



CMG-50 SHOTGUN MICROPHONE User Guide

LYXCMG50



www.lyxpro.com

info@lyxpro.com
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Distributed by
C&A Marketing, Inc.
114 Tived Lane East
Edison, NJ 08837 USA

C&A Marketing UK LTD
167 Hermitage Road
Crusader Industrial Estate
London N4 1LZ
United Kingdom

Thank you for purchasing the LyxPro CMG-50 Shotgun Microphone. The LyxPro CMG-50 Shotgun Microphone is designed especially for use with video cameras. Low noise and optional battery operation make this mic ideal for professional film, video, and television production applications, in the field or in the studio. Due to its high directivity, the CMG-50 picks up sound directly from where the camera is pointing and effectively diminishes noise from the sides and rear.

What's Included

- CMG-50 Microphone
- Mount
- Windscreen
- Storage pouch
- User guide

Safety Precautions

- Use this product only for its intended purpose.
- Do not immerse any part of the product in water or other liquids.
- Do not use the product in a humid environment or near water.
- Do not expose the product to direct sunlight, heat sources, or open flames.
- Do not cover or obstruct the ventilation openings when operating the product.
- Do not attempt to disassemble the housing.
- Do not connect to non-compatible devices.

Connecting to Power Source

- The CMG-50 uses a P48V phantom power supply (included with most professional video cameras or mixing consoles). In addition, this microphone can also be powered by an internal 1.5V AA battery.
- To insert battery, turn the base of the microphone counterclockwise.
- Slide the cover to open the battery compartment (The cover will not come off entirely. Do NOT force it). Insert the battery, matching the polarity (+/-).
- Close the battery cover and turn the base of the microphone clockwise. Do NOT over-tighten.
- To preserve battery life, remove the battery from the microphone when not in use.

General Operation

- This microphone incorporates a switchable high pass filter. This is used to remove low frequency noise that is not part of your intended sound source. This will affect the tonal characteristics, so it is important to listen to the sound with and without the HPF in circuit to decide if it is appropriate for the source.
- The HPF is activated by a recessed switch located above the battery compartment. A small screwdriver should be used to access the switch as it is designed to prevent accidental toggling.
- This microphone comes with a foam windscreen. Use of this windscreen helps prevent sound interference caused by breezes or wind.
- When using the microphone outside in heavy winds, a more heavy-duty windscreen may be needed to provide additional protection.

Specifications

Dimensions:

Diameter: .8" (20mm)

Length: Approx. 10.2" (260mm)

Pickup Pattern: Super-Cardioid

Frequency Response: 40 Hz to 20 kHz

Max. Sound Pressure Level: 135 dB SPL at P48; 130 dB SPL with battery power

Weight: About 135 g (without battery)

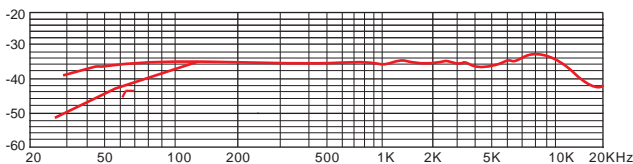
Sensitivity in Free Field, No Load (1kHz): 39 dB; 37dB with battery power

Equivalent Noise Level: 16 dB (A) at P48; 17 dB (A) with battery power

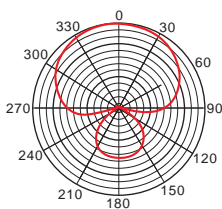
Operating Time: Approx. 140 hrs.

Power Supply: 48 V +/- 4V (P48, IEC 61938) or Battery/Rechargeable Battery: 1.5V/1.2V AA size

Current Consumption: 3mAh



Frequency Response Graph



Uni-directional
(at 1kHz)

This product is covered by a limited one-year warranty. Please see warranty information on our website at www.lyxpro.com.

Customer Service:

info@lyxpro.com

866-849-3049