



# HS121

## Outdoor sound projector 100V

The HS121 is a full range sound projector based on a 4" driver especially designed to provide quality sound with a long throw range in a wide variation of in- and outdoor applications. Its wide, smooth frequency response and high efficiency ensure high-fidelity music reproduction along with superb projection of clear and intelligible speech at very low distortion. It delivers a power of 20 Watt RMS in standard 8 Ohm systems with a maximum power of 40 Watt but it can also be used in 100V PA systems. The 100V line transformer has power taps for 20 Watt, 10 Watt and 5 Watt which can be selected by the special designed 5-pin waterproof connector. This connector allows selecting the desired power tapping depending on the angle of rotation of the connector. The housing is made of the strongest ABS material in a light-grey colour, ensuring a smooth blend of the loudspeaker in all different kinds of environments. The IP rating of IP65 makes it suitable for indoor as well as outdoor use. For safety reasons, the speaker is provided with an internal steel safety cable, which prevents the speaker from falling, even in situations where the housing of the speaker has been damaged or broken.



### Applications:

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- Retail
- Corporate spaces

### Certification:

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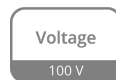
### Impedance:

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### Voltage:

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## System specifications:

Max. Power		40 W
RMS Power		20 W
Line Transformer Tappings	1	20 W / 500 $\Omega$
	2	10 W / 1000 $\Omega$
	3	5 W / 2000 $\Omega$
Impedance		8 $\Omega$
Sensitivity (1W/1m)		96 dB
Sound Pressure (Max. W/1m)		109 dB
Frequency	Response ( $\pm$ 3 dB)	180 Hz - 13 kHz
	Range (-10 dB)	150 Hz - 15 kHz
Dispersion	Horizontal	60°
	Vertical	80°
Connectors		Waterproof AWX-5 connector
Drivers		4" Full Range

## Product Features:

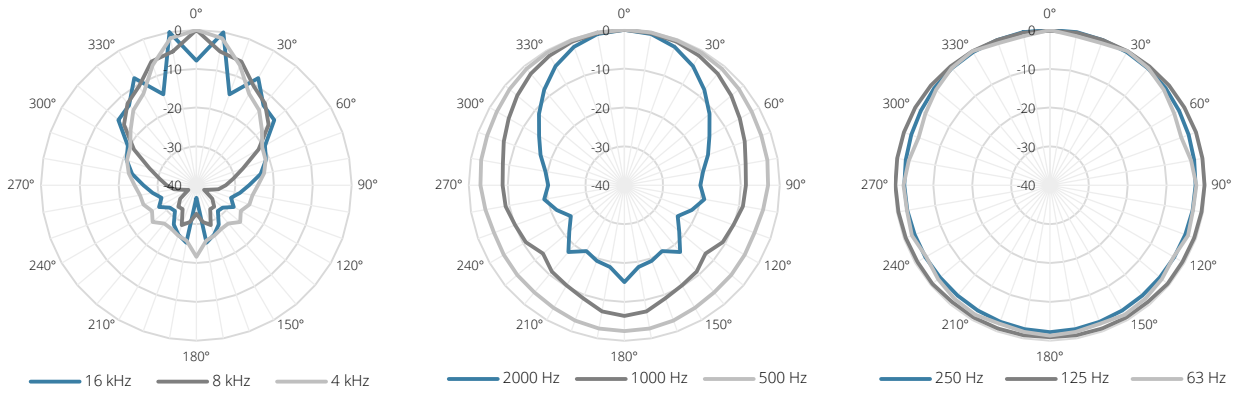
Dimensions		220 x 160 x 250 mm (W x H x D)
Weight		2 kg
Operating temperature		-10 °C ~ 50 °C
Construction		Fire retardant ABS
Front finish		Aluminium grill
Mounting & handling		Aluminium U bracket
Colours		Grey (RAL 7035)
Accessories	Included	Mounting bracket
		5-pin AWX5 connection cable
	Optional	AWC07 - AWX5 cable 0.7 m
		AWC25 - AWX25 cable 2.5 m
		AWC50 - AWX50 cable 5 m

