



## The PLA12A Self Powered Full Range Speaker

The PLA12A loudspeaker provides high power output with low distortion, fullrange frequency response and optimizes sound pressure level over coverage area.

The PLA12A 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

<b>Frequency Response</b>	50Hz - 20KHz 38Hz - 20KHz(with PLA-15SBA) 30Hz - 20KHz(with PLA-18SBA)
<b>Maximum Output(dB SPL @ 1M)</b>	126dB
<b>Components</b>	
LF	12" Cone Driver (Eighteen Sound - 12MB700)
HF	1"Compression Driver (Eighteen Sound - HD1050) Horn (Eighteen Sound - XT1086)
<b>Coverage</b>	
Horizontal	80°
Vertical	60°
<b>Rigging</b>	Integral Flying Hardware and Pole Mouth Support
<b>Connectors</b>	
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)
<b>Input Impedance</b>	20 kOhm
<b>Input Sensitivity</b>	4dBu (1.23V) For Full Out Power
<b>Controls</b>	
HPF Switch	80Hz (Active When Push)
<b>Indicators</b>	
Protect	1 x LED Yellow
Ready	1 x LED Green
Clip	1 x LED Red
HPF	1 x LED Green
<b>Amplifier Design</b>	Class H
<b>Amplifier Output Power</b>	500W (RMS)
<b>Power Requirements</b>	230VAC - 50Hz
<b>Power Consumptions</b>	
@ 1/8 Full Output Power	0,71A
<b>Dimensions (H x W x D) mm</b>	700 x 395 x 458
<b>Weight</b>	34 Kg.

