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MAONO E2 Gen2+2 PD100+2 MH700

MAONO MaonoCaster E2 Gen2 Podcast Equipment Bundle User Manual

Model: E2 Gen2+2 PD100+2 MH700
Brand: MAONO

1. Introduction

This manual provides detailed instructions for setting up, operating, and maintaining your MAONO MaonoCaster E2 Gen2 Podcast Equipment Bundle. This all-in-one solution is designed for two-person podcasting and streaming, offering high-quality audio capture and versatile control for content creators.

Image: The MAONO MaonoCaster E2 Gen2 Podcast Equipment Bundle, showcasing the mixer, two microphones, and two headphones, set up for a two-person podcast.

2. What's Included

Your MAONO Podcast Equipment Bundle includes the following components:

- 1 x Audio Interface (MaonoCaster E2 Gen2)
- 1 x USB-A/USB-C to USB-C Cable
- 1 x 3.5mm Audio Cable
- 1 x User Manual
- 2 x XLR Dynamic Microphones (PD100)
- 2 x XLR Cables
- 2 x Studio Headphones (MH700)

3. Key Features

- **Upgraded 2-Person Podcast Setup:** Dual XLR combo inputs with 60dB preamps for clear co-host audio.
- **Studio-Grade XLR Clarity:** Low-noise preamps and built-in noise reduction for pristine audio.
- **8 Custom Sound FX Buttons:** Upload 20-second audio clips for intros, jingles, or sound bites.
- **Efficient Streaming Tools:** One-touch mute, real-time voice monitoring, Loopback function for single-PC streaming, and 8-hour battery life.
- **Voice Effects & Mood Control:** Pitch-shifting (fun/privacy modes) and 6 reverb presets. SingAlong mode for private vocal monitoring.
- **Multi-Platform Connectivity:** Bluetooth for background music, AUX-IN/USB-C for phone/PC connections.
- **Broad Compatibility:** Supports computers, smartphones, and tablets (Mac, Windows, Android).

Image: An overview of the MaonoCaster E2 Gen2's key features, highlighting its 8 customizable soundpads, dual XLR inputs, 2-level noise reduction, Loopback function, and support for two-person podcasts.

Image: Close-up of the MAONO PD100 Professional XLR Dynamic Microphone, emphasizing its low noise, top-address cardioid polar pattern, and all-metal construction.

