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> [MOOER Reverie Chorus Twin Series Pedal \(TCH1\) User Manual](#)

## MOOER TCH1

# MOOER Reverie Chorus Twin Series Pedal (TCH1) User Manual

Model: TCH1

## 1. INTRODUCTION

The MOOER Reverie Chorus Twin Series Pedal (TCH1) is a versatile digital chorus effect pedal designed for guitarists. It features a high-performance floating-point DSP chip to ensure no tone loss and offers five distinct chorus modes, each combinable with eight different modulation tones. This pedal provides extensive sound shaping capabilities, including storable presets and a tap tempo function for precise rhythmic control. Its dual footswitch design and stereo input/output make it suitable for various rig setups.

## 2. PRODUCT OVERVIEW

### 2.1 Controls and Features

The Reverie Chorus pedal features a comprehensive set of controls for detailed sound customization.



Image 2.1: Top view of the MOOER Reverie Chorus Twin Series Pedal (TCH1), showing all knobs, buttons, and footswitches.

- **SPEED Knob:** Adjusts the rate of the modulation effect.
- **RANGE/TONE Knob:** Controls the range and tone characteristics of the chorus.
- **MOD DEPTH Knob:** Determines the intensity of the additional modulation effects.
- **RATE Knob:** Adjusts the speed of the chorus effect.
- **DEPTH Knob:** Controls the depth of the chorus effect.
- **MIX Knob:** Blends the wet (effected) signal with the dry (unaffected) signal.
- **Enhance Knob (Left White Knob):** Selects different enhancement effects such as Wah, Phaser, Talk, Tremolo, Stutter, Stutter Wah, Stutter Phaser, and Tremolo Talk.
- **Relation/Variable Button (Small button below Enhance knob):** Adjusts subdivisions and rhythmic patterns for the enhancing effects.
- **Preset Status LEDs (5 LEDs):** Indicate the currently selected preset.
- **Store Button (Small button below Preset Status LEDs):** Used to save custom presets.
- **TAP TEMPO Footswitch:** Allows for real-time adjustment of the chorus rate by tapping.
- **CHORUS Footswitch:** Engages or bypasses the chorus effect.

## 2.2 Input and Output Connections

The pedal features stereo input and output for flexible connectivity.



Image 2.2: Rear view of the pedal, illustrating the input, output, and DC power connections.

- **LEFT (MONO) Input:** Connect your instrument or the output of a preceding pedal here for mono operation.
- **RIGHT Input:** Connect for stereo input signals.
- **LEFT (MONO) Output:** Connect to your amplifier or the input of a subsequent pedal for mono output.
- **RIGHT Output:** Connect for stereo output signals.
- **DC IN:** Connect a 9V DC power adapter (center negative, 500mA or greater recommended).

### 3. SETUP

1. **Power Connection:** Connect a 9V DC power adapter (center negative) to the DC IN jack. Ensure the adapter provides at least 500mA for optimal performance.
2. **Instrument Connection:**
  - For mono operation, connect your instrument or the output of a preceding pedal to the LEFT (MONO) Input.
  - For stereo operation, connect the stereo output of your preceding device to both LEFT (MONO) and RIGHT Inputs.
3. **Amplifier Connection:**
  - For mono output, connect the LEFT (MONO) Output to your amplifier's input.
  - For stereo output, connect both LEFT (MONO) and RIGHT Outputs to two separate amplifiers or a stereo input device.
4. **Initial Settings:** Before powering on, set all knobs to their middle positions (12 o'clock) to start with a neutral effect.

### 4. OPERATING INSTRUCTIONS

#### 4.1 Engaging the Effect

Press the **CHORUS** footswitch to engage or bypass the chorus effect. The corresponding LED will illuminate when the effect is active.

## 4.2 Adjusting Chorus Parameters

Use the following knobs to shape your chorus sound:

- **RATE:** Controls the speed of the chorus modulation. Turn clockwise for faster modulation, counter-clockwise for slower.
- **DEPTH:** Controls the intensity or sweep range of the chorus. Turn clockwise for a deeper, more pronounced effect.
- **MIX:** Adjusts the balance between your dry instrument signal and the wet chorus effect. A 12 o'clock position typically provides an even blend.

## 4.3 Using Enhancement Effects

The Reverie Chorus pedal offers additional modulation effects:

- **Enhance Knob:** Rotate the large white knob on the left to select different enhancement effects such as Wah, Phaser, Talk, Tremolo, Stutter, Stutter Wah, Stutter Phaser, and Tremolo Talk. The selected effect will be indicated by the text around the knob.
- **MOD DEPTH:** Use this knob to control the intensity of the selected enhancement effect.
- **Relation/Variable Button:** Press this button to cycle through different rhythmic subdivisions or patterns for the active enhancement effect. Experiment to find the desired rhythmic feel.

## 4.4 Tap Tempo Function

The **TAP TEMPO** footswitch allows you to set the chorus rate in real-time:

- While the effect is active, tap the **TAP TEMPO** footswitch two or more times in rhythm with the desired tempo. The pedal will automatically adjust the chorus rate to match your taps.

# 5. PRESETS

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The pedal can store up to 5 custom chorus sounds.

## 5.1 Storing a Preset

1. Adjust the knobs to achieve your desired chorus sound.
2. Press and hold the **Store** button (small button below the Preset Status LEDs) until one of the Preset Status LEDs begins to blink.
3. Use the **TAP TEMPO** footswitch to cycle through the 5 preset slots (indicated by the blinking LEDs).
4. Once the desired preset slot is blinking, press the **Store** button again to save your settings. The LED will stop blinking, indicating the preset is saved.

## 5.2 Recalling a Preset

To recall a saved preset:

- Press the **TAP TEMPO** footswitch briefly to cycle through the 5 stored presets. The illuminated Preset Status LED indicates the active preset.
- The pedal will load the settings associated with the selected preset.

# 6. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents.

- **Storage:** Store the pedal in a dry environment, away from extreme temperatures and direct sunlight.
- **Power:** Always use the specified 9V DC (center negative) power adapter. Disconnect power when not in use for extended periods.
- **Connections:** Ensure all cables are securely connected to prevent signal loss or intermittent operation.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or weak signal	Incorrect cable connections, power issue, pedal bypassed.	Check all cable connections. Ensure the power adapter is correctly connected and providing sufficient power. Press the CHORUS footswitch to engage the effect.
Unwanted noise or hum	Poor power supply, ground loop, faulty cables, interference.	Use a high-quality, isolated power supply. Try different cables. Ensure proper grounding in your setup. Move the pedal away from other electronic devices that may cause interference.
Effect not engaging	Footswitch issue, internal fault.	Ensure the CHORUS footswitch is pressed firmly. If the issue persists, contact MOOER support.
Tap Tempo not working	Incorrect tapping, footswitch issue.	Ensure you are tapping the TAP TEMPO footswitch at least twice in a consistent rhythm. If the issue persists, contact MOOER support.

## 8. SPECIFICATIONS

- **Model:** TCH1
- **Brand:** MOOER
- **Item Weight:** 15.2 ounces (0.95 Pounds)
- **Product Dimensions:** 5.9 x 4.6 x 2.3 inches
- **Hardware Interface:** 1/4-inch Audio
- **Signal Format:** Analog (Digital processing internally)
- **Power Source:** Corded Electric
- **Voltage:** 9V DC (Center Negative)
- **Current Draw:** 500mA or greater recommended
- **Color:** Blue

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official MOOER website or contact your authorized MOOER dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, you may visit the [MOOER Store on Amazon](#).

