

# EIKON

## MFC81

**PROFESSIONAL SHOTGUN  
CONDENSER MICROPHONE**  
USER'S MANUAL



ENGLISH

## General

The EIKON MFC81 is a shotgun condenser microphone for use in video recordings, lecterns or theatre applications.

This microphone is extremely light and rugged and therefore ideal for mounting on Video cameras or Camcorders. It can be used for outdoor applications or in studios with fish pole booms or as handhelds.

The electrostatic transducer element and the uni-directional feature result in an excellent polar pattern with very high sensitivity.

**Product complies with CE regulations** 

## Features

- Shotgun style condenser microphone.
- Permanently polarized capsule.
- Switchable cardioid / uni-directional polar pattern.
- Switchable sensitivity for shotgun or handheld applications (Switch OFF/NORMAL /TELE).
- Phantom/ battery

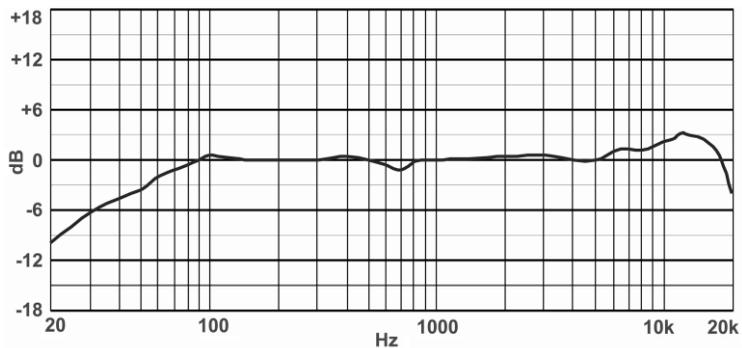
## Operating Suggestions

1. Insert the battery with the correct polarity and connect the audio cable.
2. Turn on the microphone and switch TELE or NORMAL depending on different applications.
3. Take out the battery if the microphone will not be used for a long time, or the device may be damaged by the spillage of the degenerative battery.
4. If microphone is connected to a 48V phantom power supply, the mic power supply will switch to 48V

## Specifications

Microphone Type	Condenser (back electret)
Polar Pattern	Cardioid (Unidirectional)
Frequency Response	100 to 20.000Hz
Output Impedance (at 1000 Hz)	1000 ohm
Load Impedance (at 1000 Hz)	2300 ohm
Sensitivity (at 1000 Hz)	Short distance -45dB, long distance -38dB
Power Supply	DC1.5V/Phantom Power 48V
Dimensions	360 mm. L x 21 mm W
Net Weight	120 gr.

## Frequency Response



# EIKON

is a brand of

**PROEL S.p.A.**

(World Headquarters - Factory)

Via all a Ruenia 37/43

64027 Sant 'Omero (Te) - Italy

Tel: +39 0861 81241

Fax: +39 0861 887862

[www.eikon-audio.com](http://www.eikon-audio.com)