

Premier Acoustic Product Datasheet



Model: CLS Series Column Speakers

Description



'Contractor' series of column speakers constructed from galvanized steel

Fitted with high quality 3." driver units and 2" tweeters 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.

Mounting via U-bracket included

Fitted with 400Hz 'Low cut' switch for speech only applications

Specification

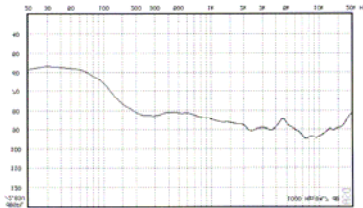
Model No:	CLS-3100	CLS-3200	CLS-3300	CLS-3400
Power Handling	10 watt	20 watt	30 watt	40 watt
Dispersion 1kHz/4kHz	Hor: 190 ⁰ /160 ⁰ Vert: 150 ⁰ /85 ⁰	Hor: 190 ⁰ /120 ⁰ Vert: 125 ⁰ /30 ⁰	Hor: 195 ⁰ /105 ⁰ Vert: 105 ⁰ /30 ⁰	Hor: 205 ⁰ /140 ⁰ Vert: 85 ⁰ /45 ⁰
Transformer tappings	10, 5, 2.5 & 1.25w	20, 10, 5 & 2.5w	30, 15, 7.5 & 3.75w	40, 20, 10 & 5w
SPL (1w/1m)	85dB	87dB	88dB	90dB
Max SPL (rated/1m)	95dB	100dB	103dB	106dB
Frequency response (- 10dB)	170Hz – 20Hz	150Hz – 20Hz	140Hz – 20Hz	140Hz – 20Hz
Dimensions (H x W x D)	222 x 94 x 95	304 x 94 x 95	387 x 94 x 95	469 x 94 x 95
Material	Galvanized steel	Galvanized steel	Galvanized steel	Galvanized steel
Weight (inc. packaging)	1.3kg	1.8kg	2.3kg	2.8kg
Colour	White (RAL9003)	White (RAL9003)	White (RAL9003)	White (RAL9003)

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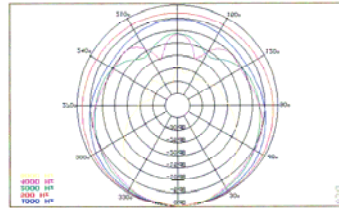


CLS-3100 10w column speaker

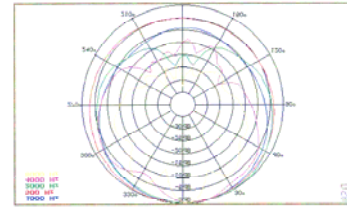
Frequency Response



Polar Plot (Horizontal)

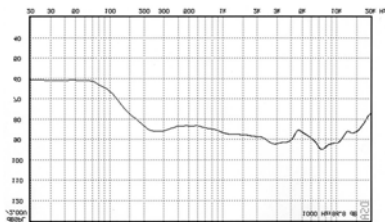


Polar Plot (Vertical)

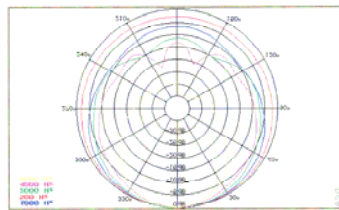


CLS-3200 20w column speaker

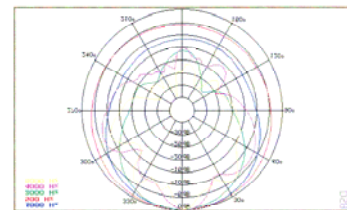
Frequency Response



Polar Plot (Horizontal)

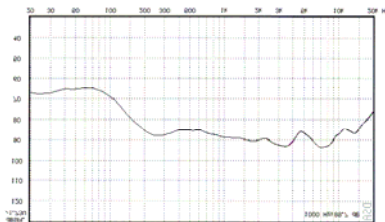


Polar Plot (Vertical)

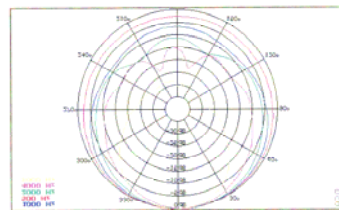


CLS-3300 30w column speaker

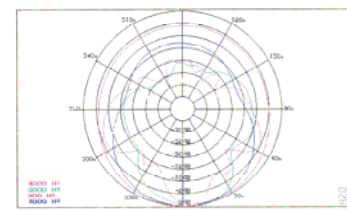
Frequency Response



Polar Plot (Horizontal)

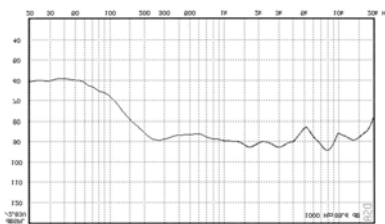


Polar Plot (Vertical)

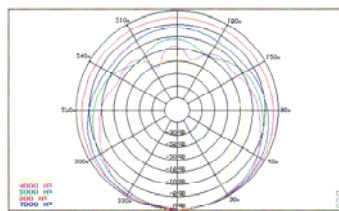


CLS-3400 40w column speaker

Frequency Response



Polar Plot (Horizontal)



Polar Plot (Vertical)

