

EIKON

CM14USB

CONDENSER STUDIO MICROPHONE WITH USB
USER'S MANUAL



ENGLISH

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General

Thank you for buying the EIKON CM14USB cardioid condenser USB/XLR microphone.

Equipped with both USB and an XLR outputs, this digital/analog mic is designed both for live performance and digitally capturing music or any acoustic audio source using your favorite recording software.

The CM14USB faithfully reproduces a variety of sound sources including vocals, acoustic instruments and It is also great for VoIP and webcasting. The extended frequency and fast transient response ensures an accurate linear reproduction.

The microphone also features a built-in headphone jack with volume control that allows you to monitoring the direct microphone signal (your voice for example) and the sound from your audio recording software on your computer / device.

The microphone's cardioid polar pattern delivers excellent off-axis rejection, while its A/D converter with a 24-bit, 96 kHz sampling rate ensures clear, articulate sound reproduction.

The CM14USB features a blue LED inside the microphone cage that indicates when the microphone has power. If the light does not turn on after plugging the microphone in, the computer or device you are using may not provide enough power for the CM14USB. If this is the case, we recommend connecting the CM14USB via a powered USB hub.

The CM14USB is a "Plug & Play" USB device, compatible with both Windows and Mac computers, as well as the Apple iPad via the USB camera connection kit (available directly from Apple).

Features

- Condenser microphone with USB digital output and XLR analog output
- USB output connects to your computer for digital recording, while the XLR output connects with your sound system's conventional microphone input for use in live performance
- Smooth, extended frequency response ideally suited for home studio recording, field recording, voiceover, podcasting
- Built-in headphone jack allows you to directly monitor your microphone's output with zero latency
- Adjust headphone volume with easy-to-use controls on the bottom of the microphone
- High-quality A/D converter with 24-bit, 96 kHz sampling rate
- Compatible with Windows and Mac
- USB cable and Shock Mount Holder Included
- Durable metal construction for long-lasting performance

Operating Suggestions

Adjusting the input level on a Windows computer:

1. Open the Start menu and click on 'Control Panel'
2. Open the 'Sound' preferences from within the Control Panel folder.
3. Open the 'Recording' tab and double click on '24 Bit USB MICROPHONE' from the list of devices
4. Adjust the input level using the slider

Specifications

Element: 16 mm Back electred capsule

Polar Pattern: Cardioid

Frequency Response: 30 – 18,000 Hz Sensitivity : -36dB ± 2 dB

Max SPL: 132 dB (at 1 kHz ≤1% THD)

S/N Ratio: 110dB

Bit rate: 24 bit

Sample Rate: 96 kHz

Controls: On/off switch; headphone volume control

Power Requirements: USB Power (5V DC)

Weight: 280 gr

Dimensions: 210.0 mm long, 72.0 mm

Output Connector: USB-type/XLR-type Headphone

Output Power: 130 mW @ >16 ohms

Headphone Jack: 3.5 mm TRS (stereo)

Accessories Included: 1 mt mini USB cable, Shock Mount Holder

System Requirements: Apple: MAC OS X; USB 1.0 or 2.0; 64 MB RAM (min)
Windows: Windows 7/8/10 ; USB 1.0 or 2.0; 64 MB RAM (min)

Product complies with CE regulations 

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Is a brand of

PROEL S.p.A.

(World Headquarters - Factory)

Via alla Ruenia 37/43

64027 Sant'Omero (Te) – Italy

Tel: +39 0861 81241

Fax: +39 0861 887862

www.eikon-audio.com

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