



FR-320



Professional Audio Division

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Stereo

Field Recording

Microphone

FR-320

Stereo Field Recording Microphone



Thank you for choosing the MXL FR-320 Stereo Field Recording Microphone. For best results, please take a few moments to read this manual and familiarize yourself with proper operation and care of this microphone.

Contents

Unpack your MXL FR-320 microphone carefully and verify that all of the following items are included:

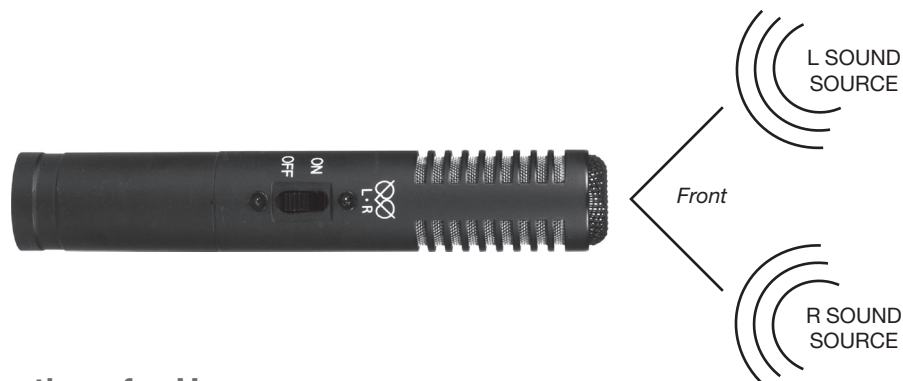
- MXL FR-320 Stereo Field Recording Microphone
- 1/8" to 1/8" TRS Coiled Cable
- 5/8" Shock Mount to Cold Shoe Adapter
- Windscreen

If any of these items are missing or damaged, promptly contact the company from which you purchased the microphone.

General Characteristics

The FR-320 is a stereo field recording microphone consisting of two electret condenser capsules. With its 90-degree X/Y configuration, you can achieve clear, true-to-life stereo sound when used with portable recorders, video cameras, and video-enabled DSLR cameras.

Use a common watch battery (LR44) to power the mic or work off of power from your recording device (2.5V); refer to your recorder's manual to verify if it is capable of powering an external microphone.



Directions for Usage

The TOP of the microphone is identified by the stereo cardioid (L · R) icon and location of the ON-OFF switch. For consistency, the TOP of the microphone should always face up, with the FRONT end of the microphone pointed TOWARD the sound source. Stereo audio will be captured from in FRONT of the of microphone.

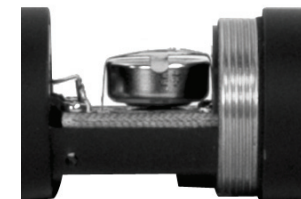
Specifications

Transducer	2 Electret Condenser Capsules
Polar Pattern	X/Y Stereo
Frequency Response	50Hz - 16kHz
Output Impedance	600 ohms
Power Requirements	LR44 battery or 2.5V mic Bias
Output Connector	3.5mm TRS
Dimensions	5 in. x 7/8 in.
Weight	0.5lbs



Battery

The MXL FR-320 uses a standard LR44 watch battery. To insert or replace the battery, carefully unscrew the backend portion of the FR320 microphone to expose the battery compartment. When inserting the battery, the (+) positive side should face up and away from the internal circuit board of the FR320, and should align with the ON-OFF switch, which is located on the TOP of the microphone.



Care

Dust and foreign particulates can degrade the performance of a microphone over time so it is recommended to store the microphone in a cool, dry place when not in use, along with the included silica gel packet. Utilize the foam windscreen to reduce wind noise and prevent moisture from entering the microphone, as the latter can significantly diminish performance over time. Following these steps will help ensure the FR-320 remains functional and sounding great for many years to come.

Warranty

MXL microphones are guaranteed against defects in materials and workmanship for one year from the date of purchase. If you encounter any problem with this unit, promptly contact the company from which you purchased it for assistance. The original dated sales receipt will be necessary for any warranty claim. Do not send any unit directly to us without prior authorization from our service department. Warranty coverage is limited to repair or replacement (at our option) of the microphone, and does not cover incidental damages due to use of this unit, nor damage caused by accidental misuse of this product.