

— PROFESSIONAL WIRED USB HEADSET / ENVIRONMENTAL NOISE CANCELLATION

CD-96 ENC USB

The CD-96 ENC USB Headset is a professional-grade wired headset designed for clear communication in office, call center, and remote work environments. Featuring AI Environmental Noise Cancellation (ENC) technology, it filters out background noise for crisp, clear audio during every call.

USB Plug-and-Play | AI Noise Cancellation | Dual Microphone | Windows / macOS / VoIP



CD-96M (MONAURAL)



CD-96B (BINAURAL)

01 OVERVIEW

The Cerdik CD-96 Series is available in two configurations — CD-96M (monaural) and CD-96B (binaural) — both featuring USB Plug-and-Play connectivity requiring no drivers. Built with a $\phi 38\text{mm}$ dynamic driver, protein leather $\phi 60\text{mm}$ ear cushions, and an adjustable headband, the CD-96 delivers long-wearing comfort alongside high-quality audio. Dual AI Environmental Noise-Cancellation microphones ensure your voice is always crystal clear, while convenient in-line controls for volume and mute keep productivity at its peak. Compatible with Windows, macOS, and all major VoIP systems.

02 WHY CHOOSE CD-96

WHY/01 AI Environmental Noise Cancellation

Dual AI ENC microphones actively filter ambient noise from your environment — delivering crystal-clear voice pickup regardless of background conditions.

WHY/02 USB Plug-and-Play Simplicity

No drivers, no software — simply plug in the USB-A connector (USB-C optional) and start communicating. Compatible with Windows, macOS, and all major VoIP platforms.

WHY/03 Acoustic Shock Protection (ASP)

Built-in ASP technology protects your hearing from sudden loud audio spikes — critical for call center agents who spend hours in headsets daily.

WHY/04 All-Day Comfort

Lightweight adjustable headband with $\phi 60\text{mm}$ protein leather ear cushions and cushioned pads designed for extended wear without fatigue.

WHY/05 In-Line Call Controls

Conveniently placed in-line controller with volume up/down, mute, and call answer/end buttons — keeping your hands free and your workflow uninterrupted.

03 KEY FEATURES

◆ USB-A plug-and-play (USB-C optional)	◆ Dual AI ENC microphones
◆ ϕ38mm dynamic driver, 32Ω resistance	◆ ϕ60mm protein leather ear cushions
◆ Frequency response: 50Hz – 20kHz	◆ Microphone sensitivity: -42 ±3dB
◆ Acoustic Shock Protection (ASP)	◆ In-line volume & mute controls
◆ Adjustable headband	◆ S/N Ratio: >62dB
◆ Polyurethane cable with tensile fiber	◆ Compatible: Windows, macOS, VoIP

04 TECHNICAL SPECIFICATION

MODEL & CONNECTIVITY		MDL
MODELS	CD-96M (Monaural), CD-96B (Binaural)	
CONNECTION	USB-A (USB-C optional)	
CABLE	Polyurethane with tensile fiber	
SETUP	Plug-and-Play — no drivers required	
COMPATIBLE	Windows, macOS, VoIP systems	
SPEAKER		SPK
DRIVE STYLE	Dynamic (Moving-coil)	
DIAMETER	ϕ38mm	
RESISTANCE	32 Ω +/-20%	
FREQ RESP	50Hz – 20kHz	
SENSITIVITY	107 ±3dB (at 1kHz, 1mW)	
MAX POWER	50mW	
DISTORTION	Less than 1%	
ASP	Acoustic Shock Protection	
MICROPHONE		MIC
TYPE	Dual AI Environmental Noise-Cancellation	
FREQ RANGE	100Hz – 10kHz	
SENSITIVITY	-42 ±3dB (0dB=1V/Pa, 1kHz)	
IMPEDANCE	2.2K ohm	
DISTORTION	Less than 1%	
CURRENT	Max 0.4mA	
S/N RATIO	More than 62dB	
PHYSICAL		PHY
MIC BOOM	Durable one-piece cast microphone boom	
EAR CUSHION	ϕ60mm Protein Leather	
WEIGHT CD-96M	138g	
WEIGHT CD-96B	178g	