

SOUNDVISION™

PROFESSIONAL DIGITAL AUDIO PROCESSOR



WWW.SOUNDVISIONPRO.COM



DMC-8800N

PROFESSIONAL DIGITAL AUDIO PROCESSOR



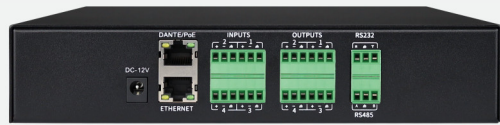
- ADI SHARC 21489 processor
- Analog input Channels : 8 | Analog output Channels : 8
- 8 balanced microphone or line level inputs on Terminal Block connectors.
- 8 balanced line level outputs on Terminal Block connectors.
- Audio interfaces on RJ-45 connectors.
- Built-in 2-in 2-out USB soundcard support Web video conference for recording and music playback.
- Supports Apple iOS and MS Windows operating systems.
- Supports adaptive echo cancellation (AEC), adaptive feedback control (AFC), automatic gain control (AGC), automatic mixer control (AMC), automatic noise suppression (ANS)
- Up to 16 settings can be preset providing 5 options parametric, Low-shelf, High-shelf, Low-pass, High-pass.
- Definable GUI (Graphical User Interface) for managing and configuring multiple units.
- Each input supports 8 band parametric equalizer (PEQ), signal generator, compressor, expander, ducker, and 48V phantom power.
- Each output supports 12 band graphic equalizer (GEQ), audio crossover, delay, limiter.

SPECIFICATIONS

Audio	
ADSP	ADI SHARC 21489
Audio Format	24 bits, 48 kHz sampling rates
System Latency	< 3 ms
Analog I/O Channels	8×8
Analog Input Gain	0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48 dB
Analog Input Level	+24 dBu
Analog Output Level	+24 dBu
Frequency Response	±0.2 dB (20 Hz to 20 kHz)
THD+N	< 0.003% (1 kHz, +4 dBu)
Common Mode Rejection Ratio	80 dB (60 Hz)
SNR	110 dB
Analog Dynamic Range	113dB
Input Dynamic Range	110 dB
Output Dynamic Range	120 dB
Analog Background Noise	-89 dBu (A-weighted)
Channel Isolation	108 dB (@1 kHz)
Input Impedance	94k Ω (Balanced)
Output Impedance	102 Ω (Balanced)
Phantom Power	48V/10mA max
Interface	
Input Port	8 Analog Audio (Terminal Block)
Output Port	8 Analog Audio (Terminal Block)
Ethernet Port	1 LAN (RJ-45)
Serial Port	1 RS-232 (Terminal Block) 1 RS-485 (Terminal Block)
GP I/O Port	8 GPI/O (Terminal Block)
USB Port	1 USB Audio (Type-A)
General	
Power voltage	AC 110V ~ 240V : 50Hz/60Hz
Power consumption (IEC)	25 W
Operating Temperature	0 to +40 °C
Humidity	10% to 90% RH (non-condensing)
Dimensions (WxDxH)	445×241×130 mm
Weight	3 kg

DMC-4400N

PROFESSIONAL DIGITAL AUDIO PROCESSOR



- ADI SHARC 21489 processor
- Analog input Channels : 4 | Analog output Channels : 4
- 4 balanced microphone or line level inputs on Terminal Block connectors
- 4 balanced line level outputs on Terminal Block connectors
- Audio interfaces on RJ-45 connectors.
- Built-in 2-in 2-out USB soundcard support Web video conference for recording and music playback.
- Supports Apple iOS and MS Windows operating systems
- Supports adaptive echo cancellation (AEC), adaptive feedback control (AFC), automatic gain control (AGC), automatic mixer control (AMC), automatic noise suppression (ANS)
- Up to 8 settings can be preset providing 5 options parametric, Low-shelf, High-shelf, Low-pass, High-pass.
- Definable GUI (Graphical User Interface) for managing and configuring multiple units
- Each input supports 8 band parametric equalizer (PEQ), signal generator, compressor, expander and 48 V phantom power
- Each output supports 8 band graphic equalizer (GEQ), audio crossover, delay, limiter

SPECIFICATIONS

Audio	
ADSP	ADI SHARC 21489@450 MHz SIMD.
Audio Format	24 bits, 48 kHz sampling rates
System Latency	< 3 ms
Analog I/O Channels	4x4
Analog Input Gain	0, 6, 12, 18, 24, 30, 36, 42, 48 dB
Analog Input Level	+18 dBu
Analog Output Level	+18 dBu
Frequency Response	±0.5dB (20 Hz to 20 kHz)
THD+N	< -100dB @ 4dBu
Common Mode Rejection Ration	103 dB @ 60Hz
SNR	110 dB
Analog Dynamic Range	110 dB
Input Dynamic Range	110 dB
Output Dynamic Range	120 dB
Analog Background Noise	-89 dBu (A-weighted)
Channel Isolation	108 dB (@1 kHz)
Interface	
Input Port	4 Analog Audio (Terminal Block)
Output Port	4 Analog Audio (Terminal Block)
Ethernet Port	1 LAN (RJ-45)
Serial Port	1 RS-232 (Terminal Block) 1 RS-485 (Terminal Block)
USB Port	1 USB Audio (Type-A)
General	
Power voltage	AC 220V ~ 240V : 50Hz/60Hz
Power Supply	DC 12V
Power consumption (IEC)	10 W
Operating Temperature	0 to +40 °C
Humidity	10% to 90% RH (non-condensing)
Dimensions (WxDxH)	215x162 x44 mm
Weight	1.5 kg

