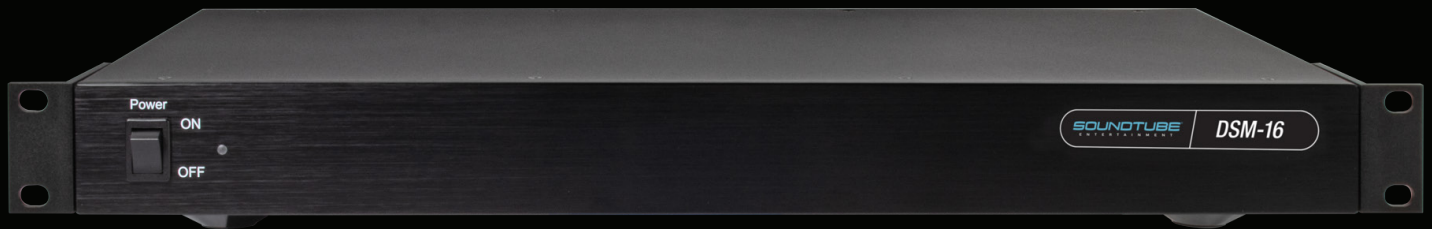


DSM-16

DANTE SYSTEM MANAGER



THE HEART OF A DANTE AUDIO SYSTEM

Full-featured 16x16 system controller designed to bridge the gap between conventional distributed audio systems and enterprise systems.

SOUNDTUBE[®]
E N T E R T A I N M E N T

Ingenious. *By Design.*[™]

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DSM-16

Dante System Manager



SoundTube's **DSM-16 Dante System Manager** is a full featured system manager for Dante end point-end point distributed audio systems. This versatile 16x16 DSP controller seamlessly integrates Dante technology with our IP-enabled PoE speakers, offering easy setup, remote management, monitoring, and compatibility with popular automation systems. With its web-based control, the DSM-16 brings flexibility and scalability to multiroom audio.

The DSM-16 offers unparalleled flexibility and connectivity, supporting up to 16 mono or 8 stereo zones, with the capability of higher channel counts for multi-channel audio or theaters.

Paired with SoundTube's IP-enabled PoE speakers, the DSM-16 becomes the center of a total Dante-enabled networked audio system.

The DSM-16's simplified setup, requiring no programmer, and its browser-based interface with three control levels make it exceptionally user-friendly and customizable.

- Streamline installations using just Category cable
- DSM-16 seamlessly integrates with a wide range of audio sources and destinations while delivering unparalleled 24-bit / 96kHz uncompressed high-quality audio throughout any space
- Comprehensive connectivity options, including 12 line-level inputs, 8 balanced inputs, 2 optical inputs, 2 coax inputs, 8 Dante inputs, 4 balanced outputs, 4 line-level outputs, and 16 Dante outputs
- Advanced control features, such as a third-party API, GPIO ports for Logic I/O, remote volume control, and 12V trigger inputs/outputs enable seamless integration with popular automation systems including Crestron, Control4, QSC, and many others
- PoE+ or AC wall-powered
- Compatible with over 500 manufacturers and 6000 Dante devices

DSM-16 PRODUCT SPECIFICATIONS

Description	16x16 DSP Matrix with Dante	12V Trigger Inputs	1
Sampling Rate	48 kHz / 96 kHz	12V Trigger Outputs	2
Frequency Response (A/D/A)	20 Hz – 20 kHz; ± 1.0 dB	GPIO Ports for Logic I/O and Remote Volume	4 hardwire with 3.81 mm connector
Dynamic Range (A/D/A)	104 dB	Control	
Channel Separation (A/D/A)	< -75 dB @ 1 kHz	Dedicated Dante & Control Port	1
THD + Noise	< 0.01%	Ethernet Port for Control & Config	1
Delay Memory	883ms max	Nominal Analog Input Level	2Vrms balanced, 1 Vrms unbalanced
Analog Control Inputs	0-3.3 VDC	Analog Input Maximum Level	4.5Vrms balanced, 2.5Vrms unbalanced
VCA Control	10k Ohm, Linear	Analog Input Impedance	20K Ohms
Logic Outputs	(0V) Active Low; (12V) Active High	Analog Input Dynamic Range	108 dB
Logic Output Max. External Power Supply Voltage	25V DC	Nominal Analog Output Level	2Vrms balanced, 1Vrms unbalanced
Logic Output Maximum Output Current	10 mA	Analog Output Level Maximum	4Vrms balanced, 2Vrms unbalanced
Maximum Stored Presets	N/A	Analog Output Impedance	100 Ohms balanced, 470 Ohms unbalanced
Line Level Inputs	12 Unbalanced RCA	Analog Output Dynamic Range	108 dB
Line Level Outputs	4 Unbalanced RCA	Width	17.25 in / 438.2 mm
Balanced Inputs	8 hardwire with 3.81 mm connector	Depth	9.25 in / 235.0 mm
Balanced Outputs	4 hardwire with 3.81 mm connector	Height	1.75 in / 44.5 mm (no feet) 2.0 in/50.8mm (with feet)
Optical Inputs	2	Weight	7.15 lbs / 3.2kg
Coax Inputs	2	Shipping Weight	9.65 lbs / 4.4 kg
Dante Inputs	8		
Dante Outputs	16		