



PeopleLink DSP-CM-Pro

Experience high quality audio communication with PeopleLink's voice collaboration DSP, convert your classrooms, training rooms, boardrooms with the ease of technology for conferencing.

Based on Phoenix terminal or USB connection, DSP-CM PRO supports 4 wired ceiling microphones, wireless handheld microphones/hanging microphones, local computer /MP3/tablet, active speakers, recording and playing hosts, and video conferencing hosts. Through a simple connection, remote voice interaction and local recording and playing can be realized, meeting the high-quality recording requirements of distance education and conferences.

The pickup radius of a single dome microphone can be up to 10m, and it supports 2 wired/wireless handheld microphones. Built-in interactive recording and playing function to simplify interaction and recording

One interactive host can meet interaction, recording and audio processing at the same time. In addition, DSP-CM PRO uses bare-wire Phoenix interface terminals and 6 balanced outputs. Adaptive algorithm; no need extra software, just install and use.

Key Features

- High-definition ceiling microphone Phantom power supply, single microphone pickup radius up to 10 meters.
- The third generation echo cancellation algorithm 24bit/48KHz sampling frequency High-performance A/D, D/A converter
- Adaptive echo cancellation, Adaptive noise suppression, Adaptive voice gain adjustment
- Smart mixing
- Support general education and conference software platforms, such as: InstaVC, UTP, etc.
- Support wireless microphone local amplification
- U-band full frequency wireless microphone

Specifications

Component	: Digital audio processor : DSP processing bus structure : B-type USB connection : 7-way 3.81mm Phoenix interface terminal : Support the connection of Wireless, microphone, mixer, Speaker, recording and monitoring : input and output single adjustment knob : suspended spherical microphone
Interface	: B-type USB interface : 3.5mm audio monitoring jack. : DC power interface : 7 way 3.81mm Phoenix interface terminal
Power Supply	: Input: 100-240V, 0.5A, 50/60Hz : Output: DC 12V, 2A : Phantom Power +48VDC
System Compatibility	: Windows 8 /Windows 7 /Windows 10 /Windows XP, others

Audio features

Audio Processor

frequency response	: (20hz-20khz @+4dBu)
microphone channel	: +0/ -2db.
line input channel	: +0/-0.5dB.

THD+N

Microphone channel	: <0.009%
Line input channel	: <0.007%
Equivalent noise	: <-84dBu
Dynamic range	: > 105dB
line input channel	: +0/-0.5dB

input resistance

Microphone channel	: 330Ω
Line input channel	: 20kΩ
Output impedance	: 400Ω
A/D-D/A converter	: 24bit

Maximum input level

Microphone channel	-2dBu
Line input channel	20dBu

Maximum output level

Balanced	20dB
Line input channel	20dBu

Audio features	: adaptive echo cancellation.
	: adaptive noise suppression.
	: Adaptive gain adjustment Smart Mixing

Microphone Electronic Balance

Directivity	: unidirectional super cardioid
Frequency response	: 50Hz-20KHz
Sensitivity	: -47±3dB (Drain test 1.5V 2.2KΩ)
Signal to Noise Ratio	: 75dB
Maximum sound pressure level	: 115dB
Maximum output level	: 1.6dBV (1.2V)
Output Connector	: Mini XLR-3 male type
Cable	: Twisted pair shielded MIC cable
Pick up radius	: 10m Max.

Temperature

Temperature	: 20°~70°
Humidity	: 20~90% condensation free
Noise level	: <48dB
Storage temperature	: 20°~70°

Packing List

Audio processor*1, ceiling-mounted microphone*4, power adapter*1, lotus to phoenix terminal*1, type B USB cable*1, 3.5 male to phoenix terminal*1, 3.5 female to phoenix terminal*1, Manual*1

Ordering Information

Part codes

PeopleLink DSP-CM-Pro : PCU-DSP-CM-PRO

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