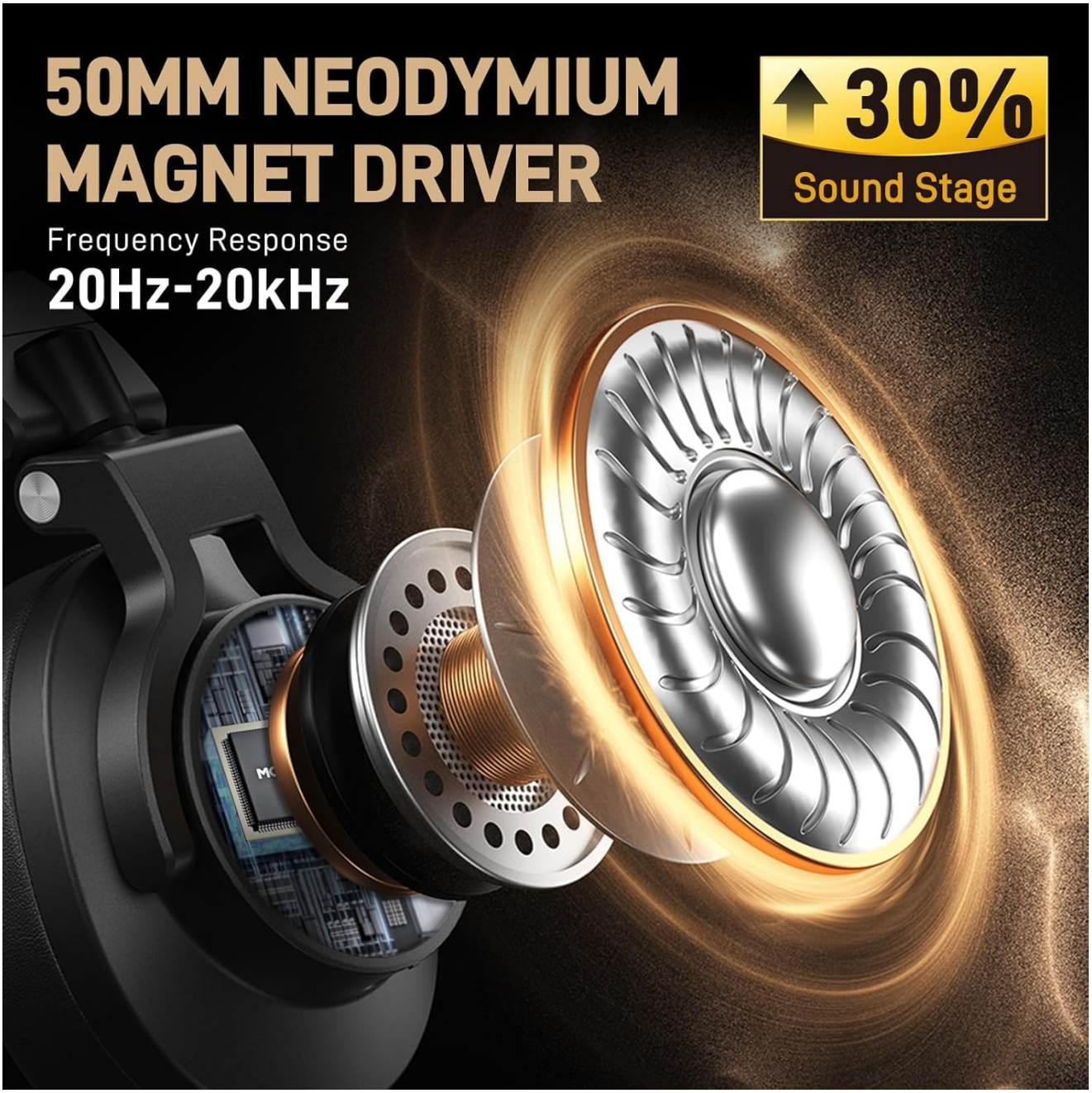

Image: Diagram illustrating the 50mm Neodymium Magnet Driver of the MAONO MH700 Studio Headphones, highlighting its frequency response and sound stage capabilities.

4. Setup Instructions

4.1 Connecting the Audio Interface

1. **Power Connection:** Connect the audio interface to a power source using the provided USB-C cable. The device can also operate on its internal battery for up to 8 hours.
2. **Computer/Phone Connection:** Use the USB-C cable to connect the audio interface to your computer, smartphone, or tablet. Ensure your device recognizes the MaonoCaster E2 Gen2 as an audio input/output device.
3. **Microphone Connection:** Connect the two XLR dynamic microphones to the XLR combo inputs on the audio interface using the provided XLR cables. If using condenser microphones, activate the 48V phantom power for each input as needed.
4. **Headphone Connection:** Plug your studio headphones into the designated headphone jacks on the audio interface.

5. **Auxiliary Devices:** For background music or external audio, connect devices via Bluetooth or the 3.5mm AUX-IN port.

