

## HOTONE Ampero One MP-80

# Hotone Ampero One MP-80 Instruction Manual

Guitar Bass Amp Modeling IR Cabinets Simulation Multi-Effects Processor

Model: Ampero One MP-80 | Brand: HOTONE

## 1. INTRODUCTION

Thank you for choosing the Hotone Ampero One MP-80. This powerful multi-effects processor is designed for guitar and bass players, offering a comprehensive suite of amp modeling, IR cabinet simulations, and a wide range of effects. Its intuitive touchscreen interface and versatile connectivity make it an ideal tool for practice, live performance, and recording. Please read this manual carefully to fully understand the features and operation of your Ampero One MP-80.

## 2. SETUP

### 2.1. Unpacking and Inspection

Carefully remove all components from the packaging. Ensure the following items are present:

- Hotone Ampero One MP-80 Unit
- Power Adapter (9V DC)
- USB Cable
- User Manual (this document)

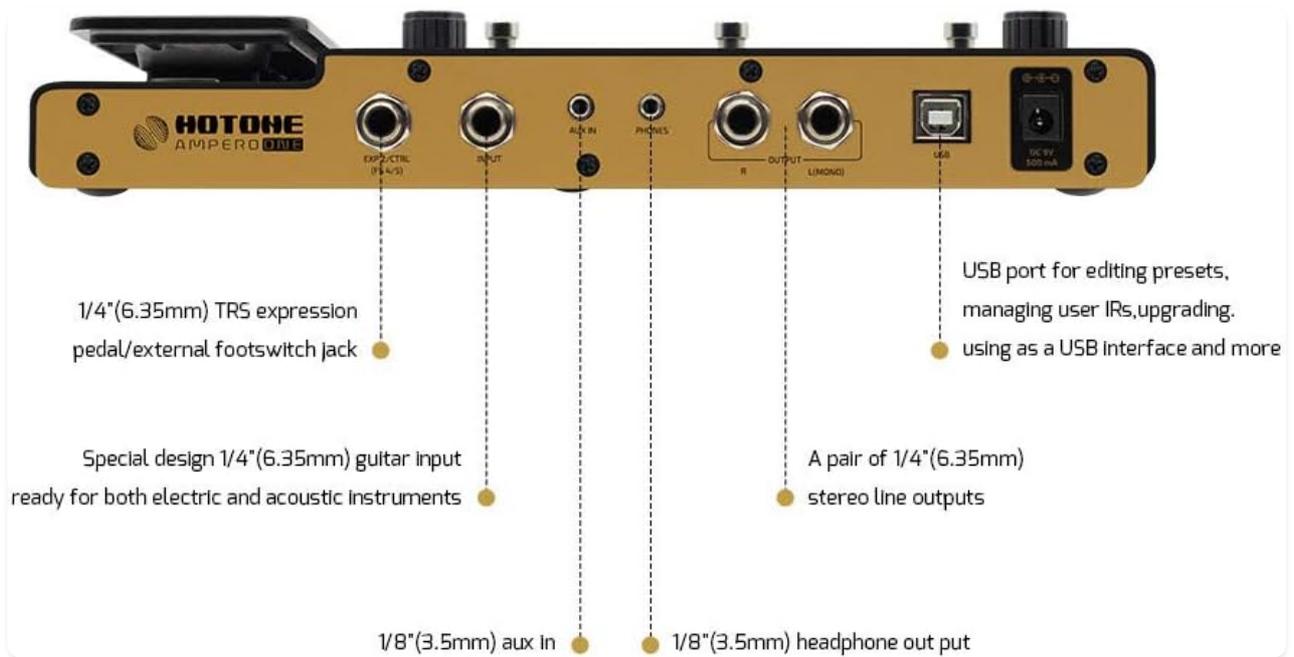
Inspect the unit for any signs of damage. If any components are missing or damaged, please contact your retailer or Hotone support immediately.

### 2.2. Power Connection

Connect the included 9V DC power adapter to the 'DC 9V' input jack on the rear panel of the Ampero One MP-80. Plug the adapter into a suitable power outlet. The unit will power on automatically.

### 2.3. Instrument and Audio Connections

Refer to the rear panel diagram for connection points:



**Figure 2.1:** Rear panel connections of the Ampere One MP-80. From left to right: EXP/CTRL (1/4" TRS expression pedal/external footswitch jack), INPUT (special design 1/4" guitar input for electric and acoustic instruments), AUX IN (1/8" (3.5mm) aux input), PHONES (1/8" (3.5mm) headphone output), OUTPUT L/MONO and R (pair of 1/4" (6.35mm) stereo line outputs), USB (USB port for editing presets, managing user IRs, upgrading, and USB audio interface), DC 9V (power input).

- **Guitar/Bass Input:** Connect your instrument to the 1/4" INPUT jack.
- **Audio Output:** Connect the 1/4" OUTPUT L/MONO and R jacks to your amplifier, mixer, or audio interface. Use both for stereo output or L/MONO for mono.
- **Headphones:** For silent practice, connect headphones to the 1/8" PHONES jack.
- **Auxiliary Input:** Connect an external audio source (e.g., MP3 player, phone) to the 1/8" AUX IN jack for playing along.
- **USB Connection:** Use the USB port to connect to a computer for sound editing, firmware updates, and using the Ampere One as a USB audio interface.
- **Expression Pedal/Footswitch:** Connect an external expression pedal or footswitch to the EXP/CTRL jack for expanded control options.

