



DESCRIPTION

DS-1212DAP is a powerful and versatile 12-in/12-out digital audio processor, designed to meet the demanding needs of professional audio installations. Built for precision and flexibility, it offers unmatched sound processing capabilities, making it the perfect solution for audio control in venues such as auditoriums, theaters, conference rooms, and houses of worship.

FEATURES

- **High-Quality Audio Processing:** Delivers pristine audio with ultra-low noise and high dynamic range.
- **Flexible Input/Output Configuration:** Supports 12 analog inputs and 12 analog outputs to accommodate a wide range of audio sources and destinations.
- **Advanced DSP Functions:** Includes features such as parametric EQ, crossovers, compressors, limiters, and delays for complete audio customization.
- **Network Control Capabilities:** Built-in Ethernet port for seamless remote control and configuration via software.
- **User-Friendly Interface:** Intuitive software interface for simplified setup and real-time monitoring.
- **Robust Build:** Industrial-grade components ensure long-lasting performance and reliability in demanding environments.
- **Real-Time Monitoring:** Comprehensive LED indicators for signal presence and status monitoring.
- **Customizable Presets:** Store and recall multiple user-defined presets for quick configuration.
- **Applications:** Suitable for live events, houses of worship, studios, theaters, and commercial audio installations.



SPECIFICATION

Input / Output Interfaces	12 Input x 12 Output
Preamplification	51dB (3dB per file, 17 files in total)
Phantom Power	48V
Frequency Response	20Hz ~ 20K Hz, ± 0.3 dB
THD + N	$\leq 0.005\%$ @1k, 4dBu
Digital-Analog Dynamic Range	114dB
Analog-Digital Dynamic Range	120dB
Input Impedance (Balanced)	20k Ω
Output Impedance (Balanced)	100 Ω
EIN (A-weighting)	≤ -125 dBu
Channel Isolation	100dB @1k Hz, 4dBu
Common Mode Rejection	70dB @80 Hz
Maximum Input Level	18dBu
Maximum Output Level	18dBu
Background Noise	-90dBu
System Delay	≤ 9 ms
Working Power	AC110V-220V, 50Hz/60Hz
Working Temperature	0-40°C
Chassis Size (WxDxH)	480x260x45(mm)

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CANNEX reserves the right to modify product specifications without prior notice