When high ambient noise conditions—such as basement carparks, 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.

- Compact paging horn loudspeaker, excellent for speech intelligibility and capable of producing high sound pressure levels, suitable for places with high ambient noise and long throw applications.
- Corrosion-free high impact ABS material and robust construction which is dust and water protected to IP65, comes equipped with a swivel mounting bracket and a 100 V / 70 V line matching transformer.
- Easy selectable power tappings via a multi-core cable.
- Frequency response of unit designed to emphasise on the vocal range for optimum speech intelligibility.

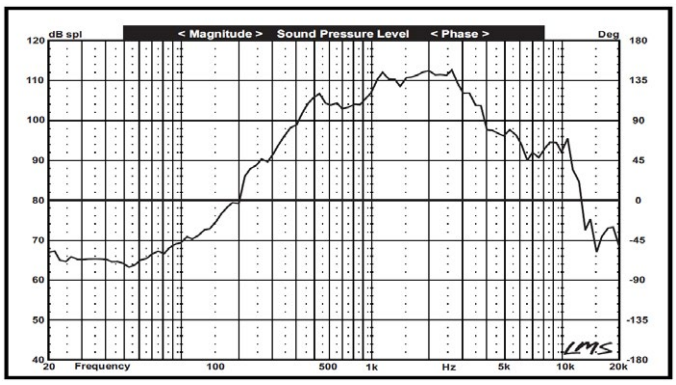
RH 082(EN)

EN 54-24:2008
CERTIFIED

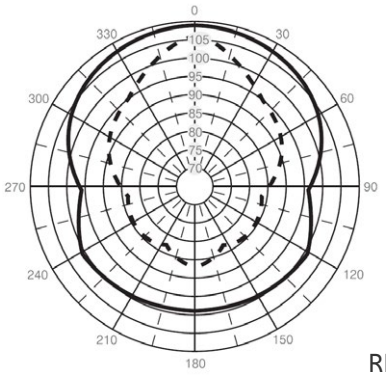
Technical Specification

	RH 082(EN)
Rated Input	100 V : 20 W (20 - 10 - 5 W) 70 V : 10 W (10 - 5 - 2.5 W)
Rated Impedance	500 Ω (500 - 1k - 2k Ω)
Maximum Power	30 W
Frequency Response	250 Hz - 12.5 kHz
Sensitivity 1W @ 1m	113/125 dB
Coverage Angle (1kHz, -6dB)	165°
Safety	Acc. to EN 60065
Operating Temperature	-25 ºC to 55 ºC
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



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