

beyerdynamic AMS-DT-108-200-400-BLACK

Beyerdynamic DT-108-200-400-BLACK

SINGLE-EAR HEADSET USER MANUAL

1. Introduction

The Beyerdynamic DT 108 is a professional single-ear headset designed for demanding audio environments such as news gathering, film, TV production, and live events. Its robust construction ensures durability, while the comfortable design allows for extended wear. This manual provides essential information for the proper setup, operation, and maintenance of your DT 108 headset.



Image: The Beyerdynamic DT-108-200-400-BLACK single-ear headset, showing the headphone cup, headband, and hypercardioid microphone arm.

2. Key Features

- **Closed, Dynamic Single-Ear Headphone:** Provides excellent sound isolation while allowing one ear to monitor ambient sound.
- **400 Ohms Impedance:** Optimized for professional audio equipment.
- **Dynamic, Hypercardioid Microphone:** Designed for clear voice transmission with excellent off-axis rejection, minimizing background noise.
- **High SPL Capability:** Microphone is capable of handling very high sound pressure levels without distortion.
- **Exceptional Comfort:** Features a soft headband and ear pads for long-term wear comfort.
- **Rugged and Durable Construction:** Built to withstand the rigors of professional use.

3. Setup

The DT 108 headset requires a connecting cable (sold separately) to operate. Ensure you have the correct

cable for your specific application (e.g., XLR for microphone, 1/4-inch or 3.5mm for headphone).

1. **Connect the Cable:** Attach the appropriate connecting cable to the headset's connector. Ensure a secure connection.
2. **Identify Audio Ports:** Locate the microphone input and headphone output ports on your audio mixer, intercom system, or recording device. Microphone inputs are typically XLR, and headphone outputs are usually 1/4-inch (6.35mm) or 3.5mm jacks.
3. **Plug In:** Connect the microphone end of the cable to the microphone input and the headphone end to the headphone output.
4. **Power On:** Turn on your audio equipment.

4. Operating Instructions

1. **Wearing the Headset:** Place the single ear cup over one ear, ensuring a comfortable and secure fit. The headband should rest comfortably over your head. The open side allows for monitoring of ambient sound.
2. **Adjusting the Microphone:** Position the microphone arm so that the microphone is approximately 1-2 inches (2.5-5 cm) from the corner of your mouth. This optimal distance helps capture clear audio and minimizes breath noises.
3. **Monitoring Audio:** Adjust the headphone volume on your connected audio device to a comfortable listening level. The DT 108 is designed to provide clear audio monitoring.
4. **Speaking into the Microphone:** Speak clearly and directly into the microphone. The hypercardioid pattern is designed to pick up sound primarily from the front, reducing unwanted background noise.

5. Maintenance and Care

- **Cleaning:** Use a soft, dry cloth to wipe down the headset. For ear pads, a slightly damp cloth with mild soap can be used, but ensure they are completely dry before use. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the headset in a clean, dry place away from extreme temperatures and direct sunlight. Avoid tangling the cable.
- **Cable Care:** Handle the connecting cable with care. Avoid sharp bends or excessive pulling, which can damage the internal wiring.
- **Ear Pad Replacement:** Ear pads are replaceable. If they become worn or damaged, contact Beyerdynamic support or an authorized dealer for replacement parts.

6. Troubleshooting

- **No Sound from Headphone:**
 - Check if the headphone cable is securely connected to both the headset and the audio output.
 - Verify the volume level on your audio device.
 - Ensure the audio source is active and sending a signal.
 - Test with another audio source or device if possible.
- **Microphone Not Working:**
 - Check if the microphone cable is securely connected to both the headset and the microphone input.

- Ensure the microphone input on your audio device is enabled and its gain/level is appropriately set.
 - Confirm that phantom power is not accidentally engaged if your device provides it, as this dynamic microphone does not require it and it could potentially cause issues.
 - Test with another microphone input or device if possible.
- **Distorted Audio:**
 - Reduce the input gain on your audio device if the sound is distorted from the microphone.
 - Lower the output volume if the headphone audio is distorted.
 - Check for damaged cables or connectors.

7. Specifications













Feature	Specification
Model Name	DT 108
Headphone Type	Closed, Dynamic, Single-Ear
Impedance	400 Ohms
Frequency Range (Headphone)	30 - 20,000 Hz
Microphone Type	Dynamic, Hypercardioid
Connectivity Technology	Wired
Material	Fabric, Plastic
Color	Black
Item Weight	0.62 Pounds (approx. 9.9 ounces)
Product Dimensions	8.5 x 3.1 x 7.9 inches

8. Warranty and Support

Beyerdynamic products are manufactured to high quality standards and come with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Beyerdynamic website.

For technical support, spare parts, or service inquiries, please contact Beyerdynamic customer service or visit their official support page. You can find more information and contact details on the [Beyerdynamic Store on Amazon](#) or their global website.

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 <p>DT 990 PRO</p> 	<p>Beyerdynamic DT 990 PRO Studio Headphones User Manual and Technical Specifications</p> <p>Comprehensive user manual and technical specifications for the Beyerdynamic DT 990 PRO open dynamic studio headphones. Learn about features, applications, safety, maintenance, and detailed specs.</p>
 <p>M 160</p> 	<p>Beyerdynamic M 160 Double-Ribbon Microphone User Manual</p> <p>Comprehensive user manual for the Beyerdynamic M 160 dynamic double-ribbon microphone, covering safety instructions, box contents, features, application, technical specifications, installation, operation, maintenance, disposal, troubleshooting, warranty, and conformity information.</p>
 <p>DT 1770 PRO DT 1990 PRO</p> 	<p>Beyerdynamic DT 1990 PRO MKII Premium Studio Headphones Quick Start Guide</p> <p>Official quick start guide for the Beyerdynamic DT 1990 PRO MKII open studio headphones. Learn about features, setup, accessories, maintenance, and technical specifications for professional audio mixing and mastering.</p>
 <p>DT 990 PRO X</p> 	<p>Beyerdynamic DT 990 PRO X Studio Headphones User Manual</p> <p>Comprehensive user manual for the Beyerdynamic DT 990 PRO X open-back studio headphones, covering safety, application, maintenance, cable and pad replacement, technical specifications, and warranty information.</p>
 <p>DT 770 PRO X</p> 	<p>beyerdynamic DT 770 PRO X Studio Headphones User Manual</p> <p>Comprehensive user manual for the beyerdynamic DT 770 PRO X dynamic studio headphones, covering safety, application, maintenance, specifications, and more.</p>
 <p>DT 900 PRO X</p> 	<p>beyerdynamic DT 900 PRO X Studio Headphones: User Guide and Technical Specifications</p> <p>Comprehensive guide for the beyerdynamic DT 900 PRO X open-back studio headphones, covering features, applications, connection, maintenance, safety, and technical details.</p>