Features

MOOER E7 Polyphonic Guitar Synth Pedal

- Transforms your guitar into a typical electronic synthesizer without special pickups.
- Features seven (7) different MOOER custom synthesizer tones.
- Each tone includes an individual arpeggiator, high/low frequency cut, attack, and speed functions.
- Allows users to easily shape tones and explore new sonic horizons.



Image: The MOOER E7 pedal highlighting its seven different synth tones: 8 Bit, Saw Wave, EDM/Pad, Weeyo, Sea Wave, Organ, and Trumpet.

MOOER A7 Guitar Ambiance Reverb Pedal

- Features seven (7) different reverb effects.
- Includes an "Infinite Trail" fade out function for sustained reverb.
- Offers a traditional "Trail On" feature for natural decay.



Image: The MOOER A7 pedal highlighting its seven different reverb effects: Plate, Hall, Warp, Shake, Crush, Shimmer, and Dream.

3. Setup

1. **Power Connection:** Connect a standard 9V DC power adapter (center negative) to the DC 9V input jack on the top of the pedal. Ensure the power supply meets the pedal's requirements.
2. **Input Connection:** Connect your guitar or the output of a preceding effect pedal to the INPUT jack on the right side of the pedal.
3. **Output Connection:** Connect the OUTPUT jack on the left side of the pedal to your amplifier's input or the input of a subsequent effect pedal.
4. **Signal Chain:** For optimal performance, place the E7 Synth pedal early in your signal chain, typically before modulation or time-based effects. The A7 Reverb pedal is generally placed towards the end of your signal chain, after distortion, modulation, and delay effects.

4. Operating Instructions

4.1 MOOER E7 Polyphonic Guitar Synth Pedal



Image: An exploded view of the MOOER E7 pedal, showing the LED light, USB port, and various control knobs.

- **Footswitch:** Toggles the effect on/off. Press and hold to activate the Arpeggiator function.
- **Tone Selection:** Rotate the large central knob to select one of the 7 synth tones. The LED indicator will show the currently selected tone.
- **ATTACK Knob:** Controls the attack time of the synth sound.
- **SPEED Knob:** Adjusts the speed of the arpeggiator or other time-based parameters.
- **HIGH CUT Knob:** Filters out high frequencies from the synth sound.
- **LOW CUT Knob:** Filters out low frequencies from the synth sound.
- **MIX Knob:** Adjusts the blend between your dry guitar signal and the wet synth effect.

- **SAVE Button:** Press to save your current settings for the selected tone. Each of the 7 tones can have its own saved preset.
- **Arpeggiator (ARP):** Activated by holding the footswitch. Creates rhythmic patterns based on your played notes.
- **Buffer Bypass:** The E7 features a buffer bypass, ensuring signal integrity when the effect is off.



Image: The MOOER E7 pedal illustrating the buffer bypass and independent arpeggiator switch functionality.

4.2 MOOER A7 Guitar Ambiance Reverb Pedal



Image: The MOOER A7 pedal with labels for its parameter setting knobs: X (virtual room size), MIX (dry/wet signal), CHAOS (special effects), DECAY (reverb decay), and TONE (reverb tone).

- **Footswitch:** Toggles the effect on/off. Press and hold to activate the Infinite Trail function.
- **Effect Selection:** Rotate the large central knob to select one of the 7 reverb effects. The LED indicator will show the currently selected effect.
- **X Knob:** Controls a unique parameter specific to each reverb type, often related to virtual room size or complexity.
- **MIX Knob:** Adjusts the blend between your dry guitar signal and the wet reverb effect.
- **CHAOS Knob:** Introduces special effects or modulation into the reverb tail.
- **DECAY Knob:** Controls the length of the reverb tail.
- **TONE Knob:** Adjusts the tonal character of the reverb, from dark to bright.
- **SAVE Button:** Press to save your current settings for the selected reverb effect. Each of the 7 effects can have its own saved preset.
- **Infinite Trail (INF):** Activated by holding the footswitch. Allows the reverb tail to continue indefinitely after the effect

is bypassed.

- **Buffer Bypass:** The A7 features a buffer bypass, ensuring signal integrity when the effect is off.



Image: The MOOER A7 pedal demonstrating the buffer bypass and the control for the infinite trail function.



Image: The MOOER A7 pedal highlighting the 'SAVE' button, indicating that each tone's settings can be saved independently.

5. Firmware Upgrade

Both the MOOER E7 and A7 pedals support firmware upgrades via their USB ports. Connect the pedal to your computer using a USB cable. Visit the official MOOER website for the latest firmware updates and instructions on how to perform the upgrade.



Image: The MOOER A7 pedal showing the LED light indicators and the USB port for firmware upgrades.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power:** Always disconnect the power supply when the pedal is not in use for extended periods.

7. Troubleshooting

- **No Sound:**
  - Check all cable connections (input, output, power).
  - Ensure the power supply is correctly connected and providing the correct voltage (9V DC, center negative).
  - Verify that your guitar and amplifier are working correctly.

- **Unexpected Noise/Hum:**
  - Ensure you are using a regulated power supply designed for guitar pedals.
  - Check for faulty cables.
  - Move the pedal away from other electronic devices that might cause interference.
- **Effect Not Engaging:**
  - Ensure the footswitch is fully pressed.
  - Check if the MIX knob is set too low, making the effect inaudible.

8. Specifications

Specification	Value
Brand	MOOER
Model Number	E7 A7
Hardware Interface	3.5mm Audio
Signal Format	Analog
Audio Output Effects	Synth, Reverb
Controls Type	Knob
ASIN	B097QF28GT
Date First Available	December 25, 2019

9. Warranty and Support

MOOER products are covered by a manufacturer's warranty. For detailed warranty information, product registration, or technical support, please visit the official MOOER website or contact your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.
For further assistance, you may visit the MOOER Store on Amazon.

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