



# HS212

Full range horn speaker 12"

## Highlights:

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- IP65 Ingress protection
- 12" high output woofer with a 1.8" voice coil
- Multi-Layer glass composite material with textured EPDM black coating
- Barrier terminal block in waterproof connection box

## Product information:

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The AUDAC HS212 is a full-range loudspeaker system engineered to provide long throw, full range sound projection in a variety of fixed in- and outdoor applications. Its wide, smooth frequency response and high efficiency ensure high-fidelity music reproduction along with superb projection of clear, intelligible speech at very low distortion. The HS212 features a 1,8" HF driver with an 12" LF loudspeaker combination for the best sound reproduction and has a very special coverage pattern of 40° horizontally and vertically. The construction of the HS212 is made of polyester with textured EDPM black coating and a perforated aluminum grill front finish. Behind the aluminum grill, there is an acoustic foam assembled, which prevents rain coming into the speaker. Due to an Ingress Protection rating (IP) of 54, this speaker will be suitable for any environment where humidity or moisture are present. For connecting, two speaker connectors are provided. The second connector can be used for linking through the signal to other speaker cabinets. Mounting brackets: - MBK212Z (Stainless Steel)

## Applications:

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- Museums & Themeparks
- Corporate
- Sporting facilities
- Events



## Certification:

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IP54

## Properties:

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## Impedance:

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8 Ohm

## System specifications:

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Speaker type		2-way horn speaker
Peak power handling		1400 W
Program power handling		700 W
RMS/AES power handling		350 W
Inputs	Connector	-pin Euro Terminal block (Balanced)
Impedance		8 $\Omega$
Sensitivity (1W/1m)		95 dB
Sound Pressure (Max. W/1m)		125 dB
Frequency	Response ( $\pm$ 3 dB)	80 Hz - 18 kHz
	Range (-10 dB)	65 Hz - 20 kHz
Crossover	Frequency	1.5 kHz
	Type	Passive built-in
Dispersion	Horizontal	40°
	Vertical	40°
Ingress Protection rating		IP54
Connection		2 x heavy-duty SpeakON NLT4MPBAG (linkthrough)
Drivers	HF	1.8" Neodymium compression driver
	MF	12"

## Product Features:

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Dimensions		508 x 508 x 732 mm (W x H x D)
Weight		30.800 kg
Construction		Multi-Layer glass composite material with textured EPDM black coating
Front finish		Powder coated aluminium with lining
Mounting & handling		Mounting bracket fixing holes
Accessories	Optional	MBK212Z Wall mounting bracket MBK212MK2 Mounting bracket

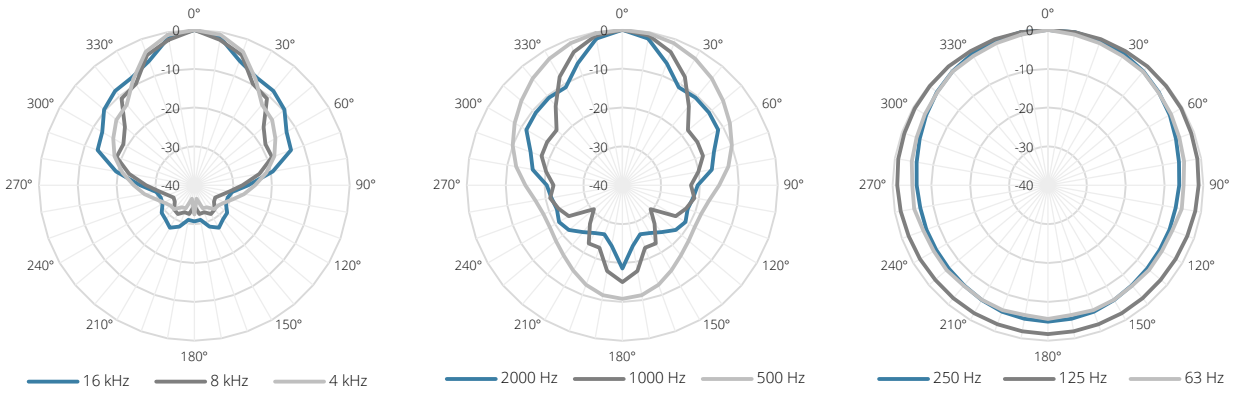
## Variants:

