PoE Dante Speaker: DP 180POE DSP

Description

DP 180POE 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 180POE 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 6pcs 3 inch high efficient 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.

Features:

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

Ordering Code
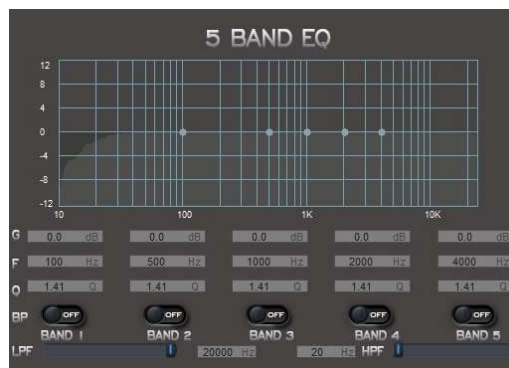
DP 180POE DSP: Column speaker with DSP and Dante

DP 180: Passive column speaker

Control software

Black as default and white color optional

Built-in Italian LAVOCE ferrite magnet steel basket drivers

MODEL	DP 180POE DSP	DP 180
Type	Column speaker with DSP and Dante	Passive column speaker
Input Interface	RJ-45	
Audio Input Signal	Dante™ ｜ Balanced amplified signal	
Cable	Cat-5 or above	
Output Power	180W@6ohm,POE boost up to 60W depends on router power	
Bandwidth	100M/1000M bps	
Frequency Range	110Hz—19KHz(±3dB)	
Sensitivity	95dB (1w/1m)	
Max. SPL	120dB(continuous)	
Total Harmonic Distortion	<0.30%	
Signal to Noise Ratio	>100dB	
Noise Floor	<200uV	
System Efficiency	>70%	
Driver	6*3″ Lavoce driver	
Protective Circuitry	Over-current protection, Thermal protection, Overload protection.	
Cooler	Natural convection cooling	
Dimension	(Height)605 x (Width)90 x (Depth)120mm	
Net Weight	3kg	

Example Diagram