

DMC-8800N PROFESSIONAL DIGITAL AUDIO PROCESSOR



FEATURE

- 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.

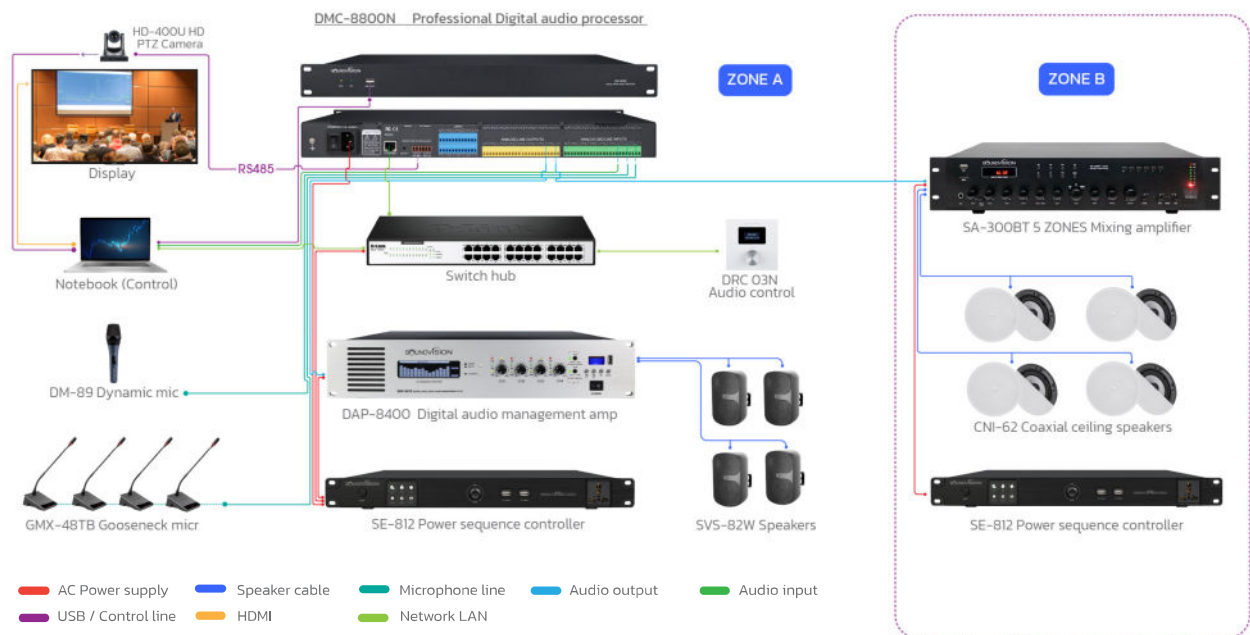
SPECIFICATIONS

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

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EXAMPLE CONNECTION DIAGRAM

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



Solution 2: Training room / conference hall

