



Behringer C-3 Dual-diaphragm Condenser Microphone User Manual

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Behringer C-3 Dual-diaphragm Condenser Microphone



Important Safety Instructions



-  Terminals marked with this symbol carry an electrical current of sufficient magnitude to constitute a risk of electric shock. Use only high-quality commercially available speaker cables with ¼" TS plugs pre-installed. All other installations or modifications should be performed only by qualified personnel.
-  This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.
-  This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.
-  Condenser microphones are extremely moisture-sensitive. Never use your microphone in close proximity to water (e.g. bathtubs, washbasins, sinks, washing machines, pools, etc.). When doing voice recordings, always use the enclosed windscreen to protect the capsule from moisture.
-  Always use the power supply specified in the operating instructions.
-  Take care not to drop your microphone as this can lead to severe damage. BEHRINGER assumes no liability for any damage caused by the user.

-  After each use, wipe the microphone down with a soft cloth and place it back into its protective casing (included with the microphone). Then, lay the small bag containing the moisture-absorbing crystals on top of the microphone head.

LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding MUSIC Group's Limited Warranty, please see complete details online at www.music-group.com/warranty.

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PRODUCT HIGHLIGHTS


- **Power Supply**

Your condenser mic C-3 needs a phantom power supply (+48 V). If your C-3 is connected to a microphone preamp and supplied with phantom power, the LED on the microphone lights up. BEHRINGER assumes no liability for any damage caused by a defective phantom power supply. Always mute the sound reinforcement system before you switch on the phantom power supply.

Directivity

Your C-3 is a large diaphragm microphone featuring a double membrane. This allows you to choose between three different pickup patterns – cardioid, omnidirectional, and figure eight. Make your selection using the switch located at the back of your microphone.


- **Cardioid**

Microphones with this polar pattern (switch position: middle, ) are most sensitive to sound coming from in front of the microphone, and also to a lesser extent from the sides. The sound coming from behind the microphone will be greatly attenuated. This makes the cardioid polar pattern most suitable for recording individual instruments or vocals within a group.

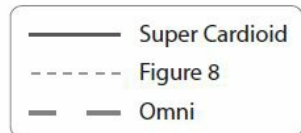
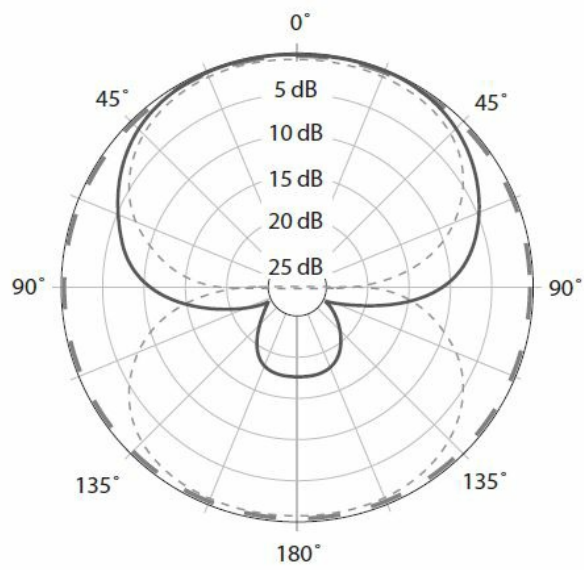
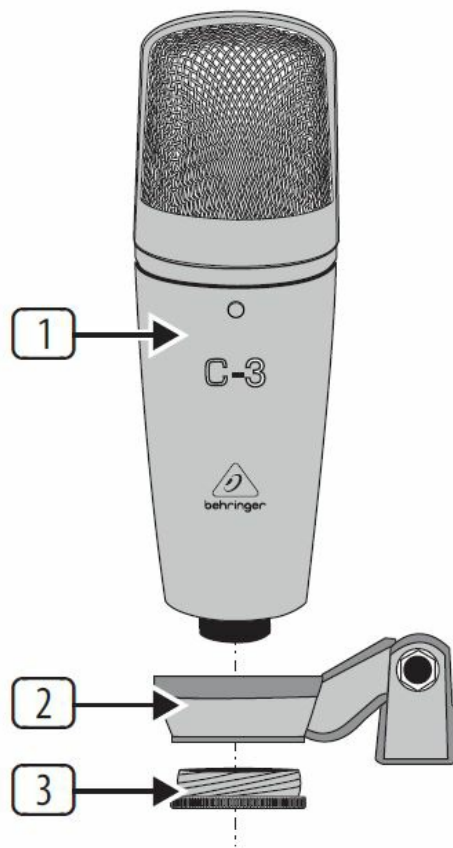
- **Figure eight**

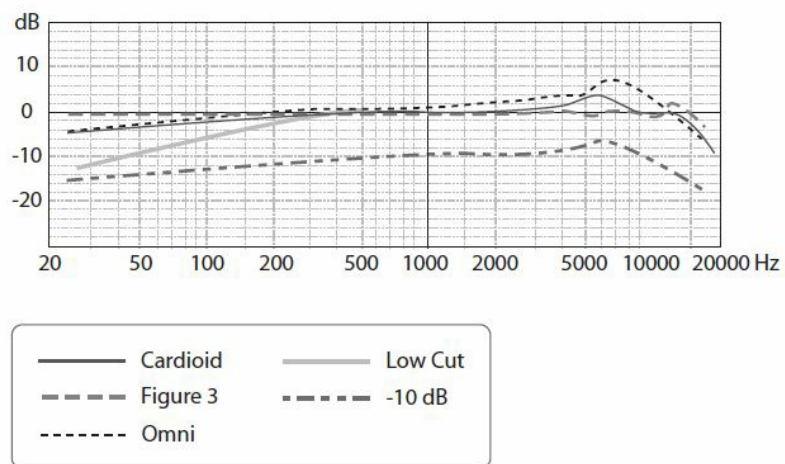
Microphones featuring the figure eight polar pattern (switch position: left, 8) are most sensitive to sound coming from either directly in front of or directly behind the microphone. The sound coming from either side or above/below is greatly attenuated. This polar pattern is perfectly suited as a reporter mic for two speakers. This pattern can also allow you to create a natural reverb or delay effect. This is achieved by placing the microphone between the sound source and a wall. The direct sound reaches the “front” membrane first, the reflected sound reaches the “rear” membrane a short time later. You can adjust the delay/reverb time by changing the distance from the mic to the wall.

- **Omnidirectional**

If you use the C-3 with the omnidirectional polar pattern selected (switch position: right, ) , the microphone is equally susceptible to sound coming from all directions. This polar characteristic is particularly well suited to sessions in which a natural-sounding recording is sought, or when several sound sources surround the C-3.







FREQUENTLY ASKED QUESTIONS

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