

X-MIC-USB

High-quality USB cardioid condenser Mic

Model No	X-MIC-USB
Type	Condenser
Polar	Cardioid
Capsule diameter	16 mm
Frequency response	20Hz - 20KHz
Sensitivity	-34dB +/- 2dB (Odb=1V/Pa@1KHZ)
Equivalent Noise Level	<12 dbA (A-weighted)
Output Impedance	680 ohms 65%
Sample Rate	32 kHz, 44.1 KHz, 48 kHz 16 bit
Power requirements	USB Power 5V
Output connector	USB Type
Weight	220g
Size	15*4.7cm



- Condenser microphone with USB output for digital recording
- High quality A/D and D/A converter with 16 bit, 44.1/48 kHz sampling rate for superb audio
- Smooth, extended frequency response ideally suited for podcasting, home studio recording, field recording and Class rooms.
- Compatible with Windows 7, Vista, XP, 2000 and Mac OS X

Features

Thank you for buying the X-Mic-USB Cardioid Condenser USB Microphone. Equipped with a USB output, this microphone is designed for digitally capturing music or any acoustic audio source using your favorite recording software. The X-Mic-USB offers studio-quality articulation and intelligibility perfect for home studio recording, field recording, podcasting, and voiceover use. The X-Mic-USB The microphone's cardioid pickup pattern delivers excellent off-axis rejection, while its A/D converter with a 16-bit, 44.1/48 kHz sampling rate ensures extremely articulate sound reproduction. D&I's state-of-the-art design and manufacturing techniques ensure that the microphone complies with the company's renowned consistency and reliability standards.

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Setting your software levels

Correct adjustment of microphone level is important for optimum performance. Ideally, the microphone level should be as high as possible without overloading the input of your computer. If you hear distortion, or if your recording program shows levels that are consistently overloaded (at peak levels), turn the microphone volume (or level) down, either through your control panel (or system preferences) settings, or through your recording software. If your recording program shows insufficient level, you can increase the microphone gain either from the control panel (or system preferences) settings or through your recording program.

No further microphone level adjustments should be needed, as long as the acoustic input does not change significantly.

Positioning your microphone

It is important to position the microphone directly in line (on axis) with the person speaking/ singing or instrument (or other sound source) to achieve the best frequency response of the microphone. For use in speaking/singing applications, the ideal placement for the microphone is directly in front of the person speaking/singing. The same placement is optimal when miking an instrument such as an acoustic guitar, drums or piano. Experiment with different mic placements to find the best sound for your particular setup.

Protecting your microphone

Avoid leaving your microphone in the open sun or in areas where temperatures exceed 110° F (43° C) for extended periods. Extremely high humidity should also be avoided.