

## HOTONE Ampero One MP-80

# Hotone Ampero One MP-80 Multi-Effects Processor

Instruction Manual

## 1. INTRODUCTION

Thank you for purchasing the Hotone Ampero One MP-80 Multi-Effects Processor. This device is designed to provide guitarists and bassists with a comprehensive suite of amp modeling, IR cabinet simulations, and multi-effects. It features advanced signal processing, a user-friendly interface, and versatile connectivity options for various musical applications.

## 2. SAFETY INFORMATION

- Always use the specified power adapter (9V DC, 500mA).
- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not attempt to disassemble or modify the unit. Refer servicing to qualified personnel.
- Keep out of reach of children.

## 3. PACKAGE CONTENTS

- Hotone Ampero One MP-80 Multi-Effects Processor
- Hotone Karat Cap Transparent Footswitch Covers (Bundle Item)
- Power Adapter
- USB Cable
- User Manual (this document)

## 4. PRODUCT OVERVIEW & SETUP

### 4.1 Front Panel Controls



### ① DISPLAY SCREEN

Displays Ampero One's current status. Use the touchscreen to select effects, edit patches, and make tone adjustments.

### ② VOLUME KNOB

Adjusts the overall volume of all output connections.

### ③ MENU/VALUE KNOB (MAIN KNOB)

Turning or pressing this knob allows you to change menus and adjust parameters.

### ④ FOOTSWITCH

Use to change patches, turn on/off effects, set tap tempo, etc.

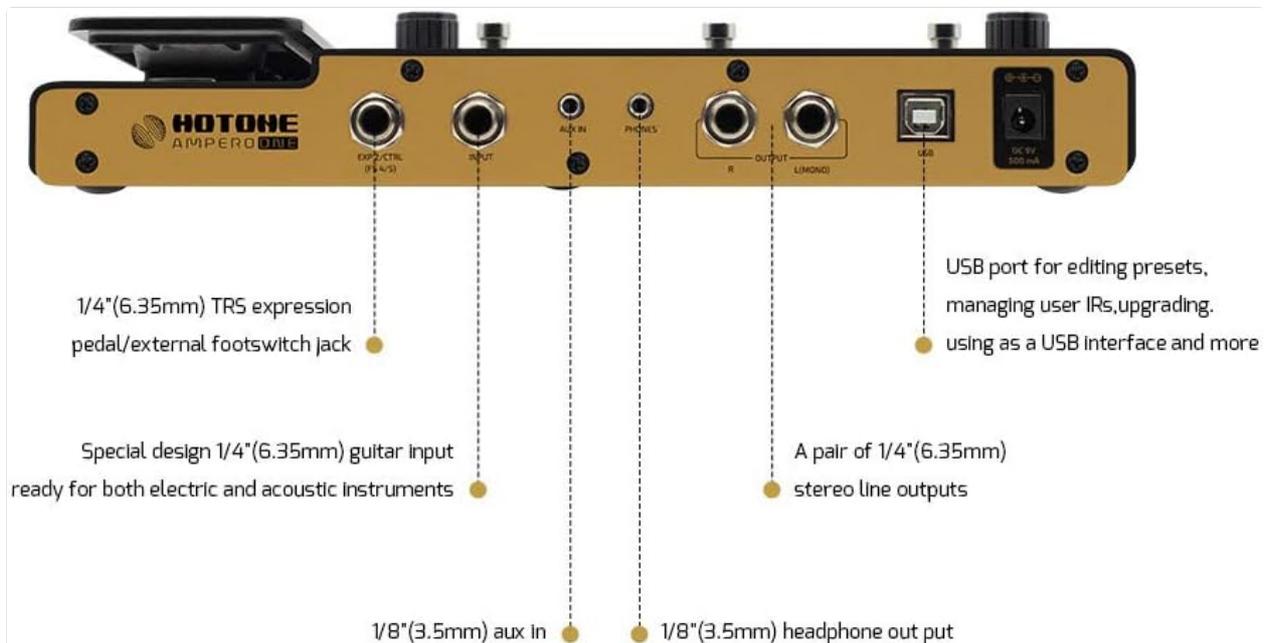
### ⑤ EXPRESSION PEDAL

Use to control the parameter of one or several effects, including output volume.

**Image Description:** A top-down view of the Hotone Ampero One MP-80's front panel, highlighting key controls with numbered labels. The display screen, volume knob, menu/value knob, footswitches, and expression pedal are clearly visible.

1. **Display Screen:** 4-inch 800 x 480 color touch screen for status display, effect selection, patch editing, and tone adjustments.
2. **Volume Knob:** Adjusts the overall output volume.
3. **Menu/Value Knob (Main Knob):** Used for changing menus and adjusting parameters.
4. **Footswitches:** Four assignable footswitches with Halo LEDs for changing patches, turning effects on/off, setting tap tempo, and more.
5. **Expression Pedal:** Controls one or several effects parameters, including output volume.

## 4.2 Rear Panel Connections



**Image Description:** A rear view of the Hotone Ampero One MP-80, showing various input and output jacks. Labels indicate connections for expression/control pedals, input, aux in, headphones, stereo outputs, USB, and DC power.