## Shipping & Ordering:

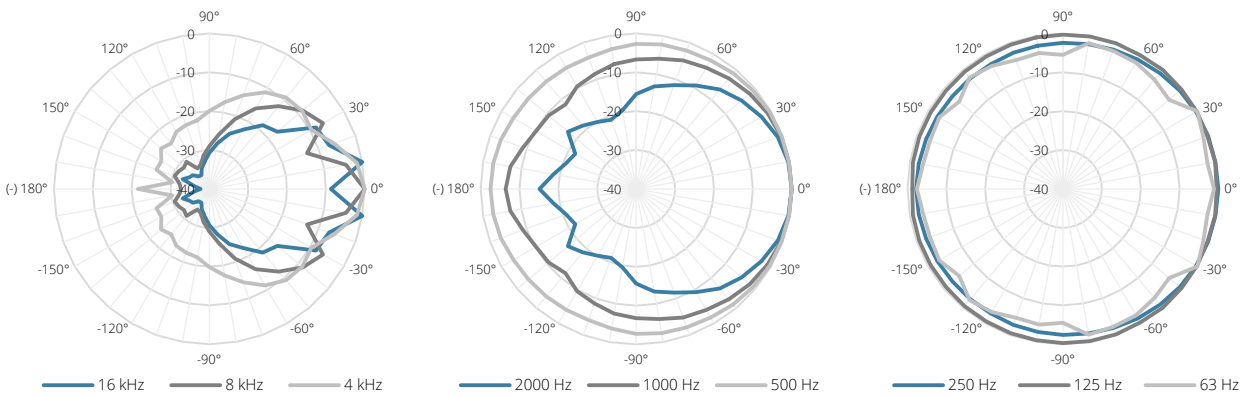
Packaging	Cardboard box
Shipping weight & volume	2.400 kg - 0.017 Cbm

# Acoustical data graphs:

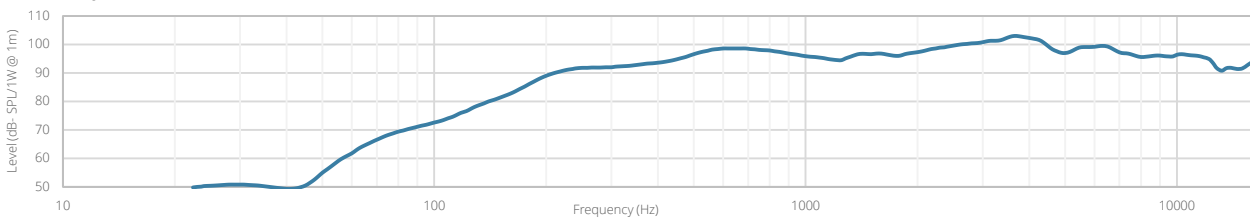
## Horizontal Polars:



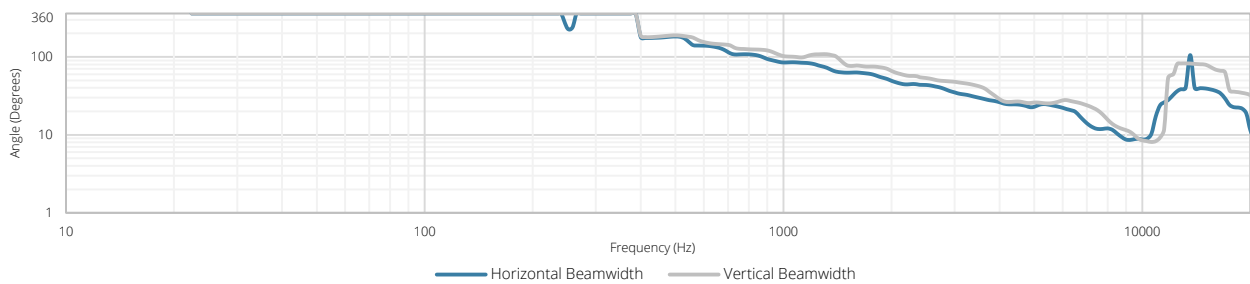
## Vertical Polars:



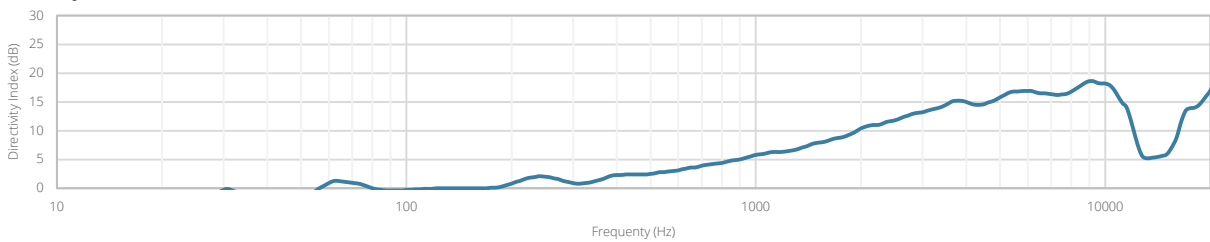
## Sensitivity:

