



### Subwoofer speaker with DSP, POE power supply

#### Description

DP 90 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 90 DSP adopts SSA inverter technology allowing that the high-quality enlargement of superior sound quality realizes on this compact speaker of low power design.

Over Dante™ Ethernet that transmits 24-bit audio (44.1K/48KHz) and its control signal can be routed through the Dante™ Controller. DP 90 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 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



#### MODEL

#### DP 90 DSP

Type	Subwoofer speaker with DSP and Dante
Input Interface	RJ-45
Audio Input Signal	Dante™   Balanced amplified signal
Cable	Cat-5 or above
Output Power	90W, POE boost up to 60W depends on router power
Bandwidth	100M/1000M bps
Frequency Range	70Hz-18KHz(±3dB)
Driver	Lavoce Italy driver 6.5 inch coaxial
Sensitivity	91dB (1w/1m)
Max. SPL	117dB(continuous)
Total Harmonic Distortion	<0.30%
Signal to Noise Ratio	>100dB
Noise Floor	<200uV
System Efficiency	>70%
Protective Circuitry	Over-current protection, Thermal protection, Overload protection.
Cooler	Natural convection cooling
Dimension	(Height)305 x (Width)245 x (Depth)235mm
Package	(Height)369 x (Width)581 x (Depth)296mm
Net Weight	6kg