- **EXP/CTRL (1/4" TRS):** For external expression pedal or footswitch.
- **INPUT (1/4" TS):** Special design guitar input for electric and acoustic instruments.
- **AUX IN (1/8" TRS):** Stereo auxiliary input.
- **PHONES (1/8" TRS):** Headphone output.
- **OUTPUT (1/4" TRS L/MONO, R):** A pair of 1/4" (6.35mm) stereo line outputs.
- **USB:** USB port for editing presets, managing user IRs, upgrading firmware, and using as a USB audio interface.
- **DC IN (9V 500mA):** Power supply input.

### 4.3 Hotone Karat Cap Transparent Footswitch Covers



**Image Description:** A clear plastic tube containing multiple transparent footswitch covers, bundled with the Ampero One MP-80.



**Image Description:** A close-up of a single transparent, faceted footswitch cover with the 'HOTONE' logo visible inside.



**Image Description:** A foot pressing down on a footswitch of the Ampero One, which has a transparent Karat Cap installed. The cap is illuminated by the pedal's LED.



**Image Description:** A close-up of two illuminated transparent Karat Cap footswitch covers on the Ampero One, showing the light passing through the faceted design.

The included Karat Cap footswitch covers are designed to enhance the tactile feel and visibility of the footswitches, especially in low-light conditions. Simply press them onto the footswitches for easy installation.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Powering On/Off

Connect the 9V DC power adapter to the DC IN jack. The unit will power on automatically. To power off, disconnect the power adapter.

### 5.2 Basic Navigation

- **Touch Screen:** Use your finger to navigate menus, select effects, and adjust parameters directly on the 4-inch touch screen.
- **Menu/Value Knob:** Rotate to scroll through options or adjust values. Press to confirm selections or enter sub-menus.
- **Footswitches:** Press to activate/deactivate effects or switch between presets as assigned.

## 5.3 Switching Presets

The footswitches can be assigned to switch between different presets. Refer to the on-screen interface for current assignments or customize them in the settings menu.

## 5.4 Using the Expression Pedal

The built-in expression pedal can be assigned to control various effect parameters, such as Wah, Volume, or other modulation effects. Calibrate the pedal if necessary via the system settings for optimal response.

## 5.5 Drum Rhythms and Looper

The Ampero One MP-80 includes 100 built-in drum rhythms and a 100-second looper. Access these features through the dedicated buttons or assigned footswitches on the front panel. Detailed operation instructions for these features can be found in the full digital manual available on the Hotone website.

## 5.6 Connecting Instruments and Amplification

- **Guitar/Bass:** Connect your instrument to the INPUT jack using a 1/4" TS cable.
- **Amplifier/PA System:** Connect the OUTPUT L/MONO and R jacks to your amplifier or PA system using 1/4" TRS cables.
- **Headphones:** For silent practice, connect headphones to the PHONES jack using a 1/8" TRS cable.
- **External Audio:** Connect an external audio device (e.g., music player) to the AUX IN jack to play along with backing tracks.

# 6. FEATURES & SPECIFICATIONS

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## 6.1 Key Features

- 240+ Built-in Guitar/Bass/Acoustic Effects
- 64 Legendary Amp Models
- 60 Carefully Selected IR Cabinet Simulations
- 24-bit Signal Processing, up to 120dB S/N Ratio
- 100 Built-in Drum Rhythms and 100 Seconds Looper
- 198 Presets
- Adjustable Signal Chain with Maximum 9 Simultaneous Effect Blocks
- 4-inch 800 x 480 Sharp Color Touch Screen with Instant Control
- 4 Assignable Footswitches with Halo LEDs
- Internal Voltage Boost Circuit for Great Headroom with Standard 9V DC Power Supply

## 6.2 Technical Specifications

Specification	Value
Model Name	Ampero One MP-80
Brand	HOTONE
Color	Black
Power Source	DC power supply (9V 500mA)

Connector Type	USB
Compatible Devices	Guitar, Bass

## 7. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the unit. Do not use liquid cleaners or solvents.
- **Storage:** Store the unit in a dry, cool place away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Periodically check the Hotone website for firmware updates to ensure optimal performance and access to new features.

## 8. TROUBLESHOOTING

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- **No Power:** Ensure the power adapter is correctly connected and is the specified 9V DC, 500mA type.
- **No Sound:** Check all cable connections (instrument, output to amp/PA, headphones). Verify volume levels on the Ampero One and connected devices. Ensure effects are not bypassed or muted.
- **Distorted Sound:** Check input gain levels to prevent clipping. Adjust output volume to match the connected amplifier/PA system.
- **Footswitch Malfunction:** Ensure footswitches are correctly assigned in the settings. If using Karat Caps, ensure they are properly seated.

## 9. WARRANTY & SUPPORT

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For warranty information and technical support, please refer to the official Hotone Audio website or contact your local distributor. Keep your purchase receipt as proof of purchase.

## 10. VIDEO TUTORIALS

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For detailed video tutorials and demonstrations of the Hotone Ampero One MP-80's features and capabilities, please visit the official Hotone Audio YouTube channel or their website.