

8.1: VIGILON VOICE ALARM SYSTEM

Loudspeakers

GENT

by Honeywell



Spherical Pendant Loudspeaker & Column Loudspeakers

TECHNICAL SPECIFICATION				
	Spherical Pendant Loudspeaker	20W Column Loudspeaker	40W Column Loudspeaker	80W Column Loudspeaker
Rated power, Watts	20	20	40	80
Transformer tapplings 100 volt line, Watts	20/ 10/ 5/ 2.5	20/10/5/2.5	40/ 20/ 10/ 5	80/40/20/10
Transformer Impedance , Ohms	500/ 1k/ 2k/ 4k	500/1k/2k/4k	250/ 500/ 1k/ 2k	125/250/500/1k
70.7 volt line, Watts	10/ 5/ 2.5/ 1.25	10/ 5/ 2.5/ 1.25	20/10/5/2.5	40/20/10/5
Driver impedance, Ohms	8	8	8	4
Effective frequency range, Hz	80 - 18,000	170-17000	170-18000	180-18000
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10KHz	93	91	92	97
S.P.L. @ Full power, Octave Bandwidth, dB	107	104	108	115
Acoustic Power (dB – PWL@1 watt) 1 k/2kHz, dB	95/90	85/89	97/99	92/94
Dispersion at 1KHz/ 2KHz, Degrees	140/160(Vertical); 360/360(Horizontal)	180/140(Horizontal); 70/120(Vertical)	170/140(Horizontal); 60/55(Vertical)	180/140(Horizontal); 70/45(Vertical)
Directivity Q factor, 1KHz/2KHz	4.3/4.7	4.20/5.80	4.1/7.40	4.20/6.80
Dimensions, Diameter, mm	254	368 x 98 x 90	615 x 98 x 90	970 x 98 x 90
Approx. Weight, Kg	2.40	2.7	3.80	6
Colour / Finish	White	White RAL 9016	White RAL 9016	White RAL 9016
Material	ABS moulding with UV inhibitors	Aluminium	Aluminum	Aluminium
Mounting	Pendant hung	L Type Steel Bracket	L type Steel bracket	L type steel bracket
Ingress Protection			IP 55	

Spherical Pendant Loudspeaker

This modern styled spherical loudspeaker is a true omnidirectional device. It provides coverage angles of 360 degrees horizontally and 140~160 degrees vertically giving an even dispersion over the audio spectrum. The smooth frequency response, excellent dispersion and carefully controlled performance means that they are ideally suited for covering large open spaces such as warehouses, open plan retail complexes, concourses and factories, as well as being suitable for both speech and background music. The 13421-80-DC is supplied with a metal braided cable strong enough to carry ten times its own weight.

Metal Column Loudspeaker

The weather resistant metal column loudspeaker offers a combination of elegant styling, robust construction and high performance. The enclosure is tuned to give a wide frequency range not normally associated with column loudspeakers and as such produces high quality music and speech reproduction. Ideally suited for use in airports, churches, factories, sports and conference centres.

ORDER CODES

Spherical Pendant Loudspeaker 13421-80-DC

20W Metal Column Loudspeaker 13421-51-DC

40W Metal Column Loudspeaker 13421-52-DC

80W Metal Column Loudspeaker 13421-53-DC