

## Product Description

COAX series

# COAX08, COAX12 & COAX15, Multi-Purpose, Passive Coaxial loudspeaker system

Initially designed for multi-purpose applications, the coaxial technology has demonstrated numerous advantages over classic two-way systems which typically suffer from interference around the crossover point, resulting in lobing, uneven frequency and power response.

By superimposing HF and LF acoustic centers, the coaxial design creates a virtual point source with significantly improved radiation characteristics. This is particularly valuable in distributed sound reinforcement applications where most listeners are located off the system axis. As the sound field of coaxial enclosures is stable over the entire frequency spectrum and in all directions, all listeners benefit from an even sonic performance within the enclosure beamwidth.

### Coaxial Technology

The particular benefits of coaxial technology are related to the radiation characteristics of a point source. The natural studio monitor sound quality and the typ-

ical of coaxial systems is adapted to proximity applications such as stage monitoring, front-fills, under-balcony fills and FOH live monitoring.

All coaxial systems are available as plug-and-play solutions.

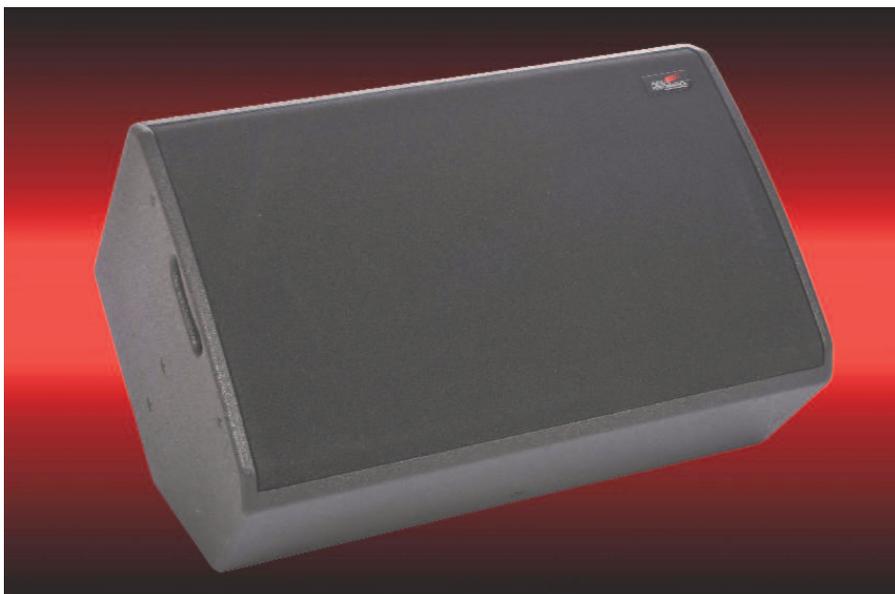
The COAX range delivers a complete sound reinforcement solution to fulfill the highest demands of audio professionals for both the fixed installation and rental production markets. The COAX series delivers ultimate sonic performance in a compact and multi-purpose package.

The COAX range has been designed for use with the AP2500 or AP5000 amplified controller. A wide variety of presets are available across the entire COAX range providing the sound designer with total creative freedom for any conceivable application in theatres, clubs, concert halls, broadcast and multipurpose facilities.

## IDEAL FOR

Front of house  
or  
Stage monitor system

Touring  
Concert halls  
Clubs  
Disctheques  
Theatres



## Special Features

Coaxial design

Point source

High efficiency

Low distortion

Processor controlled

Technical Data

**COAX08, COAX12 & COAX15, 2Way, Passive, loudspeaker system**

<b>ACOUSTICAL SPECIFICATIONS</b>	<b>COAX08</b>	<b>COAX12</b>	<b>COAX15</b>
Frequency response*	90Hz - 20KHz	60Hz - 16KHz	60Hz - 16KHz
Power AES (Low, High)	200W / 40W	350W / 75W	450W / 75W
Program Power (Low, High)	400W / 80W	700W / 150W	900W / 150W
Peak Power (Low, High)	800W / 160W	1400W / 300W	1800W / 300W
Sensitivity 1W@1m	95 dB	98 dB	100 dB
Maximum SPL peak	124 dB	129.5 dB	132.5 dB
Coverage	100° Conical	80° Conical	80° Conical
<b>TRANSDUCERS DESCRIPTION</b>			
	Coaxial	Coaxial	Coaxial
Low frequency cone driver	8 inch	12 inch	15 inch
HF compression driver output	1 inch	1,4 inch	1,4 inch
<b>ELECTRICAL DESCRIPTION</b>			
Crossover	2KHz	1KHz	1KHz
Impedance	8 ohms	8 ohms	8 ohms
Connectors	2x NEUTRIK NL4	2x NEUTRIK NL4	2x NEUTRIK NL4
<b>MECHANICAL DATA</b>			
Enclosure Material	15mm plywood	15mm plywood	15mm plywood
Finish	Black polyurethane coating	Black polyurethane coating	Black polyurethane coating
Dimensions (W x H x D)	300x260x260mm	698x360x363mm	698x460x405mm
Grill	Removable perforated steel	Removable perforated steel	Removable perforated steel
Weight	7,8Kg	24Kg	28Kg
Flying Hardware	Optional	Optional	Optional
35mm tube adaptor	Yes	Yes	Yes

**COAX08**



**COAX12**



**COAX15**

