



The PLA15A Self Powered Full Range Speaker

The PLA15A loudspeaker provides high power output with low distortion, fullrange frequency response and optimizes sound pressure level over coverage area.

The PLA15A has many sound reinforcement applications, as a main front of house speaker in small to mid-sized venues, as a back or side and center fill speaker in larger systems.

As a single side, back or center cluster optimizes music or speech applications due to their tight, well defined directivity pattern.

When used as a main PA systems efficiently delivers high sound pressure level for the most demanding of source material.

When used with the PLA15SBA or PLA18SBA subwoofer cabinets, system deliver powerful, extended bandwidth reproduction with additional low frequency impact.

SPECIFICATIONS

Frequency Response	43Hz - 20KHz 38Hz - 20KHz(with PLA-15SBA) 30Hz - 20KHz(with PLA-18SBA)
Maximum Output(dB SPL @ 1M)	128dB
Components	
LF	15" Cone Driver (Eighteen Sound - 15MB650)
HF	1"Compression Driver (Eighteen Sound - HD1050) Horn (Eighteen Sound - XT1086)
Coverage	
Horizontal	80°
Vertical	60°
Rigging	Integral Flying Hardware and Pole Mouth Support
Connectors	
Signal Inputs	1 x XLR Female (Balanced)
Signal Loop	1 x XLR Male (Parallel To Input)
AC Power Input	1 x Powercon (Neutrik-NCA3MPA-1)
AC Power Output	1 x Powercon (Neutrik-NCA3MPB-1)
Input Impedance	20 kOhm
Input Sensitivity	4dBu (1.23V) For Full Out Power
Controls	
HPF Switch	80Hz (Active When Push)
Indicators	
Protect	1 x LED Yellow
Ready	1 x LED Green
Clip	1 x LED Red
HPF	1 x LED Green
Amplifier Design	Class H
Amplifier Output Power	500W (RMS)
Power Requirements	230VAC - 50Hz
Power Consumptions	
@ 1/8 Full Output Power	0,71A
Dimensions (H x W x D) mm	800 x 495 x 570
Weight	46 Kg.

