HOTONE MP-350 Ampero II

Hotone Ampero II MP-350 User Manual

Amp Modeler & Effects Processor

INTRODUCTION

The Hotone Ampero II MP-350 is an advanced amp modeler and effects processor designed for musicians and guitarists. It combines the intuitive controls of the original Ampero with a powerful tri-core digital audio processing platform, delivering high-quality tones and a versatile performance experience. This unit is compact, lightweight, and features a comprehensive set of audio and control interfaces suitable for both live performances and studio use.

PRODUCT OVERVIEW

Figure 1: Top view of the Ampero II MP-350, highlighting the intuitive layout of controls and the integrated expression pedal.

Figure 2: Angled perspective of the Ampero II MP-350, illustrating its compact form factor suitable for pedalboards.

Figure 3: Rear panel of the Ampero II MP-350, detailing the comprehensive array of input/output options for versatile connectivity.

Figure 4: Detailed view of the Ampero II MP-350's rear I/O, including balanced and unbalanced outputs, effects loop, and USB port.

Figure 5: Side view of the Ampero II MP-350, illustrating the MIDI IN and OUT connections for external control.

Figure 6: Opposite side view of the Ampero II MP-350, highlighting the ergonomic design of the integrated expression pedal.

Figure 7: The Ampero II MP-350 in a typical usage setting, connected and ready for practice or recording.

SETUP

Before using your Ampero II MP-350, ensure all connections are secure and the unit is placed on a stable surface. The device can be powered via USB or a 9V power supply.

Connecting Your Device

- **Power Connection:** Connect the included 9V DC power adapter to the "POWER" input on the rear panel. Alternatively, connect a Mini USB 2.0 Type B cable to a USB power source for USB-powered operation.

- **Instrument Input:** Connect your guitar or other instrument to the "INPUT" jack (L/MONO) on the rear panel.

- **Output to Amplifier/Mixer:**

  - For unbalanced output, use the "UNBALANCED OUTPUT" (L/MONO, R) jacks.
  - For balanced output, use the "BALANCED OUTPUT" (L/MONO, R) XLR jacks.

- **Effects Loop:** Use the "STEREO FX LOOP" (SEND, RETURN) jacks to integrate external effects pedals.

- **Headphones:** For silent practice, connect headphones to the "PHONES" jack.

- **USB Connection:** Connect the "USB" port to your computer for firmware updates, patch management, and using the Ampero II as an audio interface.

- **MIDI Connection:** Use the "MIDI IN" and "OUT/THRU" ports for MIDI control with other devices.

OPERATING INSTRUCTIONS

The Ampero II MP-350 features a 4-inch full-color touchscreen for intuitive control and editing. Navigate through menus

and adjust parameters using the touchscreen and the dedicated MENU/VALUE knob.

Basic Operation

- **Power On/Off:** Press the POWER button on the rear panel to turn the unit on or off.

- **Patch Selection:** Use footswitches 1-4 to select different patches. The display will show the active patch.

- **Bank Switching:** Use the BANK ▲ and BANK ▼ footswitches to navigate through banks of patches.

- **Expression Pedal:** The integrated expression pedal can be assigned to control various parameters such as volume, wah, or other effects.

- **Looper and Drum Machine:** The unit includes a 120-second looper and built-in drum tracks for practice and performance. Refer to the on-screen interface for detailed controls.

Advanced Features

- **Amp Modeling and Effects:** The Ampero II utilizes CDCM HD & F.I.R.E. modeling technology, offering over 240 effects, 87 amp models, and 68 cabinet simulations. Explore these options via the touchscreen interface.

- **Impulse Responses (IRs):** The unit supports third-party impulse responses, allowing for extensive tone customization. Load IRs via the USB connection and dedicated software (if applicable).

- **USB Audio Interface:** Connect the Ampero II to your computer via USB to use it as an audio interface for recording or re-amping.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Ampero II MP-350.

- **Cleaning:** Use a soft, dry cloth to clean the unit. Avoid abrasive cleaners or solvents. For the touchscreen, use a microfiber cloth specifically designed for electronics.

- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures. If transporting, use a padded case to protect it from physical damage.

- **Firmware Updates:** Periodically check the Hotone official website for firmware updates. Keeping the firmware updated can improve performance and add new features.

- **Cable Management:** Ensure all cables are neatly organized and not under strain to prevent damage to the ports or cables themselves.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Ampero II MP-350.

Problem	Possible Cause	Solution
No Sound Output	Incorrect cable connections, low volume, incorrect patch selected, amplifier/mixer issues.	Verify all audio cables are securely connected to the correct input/output jacks. Check the master volume knob on the Ampero II and the volume on your amplifier/mixer. Ensure the selected patch is not muted or has extremely low output settings. Test with different cables or an alternative amplifier/mixer to isolate the issue.

Problem	Possible Cause	Solution
Unit Not Powering On	Power adapter not connected, faulty power adapter, power outlet issue.	Ensure the 9V DC power adapter is firmly connected to the unit and a working power outlet. Try a different power outlet. If using USB power, ensure the USB cable is connected to a reliable power source (e.g., computer USB 2.0 port or higher, or a dedicated USB power adapter).
USB Connection Issues	Incorrect USB cable, driver issues, port malfunction.	Use a high-quality Mini USB 2.0 Type B cable. Install the latest USB drivers for the Ampero II from the Hotone website. Try a different USB port on your computer. Restart both the Ampero II and your computer.

If the problem persists after attempting these solutions, please contact Hotone customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Name	Ampero II MP-350
Dimensions (L x W x H)	7.91 x 17.52 x 4.25 inches (20.1 x 44.5 x 10.8 cm)
Weight	6.23 pounds (2.83 kg)
Amp Modeling Technology	CDCM HD & F.I.R.E.
Effects Library	Over 240 effects, 87 amp models, 68 cab simulations
Impulse Response (IR) Support	Yes, supports third-party IRs
Display	4-inch Full-Color Touchscreen
Looper	120-second stereo looper
Drum Machine	Built-in drum tracks
Audio Resolution	24-bit signal processing, 120dB dynamic range
Connectivity	Stereo outputs, effects loop, MIDI IN/OUT, USB Audio Interface (Mini USB 2.0 Type B), Headphone output, AUX IN
Power Requirement	9V DC (USB Powered option available)
Chassis Material	Sturdy metal

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Hotone website or contact their customer

service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Hotone Official Website: www.hotoneaudio.com