

Premier Acoustic Product Datasheet



Model: COS Series Column Speakers

Description



IP rated to IEC529 IP66 and is made from extruded aluminium with an epoxy coated aluminium grille, together with stainless steel external hardware

Fitted with very high quality 3.5" driver units and 3.25" tweeter giving an efficient, dynamic response suitable for both speech & music reproduction.

The cabinets front to rear profile, along with individual unit heights, have been carefully designed to ensure optimum dispersion and throw characteristics essential for column speaker installations.

10, 20, 30 and 40 watt power and BS5839-8 voice alarm compliant options are available.

Specification

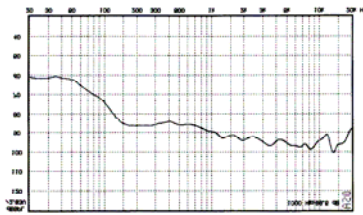
Model No:	COS-3100	COS-3200	COS-3300	COS-3400
Power Handling	10 watt	20 watt	30 watt	40 watt
Dispersion 1kHz/4kHz	Hor: 180 ⁰ /100 ⁰ Vert: 75 ⁰ /30 ⁰	Hor: 180 ⁰ /90 ⁰ Vert: 45 ⁰ /20 ⁰	Hor: 190 ⁰ /90 ⁰ Vert: 40 ⁰ /30 ⁰	Hor: 180 ⁰ /90 ⁰ Vert: 30 ⁰ /20 ⁰
Transformer tappings	10, 5, 2.5 & 1.25w	20, 10, 5 & 2.5w	30, 15, 7.5 & 3.75w	40, 20, 10 & 5w
SPL (1w/1m)	91dB	92dB	93dB	93dB
Max SPL (rated/1m)	101dB	105dB	108dB	109dB
Frequency response (- 10dB)	130Hz – 20Hz	120Hz – 20Hz	110Hz – 20Hz	110Hz – 20Hz
Dimensions (H x W x D)	395 x 114 x 96	585 x 114 x 96	770 x 114 x 96	960 x 114 x 96
Material	aluminium	aluminium	aluminium	aluminium
Weight (inc. packaging)	2.8kg	4kg	5.6kg	7.7kg
Colour	White (RAL9003)	White (RAL9003)	White (RAL9003)	White (RAL9003)

Premier Acoustic Product Datasheet

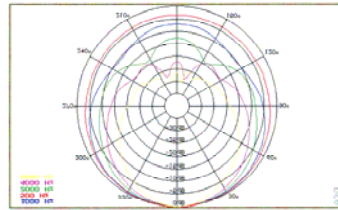


COS-3100 10w column speaker

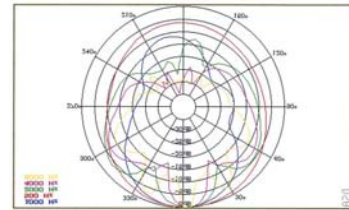
Frequency Response



Polar Plot (Horizontal)

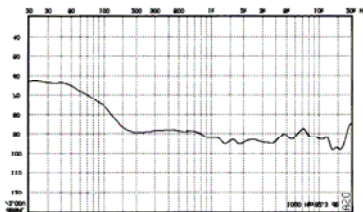


Polar Plot (Vertical)

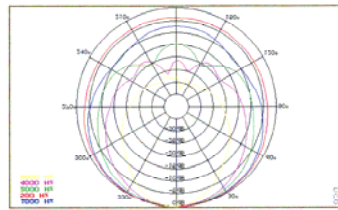


COS-3200 20w column speaker

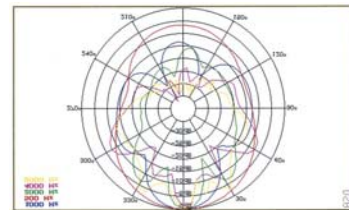
Frequency Response



Polar Plot (Horizontal)

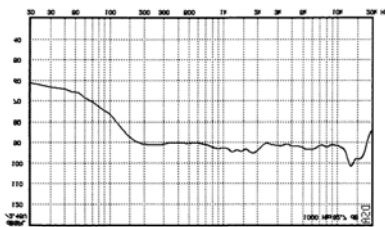


Polar Plot (Vertical)

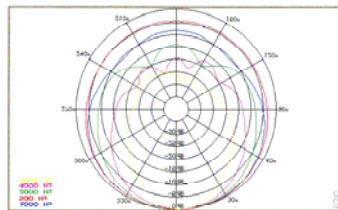


COS-3300 30w column speaker

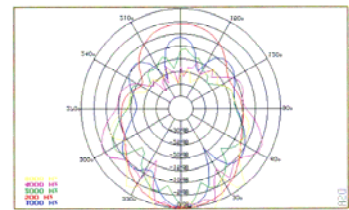
Frequency Response



Polar Plot (Horizontal)

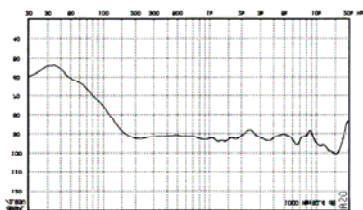


Polar Plot (Vertical)

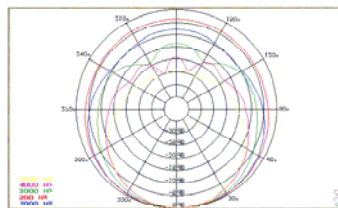


COS-3400 40w column speaker

Frequency Response



Polar Plot (Horizontal)



Polar Plot (Vertical)

