LOUDSPEAKERS

Horn speaker, special for tunnels

AET-100

100 W | **133 dB** | **IP65**

Weather-proof horn speaker for voice alarm applications. It has been developed for areas with extreme high ambient noise and is suitable for indoor and outdoor application, especially tunnels. It is built to withstand corrosive atmospheric contaminants, high moisture levels and temperature extremes. The horn provides a very high sound pressure level, a very balanced frequency response and a very low distortion.

Made of flame retardant plastic (UL 94 V-0) in black, it has IP 65 protection and is equipped with a ceramic block and a thermal fuse. The 100W speaker driver is of high quality and high performance. In addition, robust 2 x PG13.5 cable glands are provided. Sturdy installation by rust-free V4A stainless steel brackets and screws (1.4401 according to ISO 3506 / EN 10088-3; AISI 316), with the **AET-100WH** accessory consisting of 4 individual mounting brackets, or the **AET-100PH** accessory, in one piece.

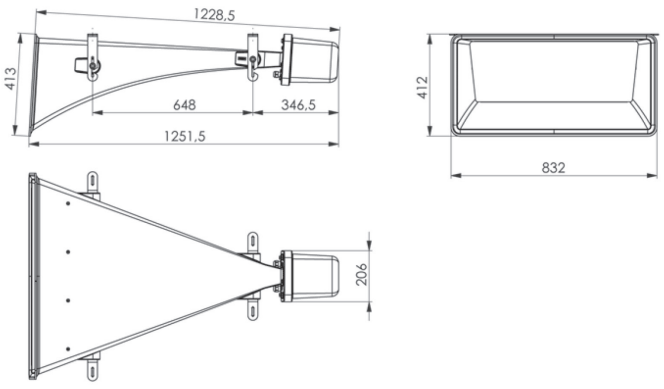
ceiling mount with AET-100WH

ceiling mount with AET-100PH

Technical specifications

Rated Power (RMS) 100 V	100 W, 50 W & 25 W
Impedance	100 Ω, 200 Ω & 400 Ω
Sensitivity	113 dB SPL at 1 W IEC268-5
Sound Pressure	133 dB SPL at 100 W IEC268-5
Sensitivity EN54-24	101 dB SPL at 1 W / 4 m
Frequency Response	250 ~ 10,000 Hz
Dispersion 1kHz / 4kHz	35º H, 25º V / 54º H, 15º V
Temperature range	-25ºC ~ +70ºC
Protection degree	IP65
Dimensions (mm) & weight	1228 x 832 x 413. 16 kg
Finish	Plastic (UL 94 V-0), black colour
Power selection	Terminals (4-pin)
Standard	EN54
Other	Thermal fuse ans ceramic terminals
Mounting accessories (not included)	AET-100WH (standar bracket, 4 pieces) AET-100PH (premium bracket, 1 piece)

Dimensions



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