

PoE Dante Speaker
Active and passive version available

Description:
DP DSP Speaker can realize its multifunction the PoE power supply, audio transmission and signal control via a RJ45 Ethernet port. It can obtain power supply from any Ethernet switch of 802.3 or above standard. DP DSP adopts SSA inverter technology allowing that the high-quality enlargement of superior sound quality realizes on this compact speaker of low power design. The system built with plastic body and 4pcs 3 inch high efficient Lavoce Neodymium driver.
Over-Dante™ Ethernet that transmits 24-bit audio (44.1K/48KHz) and its control signal can be routed through the Dante™ Controller. DP 180POE DSP integrates versatile functions like gain control, mute control, 5-band equalizer control and DSP with limit control. All these functions can perform remotely on the PC or Mac by DSP Controller Software.



Dante DP aluminum column.



Control software

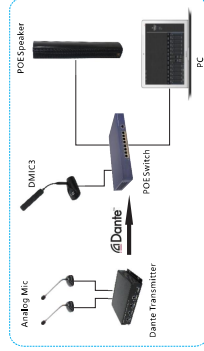


Built-in Italian LAVOCE ferrite magnet steel basket drivers

Features:

- Built-in Dante module
- Built-in power amplifier module and its system efficiency > 70%
- DSP Controller Software
- PoE power supply
- Over-current protection, Thermal protection and Overload protection

Example Diagram



PoE Dante Mic

Description:
DMIC Dante Microphone is a type of microphone with built-in Dante module supporting PoE power supply. It can be directly connected to the Dante network, providing you a refreshing experience with extremely low latency, high fidelity and low-cost solution for paging and announcement.

Features:

- Built-in Dante module
- 4 Levels of gain control (-30, -27, -24, -21 dB)
- PoE power supply
- Light touch power button



TECHNIQUE INDEX

Model	DMIC 3
Input	Cat 5 connector
Transmission	Dante Network
Wire range	Cat-5 or above
The Maximum Level	0dBu@+20dB Gain
Gain Control	-30, -27, -24, -21 dB
Balanced Input Impedance	2.2 K Ω
Frequency Response(20' 20KHz)	±0.2dB
Power Supply	PoE IEEE802.3af
Signal to Noise Ratio	65dB, 1kHz@1Pa
Power	2.3W

DMIC 3

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Dante DP aluminum column.



Control software

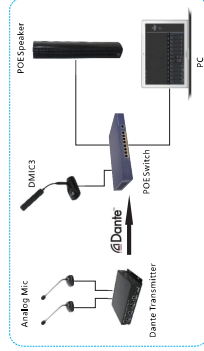


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TECHNIQUE INDEX

MODEL	120W POE DSP	180W POE DSP	180W	240POE DSP	240W
Type	Column speaker with DSP and Dante	Column speaker with DSP and Dante	Passive column speaker	Column speaker with DSP and Dante	Passive column speaker
Impedance	16Ω	16Ω	16Ω	16Ω	16Ω
Auto Power Signal	Dante™ Balanced amplified signal	Dante™ Balanced amplified signal	Dante™ Balanced amplified signal	Dante™ Balanced amplified signal	Phono/Unshielded
Cable	Cat5 or above	Cat5 or above	NA	Cat5 or above	NA
Output Power	120W@800m	120W@800m	180W@800m	100W@1000M bps	240W@800m
Frequency Range	110Hz~19KHz(±3dB)	110Hz~19KHz(±3dB)	110Hz~19KHz(±3dB)	100M@1000M bps	90Hz~19KHz(±3dB)
Sensitivity	85dB (1W/1m)	85dB (1W/1m)	95dB (1W/1m)	90dB~19KHz(±3dB)	97dB (1W/1m)
Total Harmonic Distortion	<0.30%	<0.30%	<0.30%	<0.30%	120dB(continuous)
Signal to Noise Ratio	>100dB	>100dB	>100dB	>100dB	NA
Noise Floor	<2500μV	<2500μV	<2500μV	<2500μV	NA
Driver	4" 3" Full range speaker	4" 3" Full range speaker	4" 3" Full range speaker	>10%	8" 3" Full range speaker
Protective Circuitry	Over-current protection, Thermal protection, Overload protection, Noise	Over-current protection, Thermal protection, Overload protection, Noise	Over-current protection, Thermal protection, Overload protection, Noise	Over-current protection, Thermal protection, Overload protection, Noise	Over-current protection, Thermal protection, Overload protection, Noise
Dimension	84.5x115.5x205mm	84.5x115.5x205mm	84.5x115.5x205mm	84.5x115.5x205mm	84.5x115.5x205mm
Net Weight	3.3kg	6kg	5.5kg	7.5kg	7.0kg