



When high ambient noise conditions—such as basement car parks, open-air theme parks, or industrial facilities—render ordinary PA loudspeakers inadequate, the RH 082(EN) Fire Rated Paging Loudspeaker provides a reliable solution. Constructed from high-impact ABS and protected against dust and water to IP65 standards, it ensures long-lasting performance in both indoor and outdoor environments. Certified under EN 54-24:2008, the RH 082(EN) incorporates essential safety components including a ceramic connector, thermistor, and capacitor,

ensuring dependable operation within emergency voice alarm systems. Equipped with an integral 100V/70V line transformer and a swivel mounting bracket, it allows for easy installation, optimal sound dispersion, and effective speech intelligibility in even the most challenging acoustic settings.

- Engineered for powerful, long-throw voice paging and emergency announcements across wide, open areas.
- Certified to EN 54-24 for voice-alarm and life-safety announcement systems.
- Fully weatherproof to IP65, ready for permanent outdoor mounting and regular wash-down.
- RH 082(EN), 100 V line taps: 20 W, 10 W, 5 W; 70 V line taps: 10 W, 5 W, 2.5 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(EN), Ø220 × 160 mm, 1.48 kg.
- Ideal for car parks, loading docks, stadiums, industrial yards and transport hubs.



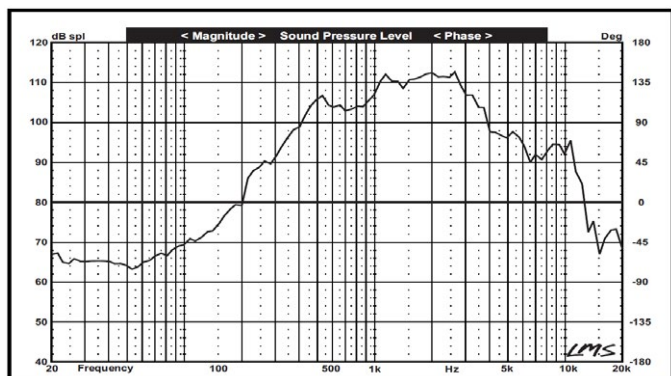
RH 082(EN)



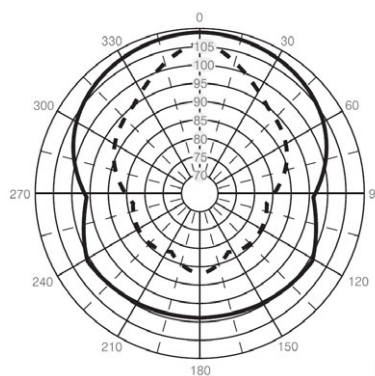
Technical Specification

	RH 082(EN)
Rated Input	100 V : 20W (20W - 10W - 5W) 70 V : 10W (10W - 5W - 2.5W)
Rated Impedance	0.5kΩ, 1.0kΩ, 2.0kΩ
Maximum Power	30 W
Frequency Response	200Hz – 12.5kHz
Sensitivity 1W @ 1m	113/125 dB
Coverage Angle (1kHz, -6dB)	165°
Safety	Acc. to EN 60065
Operating Temperature	-25 °C to 55 °C
Certified	EN 54:24:2008
Dust & Water Protection	IP65 (acc. to IEC 529)
Material & Finish	Horn flare: ABS, white Reflector horn: ABS, white Bracket: Aluminium, white Screw/Bolt: Stainless steel
Dimensions	Dia. 220 x 160mm
Weight	1.48 kg

Frequency Response



SPL Polar Plot



RH 082(EN)