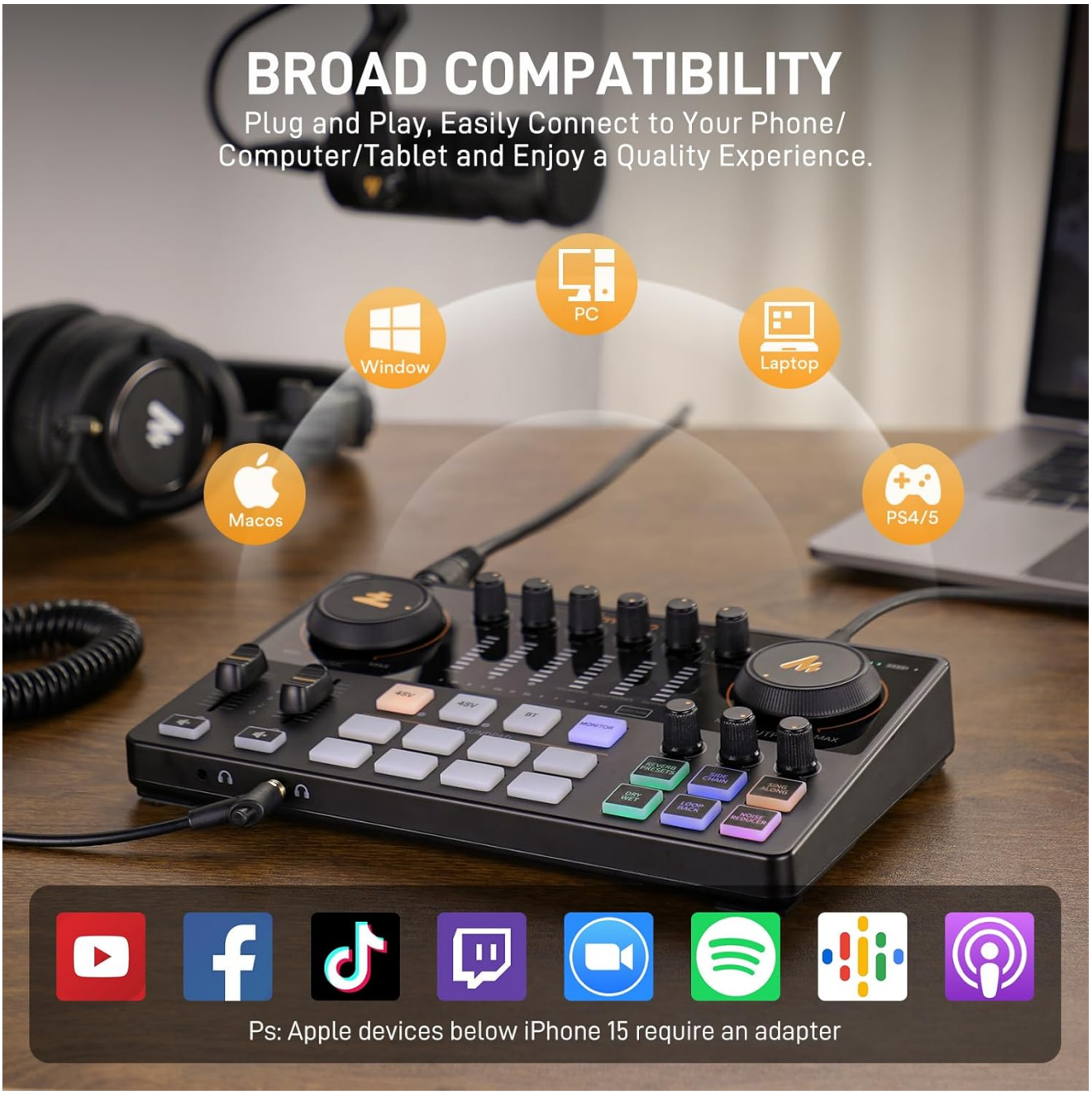

Image: The MaonoCaster E2 Gen2 demonstrating broad compatibility with various operating systems and devices, including Windows, Mac, PCs, laptops, and gaming consoles, as well as popular streaming platforms.

5. Operating Instructions

5.1 Audio Controls

- **Gain Knobs:** Adjust the input sensitivity for each microphone to achieve optimal audio levels.
- **EQ (Low, Mid, High):** Fine-tune the tonal balance of your microphone audio. Adjust Low for bass, Mid for vocal presence, and High for clarity.
- **Music Volume:** Control the volume of background music or auxiliary inputs.
- **Output Volume:** Adjust the overall output level to your streaming or recording device.
- **Headphone Volume:** Control the monitoring volume for your headphones.

Image: Close-up of the MaonoCaster E2 Gen2's control panel, highlighting the independent faders for music and microphone inputs, allowing precise volume adjustments.

5.2 Special Features

- **Soundpads:** Use the 8 customizable soundpad buttons to trigger pre-recorded audio effects, intros, or jingles. Each pad supports up to 20 seconds of audio.
- **Noise Reduction:** Activate the 2-level intelligent noise reduction to minimize background distractions like fans or hums, ensuring clear vocals.
- **Reverb Presets:** Apply one of the 6 reverb presets to add depth and atmosphere to your voice.
- **Pitch-Shifting:** Modify your vocal pitch for creative effects or privacy.
- **SingAlong Mode:** Hear your vocals privately through headphones without sending them to the audience.
- **One-Touch Mute:** Instantly mute your microphone with a dedicated button.
- **Real-Time Monitoring:** The 'Monitor' button allows you to hear your own voice directly through headphones without latency.
- **Loopback Function:** Enable Loopback for seamless integration of all audio sources (microphone, music, sound effects) into a single stream on your computer.

Image: The MaonoCaster E2 Gen2 mixer displaying its 8 custom soundpads, which can be programmed with various audio effects like cheering, applause, or narration.

Image: A visual representation of the MaonoCaster E2 Gen2's 2-level intelligent noise reduction feature, showing how it cleans up audio from a 'Before' state to '1-Level' and '2-Level' reduced noise.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the audio interface, microphones, and headphones. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the equipment in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle cables carefully to prevent damage. Avoid sharp bends or excessive pulling.
- **Battery Care:** For optimal battery life, avoid fully discharging the device frequently. Charge it regularly.

7. Troubleshooting

- **No Sound Output:**
  - Check all cable connections (USB-C, XLR, headphones).
  - Ensure volume knobs (Gain, Music, Output, Headphone) are not set to minimum.

- Verify the device is selected as the default audio input/output in your computer or streaming software settings.
- Confirm 48V phantom power is enabled for condenser microphones.

- **Background Noise/Hum:**
  - Activate the 'Noise Reduction' feature on the audio interface.
  - Check for ground loops or interference from other electronic devices.
  - Adjust microphone gain to an appropriate level; too high can introduce noise.
- **Soundpads Not Working:**
  - Ensure audio clips are properly loaded onto the soundpads.
  - Check the 'Pad Vol' knob to ensure it's not set to minimum.
- **Bluetooth Connectivity Issues:**
  - Ensure Bluetooth is enabled on both the audio interface and your pairing device.
  - Move devices closer to each other to improve signal strength.
  - Try unpairing and re-pairing the devices.

8. Technical Specifications

Feature	Specification
Item Weight	7.6 pounds
Product Dimensions	9.64 x 6.18 x 2.16 inches
Item Model Number	E2 Gen2+2 PD100+2 MH700
Compatible Devices	Headphone, Laptop, Microphone, Personal Computer, Smartphone
Operating System	Android, Windows, macOS
Power Source	Battery Powered
Voltage	5 Volts
Brand	MAONO
Connectivity Technology	AUX, Bluetooth, USB
Number of Channels	10

9. Warranty and Support

MAONO products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the official MAONO website or contact their customer service directly. Keep your purchase receipt for warranty claims.
Official MAONO Website: www.maono.com