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> BOSS HM-2W Heavy Metal Guitar Effects Pedal Instruction Manual

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Model: HM-2W

INTRODUCTION

The BOSS HM-2W Heavy Metal is a Waza Craft edition guitar effects pedal, recreating the legendary HM-2 distortion sound. This manual provides essential information for setting up, operating, and maintaining your HM-2W pedal to ensure optimal performance and longevity.





Image: Front view of the BOSS HM-2W Heavy Metal Guitar Effects Pedal, showcasing its black casing and orange control knobs.

KEY FEATURES

- Authentic reproduction of the original HM-2 sound with modern enhancements.
- **Standard Mode:** Delivers the classic HM-2 tone with reduced noise and optimized output level.
- **Custom Mode:** Provides a more aggressive sound variation with unique Waza Craft tuning.
- Durable metal construction for reliable performance.
- BOSS five-year warranty.

SETUP

1. Power Supply

The HM-2W can be powered by a 9V battery or an optional PSA-series AC adapter (sold separately). Ensure the power source provides 9V DC.

- **Battery Installation:** Loosen the thumbscrew on the pedal's front to open the pedal. Insert a 9V battery, observing polarity. Close the pedal and tighten the thumbscrew.
- **AC Adapter:** Connect a BOSS PSA-series AC adapter to the DC IN jack. Using an AC adapter is recommended for extended use to prevent battery drain.

2. Connections

1. Connect your guitar or other instrument to the **INPUT** jack using a standard 1/4-inch instrument cable.
2. Connect the **OUTPUT** jack to your amplifier or other effects pedals using a standard 1/4-inch instrument cable.