### 3. OPERATING THE AMPERO ONE MP-80

The Ampere One MP-80 features a 4-inch 800 x 480 sharp color touch screen for intuitive control. The main controls are:



### 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.

**Figure 3.1:** Front panel controls of the Ampero One MP-80. 1. Display Screen, 2. Volume Knob, 3. Menu/Value Knob (Main Knob), 4. Footswitch, 5. Expression Pedal.

- **Display Screen (1):** Displays Ampero One's current status. Use the touchscreen to select effects, edit patches, and make tone adjustments.
- **Volume Knob (2):** Adjusts the overall volume of all output connections.
- **Menu/Value Knob (Main Knob) (3):** Turning or pressing this knob allows you to change menus and adjust parameters.
- **Footswitch (4):** Use to change patches, turn on/off effects, set tap tempo, etc.
- **Expression Pedal (5):** Use to control the parameter of one or several effects, including output volume.

## 3.1. Navigating the Interface

The touchscreen allows for direct interaction with the signal chain and effects. Tap on an effect block to select it, then use the Menu/Value knob or the touchscreen to adjust parameters. The footswitches can be assigned to various functions, such as toggling effects on/off or switching between presets.

## 3.2. Effects and Amp Modeling

The Ampero One MP-80 features 240+ built-in guitar/bass/acoustic effects, 64 legendary amp models, and 60 carefully selected IR cabinet simulations. You can adjust the signal chain with a maximum of 9 simultaneous effect blocks.



Figure 3.2: User interacting with the Ampero One MP-80 touchscreen to adjust settings.

### 3.2.1. Drive Effects

The unit offers various drive effects. You can select different types like 'Green Drive' or 'Yellow Drive' and adjust their gain and tone. Turning the footswitch on/off activates or bypasses the selected drive effect.

### 3.2.2. Reverb Effects

Explore a range of reverb types including Room, Hall, Church, Plate, and Spring. Adjust the mix and decay parameters to achieve your desired ambiance.

### 3.2.3. Delay Effects

Choose from various delay types such as Ping Pong, Multi Head, Slapback, and Vintage Rack. Adjust feedback and time parameters to customize the delay effect.

### 3.2.4. Amp Models and Cabinets

Access a library of 64 amp models and 60 IR cabinet simulations. Select different amp types like 'Tweed Lux' or 'Black Twin' and pair them with various cabinet types (e.g., 'Black Twin 2x12', 'UK Green 2x12').

### 3.3. Looper and Drum Rhythms

The Ampero One includes a 100-second looper for creating layered performances or practicing. It also features 100 built-in drum rhythms to play along with, enhancing your practice sessions.

### 3.4. USB Audio Interface and OTG Function

The unit functions as a USB audio interface with stereo audio streaming, allowing direct connection to iOS/Android mobile devices via OTG function. This enables easy recording and sound editing on your computer or mobile device.

## 4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit. Avoid abrasive cleaners or solvents.
- **Storage:** Store the Ampero One MP-80 in a cool, dry place away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Periodically check the Hotone official website for firmware updates to ensure optimal performance and access to new features. Follow the instructions provided with the update carefully.

## 5. TROUBLESHOOTING

- **No Power:** Ensure the power adapter is correctly connected to the unit and a working power outlet. Use only the original power adapter.
- **No Sound:** Check all audio cable connections. Verify volume levels on the Ampero One and connected devices. Ensure effects are not bypassed or muted.
- **Software Editor Not Recognizing Device:** Ensure the correct USB drivers are installed. Refer to the Hotone support website for driver downloads and installation guides.
- **Distorted Sound:** Check input gain levels to prevent clipping. Adjust output volume to match the input requirements of your connected amplifier or device.

## 6. SPECIFICATIONS

- **Effects:** 240+ Built-in Guitar/Bass/Acoustic Effects
- **Amp Models:** 64 Legendary Amp Models
- **IR Cabinet Simulations:** 60 carefully selected IR Cabinet Simulations
- **Signal Processing:** 24-bit
- **S/N Ratio:** Up to 120dB
- **Looper:** 100 Seconds Looper

- **Drum Rhythms:** 100 Built-in Drum Rhythms
- **Presets:** 198 Presets
- **Effect Blocks:** Adjustable Signal Chain with Maximum 9 Simultaneous Effect Blocks
- **Display:** 4-inch 800 x 480 sharp color Touch Screen
- **Footswitches:** 4 Assignable Footswitches with Halo LEDs
- **Power Supply:** Standard 9V DC (Internal Voltage Boost Circuit for Great Headroom)
- **Audio Interface:** USB Audio Interface with Stereo Audio Streaming, Support OTG function for directly Connecting to iOS/Android Mobile Devices
- **User Interface:** Multi Language User Interface (Hardware) with Free Mac/Windows Software for Sound Editing and Presets Managing
- **Dimensions:** 6.93 x 14.96 x 2.83 inches
- **Weight:** 1.05 pounds

## 7. WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official Hotone website or contact your local authorized dealer. Keep your purchase receipt as proof of purchase for warranty claims.

- **3-Year Protection Plan:** Available for purchase.
- **4-Year Protection Plan:** Available for purchase.
- **Complete Protect:** Monthly plan covering eligible past and future purchases.