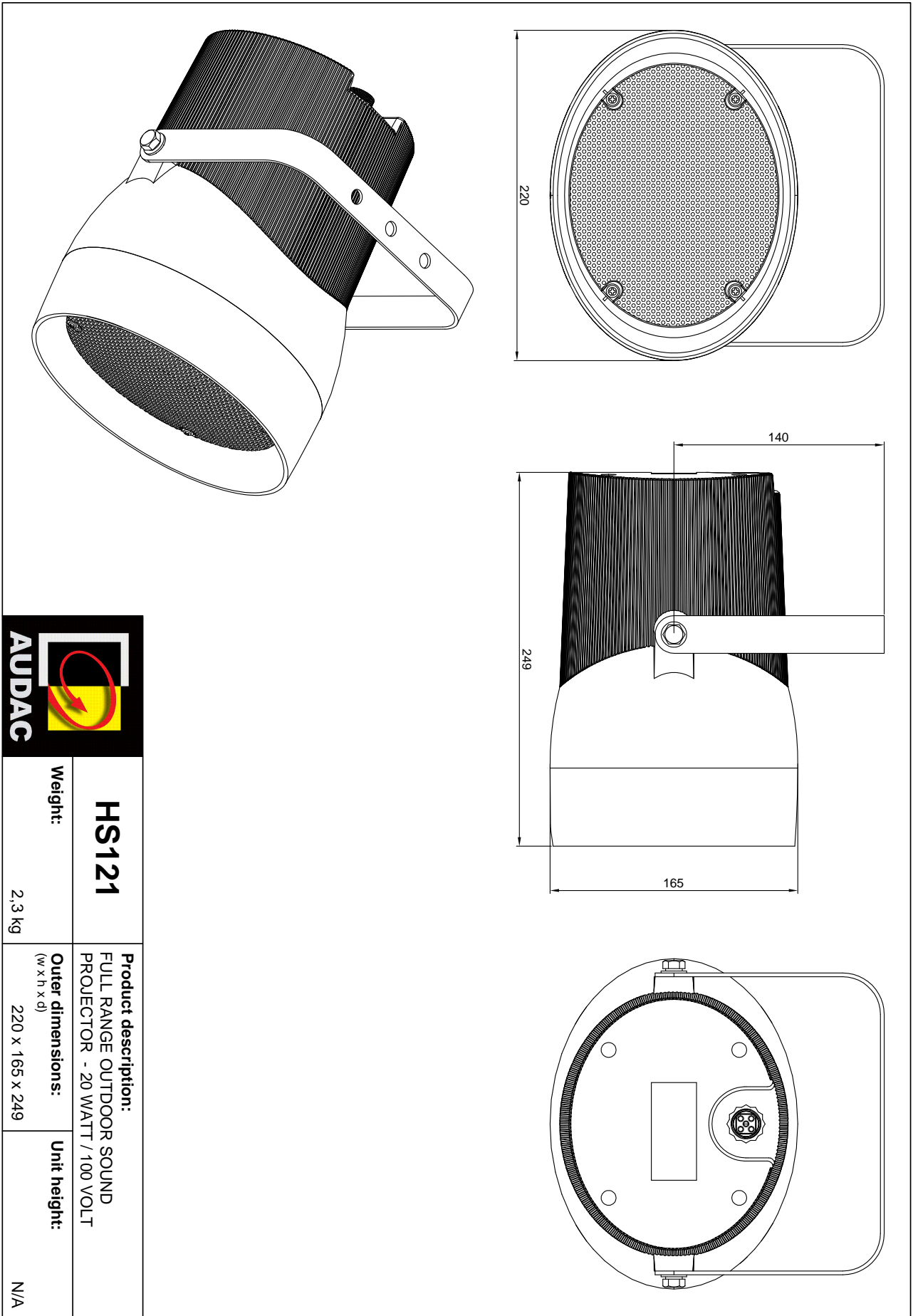



## Beamwidth (-3dB):



## Directivity index:





	
<b>HS121</b>	<b>Product description:</b> FULL RANGE OUTDOOR SOUND PROJECTOR - 20 WATT / 100 VOLT
<b>Weight:</b> 2,3 kg	<b>Outer dimensions:</b> (w x h x d) 220 x 165 x 249
	<b>Unit height:</b> N/A