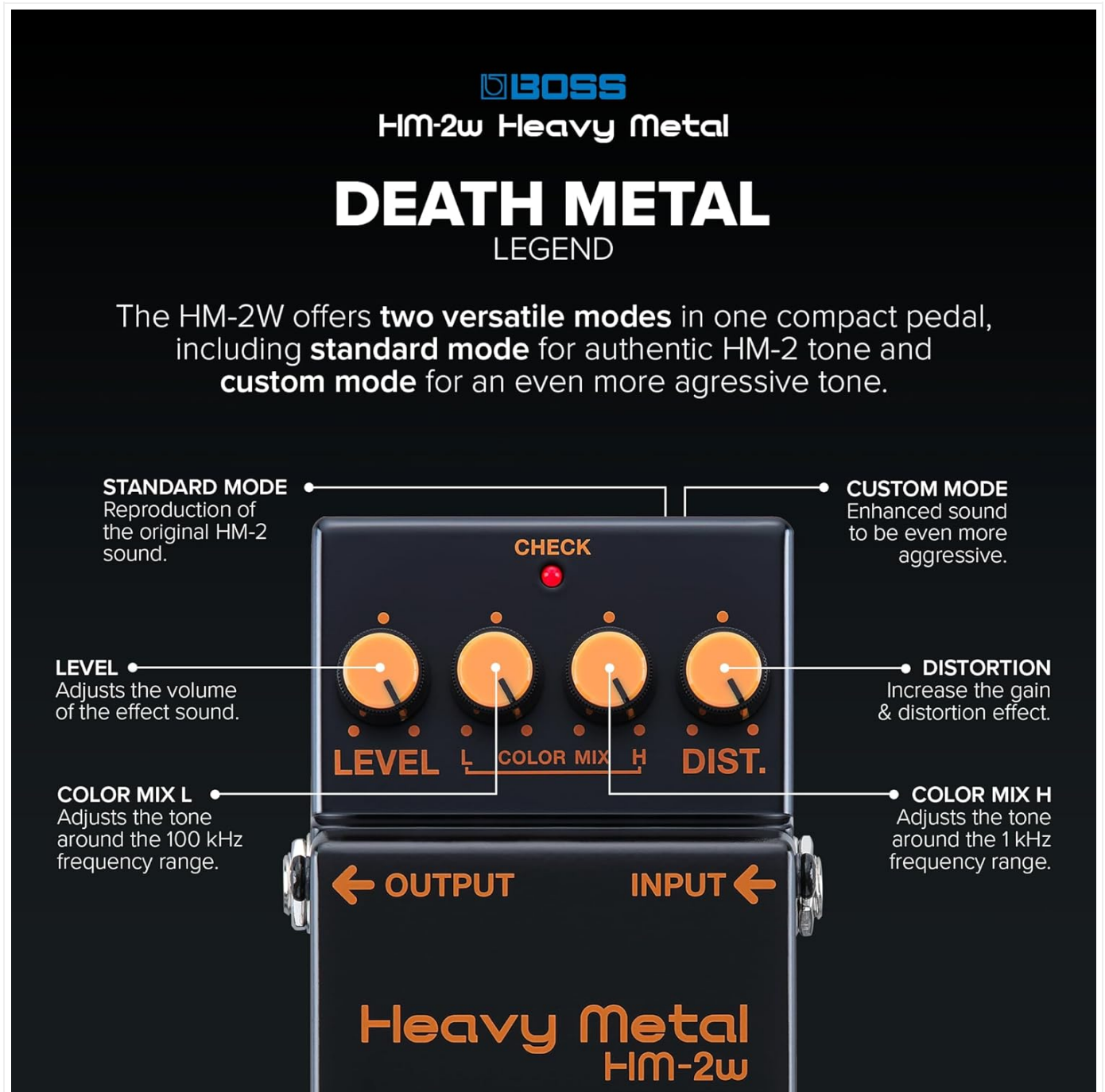


Image: Rear view of the BOSS HM-2W pedal, showing the input and output jacks for connecting instruments and amplifiers.

OPERATING THE PEDAL

The HM-2W features four control knobs and a mode switch to shape your tone.



Image: Detailed diagram illustrating the function of each control knob and the mode switch on the HM-2W pedal.

Control Knobs:

- **LEVEL:** Adjusts the overall volume of the effect sound. Turn clockwise to increase volume.
- **COLOR MIX L:** Adjusts the tone in the lower frequency range (around 100 Hz). Turn clockwise to boost low frequencies.
- **COLOR MIX H:** Adjusts the tone in the higher frequency range (around 1 kHz). Turn clockwise to boost high frequencies.
- **DISTORTION:** Controls the amount of gain and distortion effect. Turn clockwise for more intense distortion.

Mode Switch:

The HM-2W features a two-position mode switch located on the side of the pedal.

- **Standard Mode (S):** Replicates the original HM-2 sound with improved clarity and lower noise.
- **Custom Mode (C):** Offers a more aggressive and modern distortion tone, specially tuned by Waza Craft.



Image: Close-up view of the mode switch on the HM-2W pedal, indicating the Standard (S) and Custom (C) settings.

Engaging the Effect:

Press the pedal switch to toggle the effect on or off. The CHECK indicator light will illuminate when the effect is active.

MAINTENANCE

- **Cleaning:** Wipe the pedal with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Battery Replacement:** Replace the 9V battery when the CHECK indicator light dims or fails to illuminate when the effect is engaged. Always remove the battery if the pedal will not be used for an extended period to prevent leakage.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound or weak sound.	Incorrect connections, dead battery, faulty cables, effect level too low.	Check all cable connections. Replace the 9V battery or use an AC adapter. Ensure the LEVEL knob is not set to minimum. Test with different cables.
Unwanted noise or hum.	Ground loop, faulty power supply, interference from other equipment.	Use a high-quality, isolated power supply. Ensure all equipment is properly grounded. Move the pedal away from other electronic devices.
Effect not engaging.	Dead battery, pedal switch malfunction.	Replace the battery. If the issue persists, contact BOSS customer support.

SPECIFICATIONS

Feature	Detail
Model	HM-2W
Brand	BOSS
Effect Type	Distortion
Signal Format	Analog
Controls	LEVEL knob, COLOR MIX L knob, COLOR MIX H knob, DISTORTION knob, Mode switch (Standard/Custom), Pedal switch
Connectors	INPUT jack (1/4-inch), OUTPUT jack (1/4-inch), DC IN jack
Power Supply	9V Alkaline Battery (6LR61) or Carbon-zinc battery (6F22), AC Adapter (BOSS PSA series, sold separately)
Voltage	9V DC
Current Draw	30 mA (DC 9 V)
Expected Battery Life (continuous use)	Alkaline: Approx. 16 hours (Varies with operating conditions)
Indicators	CHECK indicator (also serves as battery check)
Body Material	Metal
Dimensions (W x D x H)	73 mm x 129 mm x 59 mm (2-7/8 x 5-1/8 x 2-3/8 inches)
Weight (including battery)	450 g (1 lb)
Accessories	Owner's Manual, Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information"), Alkaline battery (9V, 6LR61)

* Specifications are subject to change without notice.

WARRANTY AND SUPPORT

The BOSS HM-2W Heavy Metal Guitar Effects Pedal is covered by a comprehensive BOSS five-year warranty. For warranty claims, technical support, or service inquiries, please contact your local BOSS distributor or visit the official BOSS

website for detailed support information.

Online Resources: For additional information, FAQs, and product registration, please visit the [official BOSS website](#).

