

Digitally Steerable Column Speakers Ascolto® Series Comparison Table

Series FF

Model	Audio Power (Loudspeakers x Watt _{RMS})	Loudspeaker Model	Frequency Bandwidth ¹	Maximal SPL @ 1 m	Horizontal Coverage ²	Vertical Coverage ² (DSP adjustable)	Throw (Typical - Maximum)	Dimensions (Height x Width x Depth)
FF0870	8 x 70 W _{RMS}	Full Neodymium, Coaxial, 4.0" Woofer + 1.0" Dome Tweeter	80 Hz ÷ 20 kHz	125 dB	110°	20° ÷ 40°	20 m - 25 m	1174 x 122 x 120
FF1670	16 x 70 W _{RMS}			131 dB		10° ÷ 40°	25 m - 30 m	2014 x 122 x 120
FF2470	24 x 70 W _{RMS}			135 dB		8° ÷ 40°	30 m - 35 m	3044 x 122 x 120

Series AH

Model	Audio Power (Loudspeakers x Watt/channel)	Loudspeaker Model	Frequency Bandwidth ¹	Maximal SPL @ 1 m	Horizontal Coverage ²	Vertical Coverage ² (DSP adjustable)	Throw (Typical - Maximum)	Dimensions (Height x Width x Depth)
AH0835	8 x 35 W _{RMS}	Full Neodymium, Wideband 3.5" Woofer	80 Hz ÷ 20 kHz	119 dB	130°	26° ÷ 40°	15 m - 20 m	1050 x 120 x 121
AH1635	16 x 35 W _{RMS}			125 dB		16.9° ÷ 40°	20 m - 25 m	1776 x 120 x 121
AH2435	24 x 35 W _{RMS}			128 dB		12° ÷ 40°	25 m - 30 m	2482 x 120 x 121
AH3235	32 x 35 W _{RMS}			131 dB		9° ÷ 40°	30 m - 35 m	3197 x 120 x 121

Series LH

Model	Audio Power (Loudspeakers x Watt _{RMS})	Loudspeaker Model	Frequency Bandwidth ¹	Maximal SPL @ 1 m	Horizontal Coverage ²	Vertical Coverage ² (DSP adjustable)	Throw (Typical - Maximum)	Dimensions (Height x Width x Depth)
LH0825	8 x 25 W _{RMS}	Full Neodymium, Wideband 2.5" Woofer	120 Hz ÷ 20 kHz	118 dB	155°	30° ÷ 40°	10 m - 15 m	840 x 90 x 100
LH1625	16 x 25 W _{RMS}			124 dB		23° ÷ 40°	15 m - 20 m	1434 x 90 x 100
LH2425	24 x 25 W _{RMS}			127 dB		16° ÷ 40°	20 m - 25 m	1970 x 90 x 100
LH3225	32 x 25 W _{RMS}			130 dB		12° ÷ 40°	25 m - 30 m	2655 x 90 x 100
LH4025	40 x 25 W _{RMS}			132 dB		10° ÷ 40°	30 m - 35 m	3190 x 90 x 100

- 1 Frequency Bandwidth is measured on-axis within ±3 dB respect maximum.
- 2 Coverage Angle is measured averaging directivity patterns in the range 500 Hz ÷ 8 kHz and referring to angle between two points on either side of the principal axis where SPL is down 6 dB from its value at zero degree.
- 3 The calculated maximum sound pressure level (SPL) is determined using the maximum input power rating.

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