DRC 03N

AUDIO CONTROL PANEL WITH OLED DISPLAY



- 1.31" OLED display.
- Offers a customized user interface and 32 menus.
- Supports User Datagram Protocol (UDP)
- Powered by PoE (IEEE 802.3af)
- Performs basic or complex operations such as volume and mute control, preset selection, scenario combination, etc.
- 1 programmable OLED display.
- Mounting options include wall or table mount.
- Integrates easily with DynePro Dante Audio Processors.

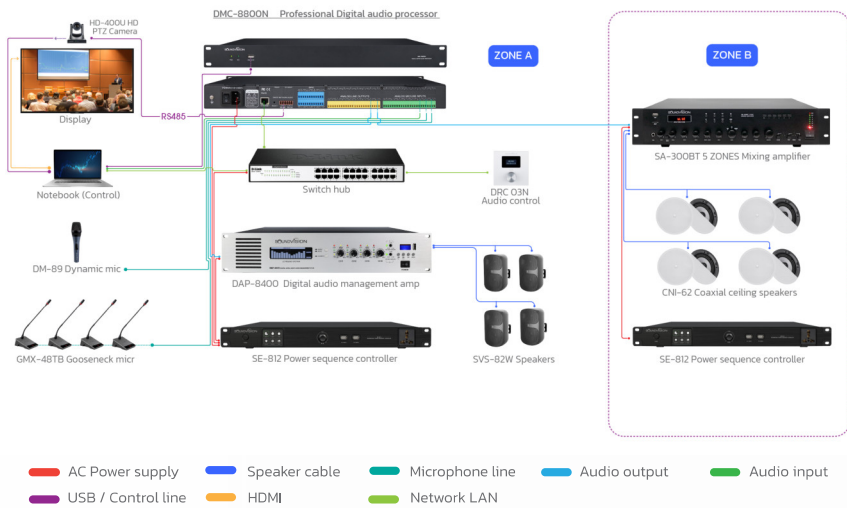


SPECIFICATIONS

Ethernet Port	1 LAN (RJ-45)
Power Consumption	< 100 mW
PoE Standard	IEEE 802.3af (PoE)
PoE Signaling	Powered Device (PD)
PoE Power	< 100 mW (peak power)
General	
Material	Metal
Color	White
Operating Temperature	0 to +40 °C
Humidity	10% to 90% RH (non-condensing)
Dimensions (WxDxH)	85x35x85 mm
Weight	300 g

EXAMPLE CONNECTION DIAGRAM

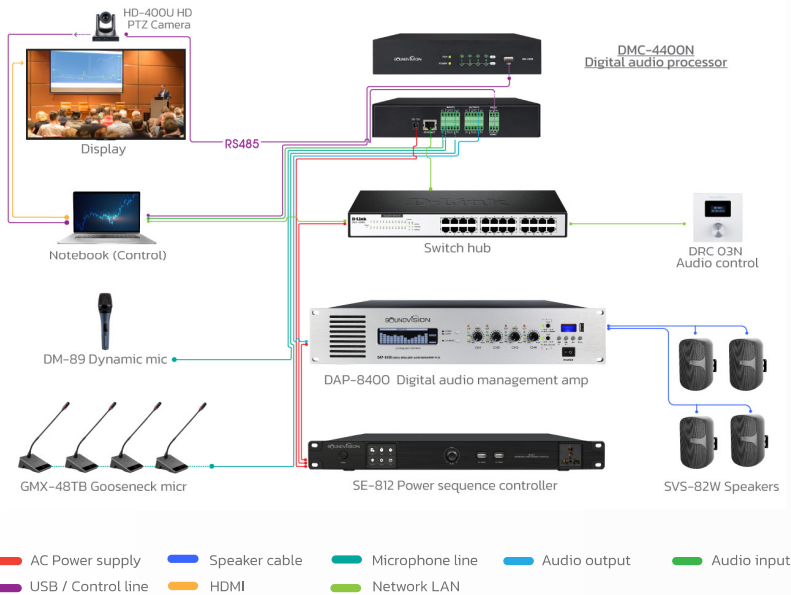
Solution 1: Training room (zone A,B..)



Solution 2: Training room / conference hall



Solution 3 Training room / conference room



SOUND VISION CO., LTD.



9 Chaiyaphruek Rd., Taling Chan, Taling Chan, Bangkok 10170 Thailand

Support : 02-433-9988

Email : info@soundvision.co.th

Line-at : @soundvision

www.soundvisionpro.com