Warm Audio WA-14

Warm Audio WA-14 Large Diaphragm Condenser Microphone Instruction Manual

Model: WA-14

1. Introduction

The Warm Audio WA-14 is a large diaphragm condenser microphone designed to deliver high-quality audio capture. It features a custom all-brass CK12-style capsule, a CineMag USA transformer, and a fully discrete signal path, providing a rich and warm sonic character. This microphone is versatile, suitable for a wide array of sources including vocals, acoustic and electric guitars, bass, drums, and orchestral instruments. This manual provides essential information for the proper setup, operation, and maintenance of your WA-14 microphone.

2. What's in the Box

Upon unpacking your Warm Audio WA-14, please ensure all the following items are present:

- Warm Audio WA-14 Large Diaphragm Condenser Microphone
- Shock Mount
- Hard Mount
- Protective Zipper Pouch
- Instruction Manual (this document)

3. Setup

Follow these steps to set up your WA-14 microphone:

1. **Attach the Mount:** Securely attach either the provided shock mount or hard mount to a microphone stand. The shock mount is recommended for reducing unwanted vibrations and handling noise.
2. **Mount the Microphone:** Carefully insert the WA-14 microphone into the chosen mount. Ensure it is firmly seated and stable.
3. **Connect XLR Cable:** Connect a standard 3-pin XLR cable from the bottom of the WA-14 microphone to your audio interface, mixer, or preamplifier.
4. **Apply Phantom Power:** The WA-14 is a condenser microphone and requires +48V phantom power to operate. Activate phantom power on your audio interface or preamplifier. *Ensure phantom power is off before connecting or disconnecting the*

microphone to prevent damage.

5. **Positioning:** Position the microphone with the silver grille facing the sound source for optimal capture.





Image: Warm Audio WA-14 Large Diaphragm Condenser Microphone, showing its black body and silver grille, ready for mounting.

4. Operating the WA-14

The WA-14 offers several features to adapt to various recording situations:

- **Polar Patterns:** The microphone features multiple selectable polar patterns:
  - **Cardioid:** Captures sound primarily from the front, rejecting sound from the sides and rear. Ideal for vocals and individual instruments.
  - **Figure-of-Eight:** Captures sound equally from the front and rear, rejecting sound from the sides. Useful for recording two sources facing each other or for specific room ambiance.
  - **Omnidirectional:** Captures sound equally from all directions. Suitable for recording room ambiance, choirs, or multiple instruments in a natural setting.

  Select the desired polar pattern using the switch located on the microphone body.
- **Output Pad:** The WA-14 includes a switchable output pad with options for 0dB, -10dB, and -20dB. This feature is used to reduce the microphone's output level when recording very loud sound sources, preventing clipping at the input of your preamplifier or interface.

  Engage the appropriate pad setting if your input signal is too hot, even with the preamplifier gain turned down.
- **Microphone Orientation:** For most applications, the microphone should be oriented with the silver grille facing the sound source. The selected polar pattern will then dictate the directional pickup.

5. Maintenance

Proper care will ensure the longevity and optimal performance of your WA-14 microphone:

- **Storage:** Always store the microphone in its protective zipper pouch when not in use to shield it from dust, moisture, and physical damage.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the microphone. Avoid using liquid cleaners or solvents, as these can damage the finish or internal components.
- **Handling:** Handle the microphone with care. Avoid dropping it or subjecting it to strong impacts, which can affect its delicate internal capsule.
- **Environment:** Operate and store the microphone in a stable environment, away from extreme temperatures, humidity, and strong magnetic fields.

6. Troubleshooting

If you encounter issues with your WA-14 microphone, refer to the following common troubleshooting steps:

- **No Sound Output:**
  - Ensure +48V phantom power is activated on your audio interface or preamplifier.
  - Check all XLR cable connections for proper seating and integrity. Try a different XLR cable if possible.
  - Verify that the input gain on your audio interface/preamplifier is set appropriately.
  - Confirm the correct input is selected in your recording software or mixer.
- **Distorted Sound:**
  - If the sound is distorted, the input signal might be too strong. Engage the -10dB or -20dB output pad on the microphone.
  - Reduce the input gain on your audio interface or preamplifier.
  - Ensure the microphone is not positioned too close to a very loud sound source.
- **Excessive Noise/Hum:**
  - Check for proper grounding of all audio equipment.
  - Ensure XLR cables are high-quality and properly shielded.
  - Move the microphone and cables away from power supplies, fluorescent lights, or other sources of electromagnetic interference.

If these steps do not resolve your issue, please contact Warm Audio customer support for further assistance.

7. Specifications

Feature	Detail
Model Name	WA-14
Microphone Form Factor	Microphone Only
Polar Pattern	Multipattern (Cardioid, Figure-of-Eight, Omnidirectional)
Output Pad	0dB, -10dB, -20dB
Frequency Range	20Hz to 20kHz
Impedance	150 Ohms
Signal-to-Noise Ratio	20 dB
Connectivity Technology	XLR
Power Source	Electric (requires +48V Phantom Power)
Item Weight	2.45 pounds

Feature	Detail
Product Dimensions (L x W x H)	11.85 x 8.5 x 4.55 inches
Material	Silver (grille)
Manufacturer	Warm Audio

8. Warranty and Support

Warm Audio products are designed for reliability and performance. For information regarding warranty coverage, product registration, or technical support, please visit the official Warm Audio website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

Online Resources:

- Warm Audio Store on Amazon
- Refer to the official Warm Audio website for the most up-to-date support information.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question