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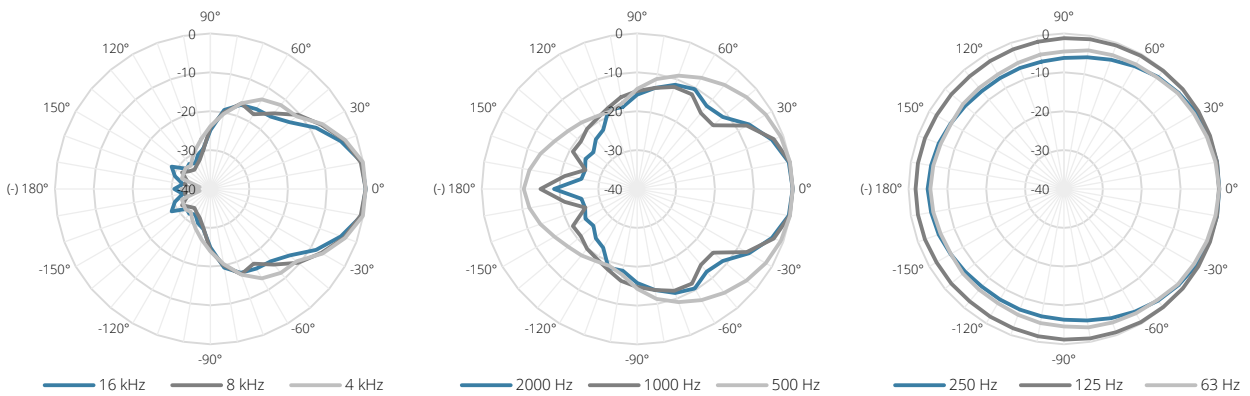
- HS212MK2 - Full range horn speaker 12"

# Acoustical data graphs:

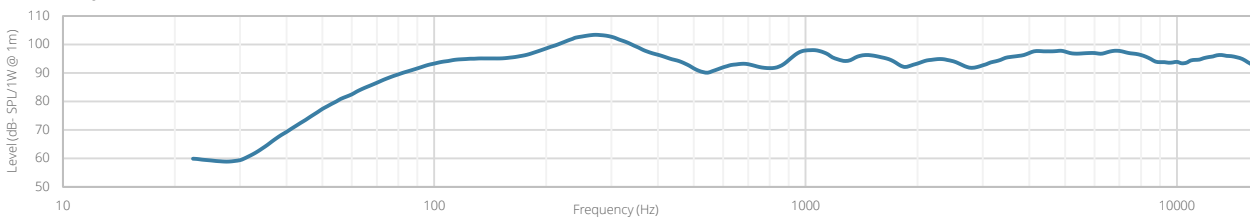
## Horizontal Polars:



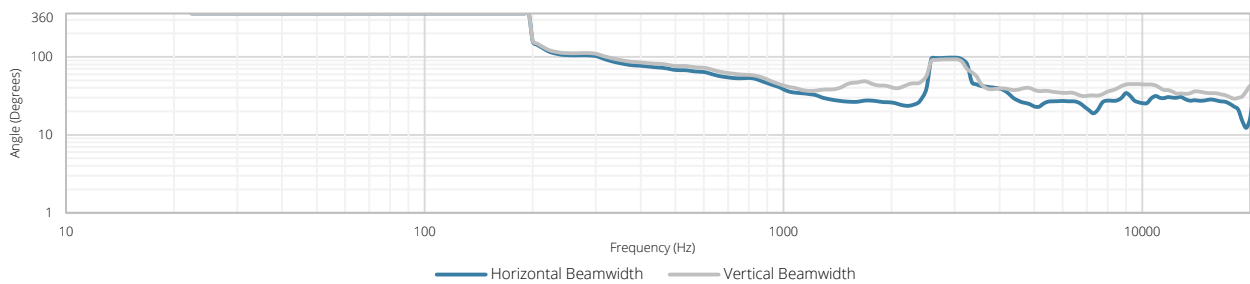
## Vertical Polars:



## Sensitivity:



## Beamwidth (-3dB):



## Directivity index:

