



The use of ordinary PA loudspeakers in places with high ambient noise, such as basement car parks, open-air theme parks, or in rooms with heavy machinery, proves to be insufficient to cut through the severe acoustic conditions to convey the message effectively to the listener. The RH Series ABS paging horn loudspeakers provide an excellent solution for speech reproduction and sound distribution in such conditions. Constructed from high-impact ABS, the units are strong yet lightweight and resistant to harsh environmental outdoor conditions. They are dust and

water protected to IP65 (in accordance with IEC 529). The RH Series is ideal for both indoor and outdoor applications in harsh environments. Available in two different models, these models are transformerized for 100 V / 70 V line distributed loudspeaker systems and come with a swivel mounting bracket for easy positioning adjustment.

- Engineered for powerful, long-throw voice paging and emergency announcements across wide, open areas.
- Fully weatherproof to IP65, ready for permanent outdoor mounting and regular wash-down.
- RH 082, 100 V line taps: 20 W, 10 W, 5 W; 70 V line taps: 10 W, 5 W, 2.5 W.
- RH 113, 100 V line taps: 30 W, 15 W, 7.5 W; 70 V line taps: 15 W, 7.5 W, 3.8 W.
- Discreet moulded ABS enclosure finished in white resists moisture and impact while sitting light and unobtrusive in the ceiling or on the wall.
- RH 082, Ø220 × 160 mm, 1.48 kg.
- RH 113, Ø285 × 205 mm, 1.86 kg.
- Ideal for car parks, loading docks, stadiums, industrial yards and transport hubs.



RH 082

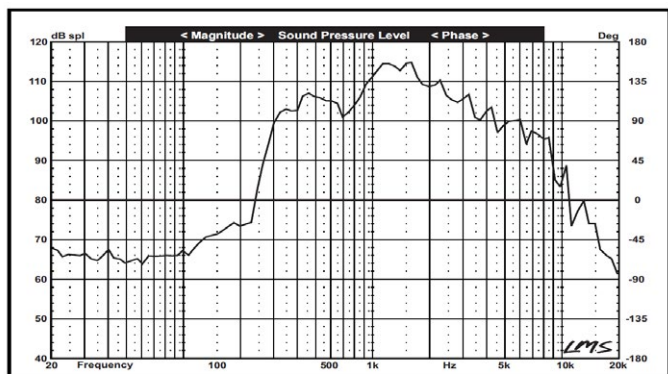
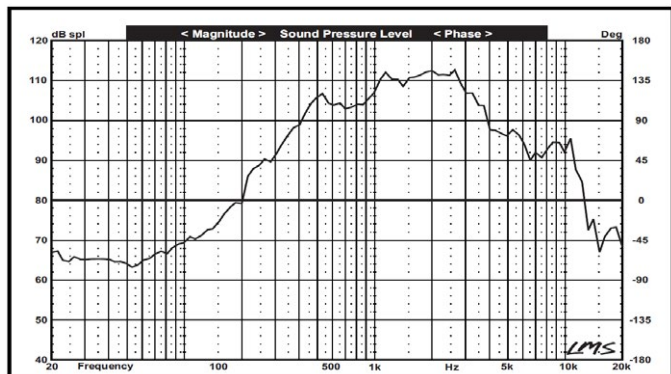


RH 113

Technical Specification

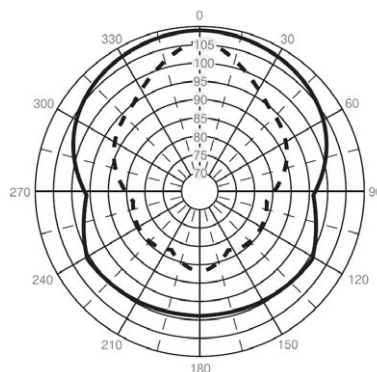
	RH 082	RH 113
Rated Input	100 V : 20W (20W - 10W - 5W) 70 V : 10W (10W - 5W - 2.5W)	100 V : 30W (30W - 15W - 7.5W) 70 V : 15W (15W - 7.5W - 3.8W)
Rated Impedance	0.5kΩ, 1.0kΩ, 2.0kΩ	0.3kΩ, 0.7kΩ, 1.3kΩ
Maximum Power	30 W	45 W
Frequency Response	200Hz – 12.5kHz	200Hz – 10kHz
Sensitivity 1W @ 1m	113/125 dB	115/130 dB
Coverage Angle (1kHz, -6dB)	165°	160°
Safety	Acc. to EN 60065	Acc. to EN 60065
Operating Temperature	-25 °C to 55 °C	-25 °C to 55 °C
Dust & Water Protection	IP65 (acc. to IEC 529)	IP65 (acc. to IEC 529)
Material & Finish	Horn flare: ABS, white Reflector horn: ABS, white Bracket: Aluminium, white Screw/Bolt: Stainless steel	Horn flare: ABS, white Reflector horn: ABS, white Bracket: Aluminium, white Screw/Bolt: Stainless steel
Dimensions	Dia. 220 x 160mm	Dia. 285 x 205mm
Weight	1.48 kg	1.86 kg

Frequency Response

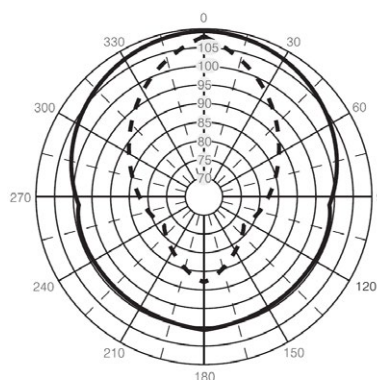


* at 1W / 1m

SPL Polar Plot



RH 082



RH 113

— 1 kHz
 - - - - - 4 kHz