

Behringer BC110

Behringer BC110 Dynamic Vocal Microphone Set User Manual

Model: BC110

1. INTRODUCTION

The Behringer BC110 is a dynamic vocal microphone designed for clear and reliable audio capture in various settings. Its robust construction and optimized sound characteristics make it suitable for applications such as singing, public speaking, and general vocal amplification. This manual provides essential information for the proper setup, operation, and maintenance of your BC110 microphone.





An overview of the Behringer BC110 dynamic vocal microphone, showcasing its black finish, integrated cable, and the included 1/4-inch adapter for versatile connectivity.

2. WHAT'S IN THE BOX

Upon unpacking your Behringer BC110, please ensure all listed components are present:

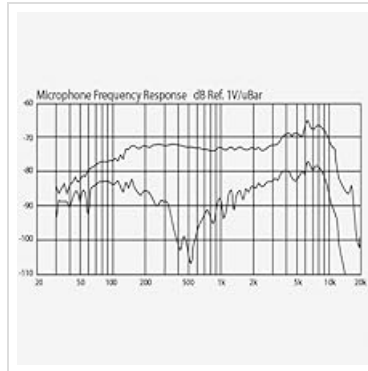
- Behringer BC110 Dynamic Vocal Microphone with attached cable and 3.5 mm (1/8") TS connector
- 1/4" TS adapter

3. SETUP

Follow these steps to connect your Behringer BC110 microphone to your audio system:

1. **Identify the Connector:** The BC110 comes with an attached cable terminated with a 3.5 mm (1/8") TS connector.

2. **Use the Adapter (if needed):** If your audio equipment (e.g., PA system, mixer, amplifier) has a 1/4" input jack, attach the included 1/4" TS adapter to the 3.5 mm connector. Ensure it is firmly seated.
3. **Connect to Audio System:** Insert the microphone's connector (with or without the adapter) into the designated microphone input on your audio device. Ensure the connection is secure to prevent signal loss.



The Behringer BC110 microphone with its integrated 3.5mm connector and the accompanying 1/4-inch adapter, demonstrating its connectivity options.

4. OPERATING

To achieve optimal performance from your BC110 microphone, follow these operating guidelines:

1. **Power On/Off:** Locate the slide switch on the microphone body. Slide it to the "ON" position to activate the microphone. When not in use, slide it to "OFF" to conserve power and prevent unwanted sound capture.
2. **Microphone Positioning:** For best vocal clarity and to minimize plosive sounds, hold the microphone approximately 2 to 6 inches (5 to 15 cm) from your mouth. Experiment with distance to find the ideal sound for your voice.
3. **Volume Adjustment:** Adjust the input gain or volume control on your connected audio device (mixer, PA system) to achieve the desired output level. Avoid setting the volume too high, which can lead to distortion or feedback.



A close-up view of the Behringer BC110 microphone, clearly displaying the ON/OFF slide switch on its body for easy control during operation.

5. MAINTENANCE

Proper care will extend the life and performance of your microphone:

- **Cleaning:** Wipe the microphone body with a soft, dry cloth. Do not use liquid cleaners, solvents, or abrasive materials, as these can damage the finish or internal components.
- **Storage:** Store the microphone in a dry, cool environment, away from direct sunlight, extreme temperatures, and high humidity.
- **Cable Care:** Avoid sharply bending, kinking, or pulling on the attached cable. Always grasp the connector, not the cable, when plugging or unplugging.

6. TROUBLESHOOTING

If you encounter issues with your BC110 microphone, refer to the following common problems and solutions:

No Sound Output

- Ensure the microphone's ON/OFF switch is in the "ON" position.
- Verify that the cable is securely connected to both the microphone and the audio input device.
- Check the volume levels and input gain settings on your audio device.
- If possible, test the microphone with another audio input or cable to determine if the issue lies with the microphone or the connected equipment.

Feedback (High-Pitched Squeal)

- Reduce the microphone's input volume or gain on your audio device.
- Move the microphone further away from speakers or monitors.

- Ensure the microphone is not pointed directly at speakers. The BC110 has a cardioid pickup pattern, which is designed to reject sound from the rear; utilize this by speaking into the front of the microphone.

Distorted Sound

- Reduce the input gain or volume on your audio device.
- Ensure you are not speaking too loudly or too close to the microphone, which can cause signal clipping.

7. SPECIFICATIONS

Detailed technical specifications for the Behringer BC110 microphone:

Feature	Detail
Item Weight	0.2 Kilograms (7.1 ounces)
Microphone Form Factor	Handheld
Dimensions (L x W x H)	10.45 x 3.95 x 2.3 inches
Power Source	Corded Electric
Signal-to-Noise Ratio	70 dB
Number of Channels	1
Manufacturer	Music Tribe
UPC	644216672004
Item Model Number	BC110
Recommended Uses	Singing
Brand	Behringer
Connectivity Technology	Auxiliary
Connector Type	3.5 mm Jack
Special Feature	Attached cable
Compatible Devices	PA System
Color	Black
Included Components	Microphone, 1/4" adapter
Polar Pattern	Unidirectional (Cardioid)



A graph illustrating the frequency response of the Behringer BC110 microphone, showing its performance across different audio frequencies.



8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official Behringer website or contact their customer service department. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.

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Related Documents - BC110

	<p>Behringer TA312S Dynamic Gooseneck Microphone - Quick Start Guide</p> <p>Quick start guide for the Behringer TA312S dynamic gooseneck microphone, detailing its features, specifications, safety instructions, and warranty information.</p>
	<p>Behringer SL 85S Dynamic Cardioid Microphone Quick Start Guide</p> <p>A quick start guide for the Behringer SL 85S Dynamic Cardioid Microphone, detailing its features, specifications, and warranty information in multiple languages.</p>
	<p>Behringer BA 19A and C-2 Condenser Microphones: User Manual and Specifications</p> <p>This document provides user manuals and technical specifications for the Behringer BA 19A boundary condenser microphone for instrument applications and the Behringer C-2 matched pair of studio condenser microphones. It includes safety instructions, features, applications, and detailed technical data for both products.</p>
	<p>Behringer SL 85S Dynamic Cardioid Microphone with Switch - Features, Specs & Quick Start Guide</p> <p>Discover the Behringer SL 85S, a dynamic cardioid vocal microphone featuring an On/Off switch. This guide provides key features, detailed specifications, frequency response insights, and warranty information for optimal audio performance. Ideal for vocalists and live sound applications.</p>

	<p>Behringer BA 19A Condenser Boundary Microphone - Quick Start Guide & Specifications</p> <p>Quick start guide and technical specifications for the Behringer BA 19A condenser boundary microphone, designed for instrument applications. Features include frequency response, polar pattern, and connectivity.</p>
	<p>Behringer SL 75C Dynamic Cardioid Microphone: Quick Start Guide</p> <p>Discover the Behringer SL 75C, a dynamic cardioid microphone designed for excellent voice, drum, and guitar performance. This guide covers its features, specifications, frequency response, and warranty information.</p>