

# PROJECTOR SPEAKER



<b>Model Name</b>	<b>HSR309-5T</b>
Load rating at 100V	10 W
Transformer 100V	10-5-2.5W
Frequency range	130-17KHz
SPL(@1W/m)	90dB
Speaker Ø(mm) and Impedance	5" & 8 ohms
Dimension ØxL	Ø136x210mm
Material, Colour	aluminum , white



<b>Model Name</b>	<b>HSR312-5T</b>	<b>HSR312-6T</b>
Load rating at 100V	10 W	20 W
Transformer	10-5-2.5W	20-10-5W
Frequency range	130-17KHz	100-17KHz
SPL(@1W/m)	90dB	92dB
Speaker Ø(mm) and Impedance	5" & 8 ohms	6 1/2" & 8 ohms
Dimension ØxL	Ø138x200mm	Ø170x252mm
Material, Colour	Plastic , white	Plastic , white



<b>Technical data</b>	<b>HSR310-5T</b>
Load rating at 100V	10 W
Transformer taps	10-5-2.5W
Frequency range	130-17KHz
SPL(@1W/m)	92dB
Speaker Ø(mm) and Impedance	5"/8 ohms (2 x)
Dimension ØxL	Ø136x210mm
Material, Color	aluminum , white

**10W** Adaptations  
10 - 5 - 2.5 W



**20W** Adaptations  
20 - 10 - 5 W



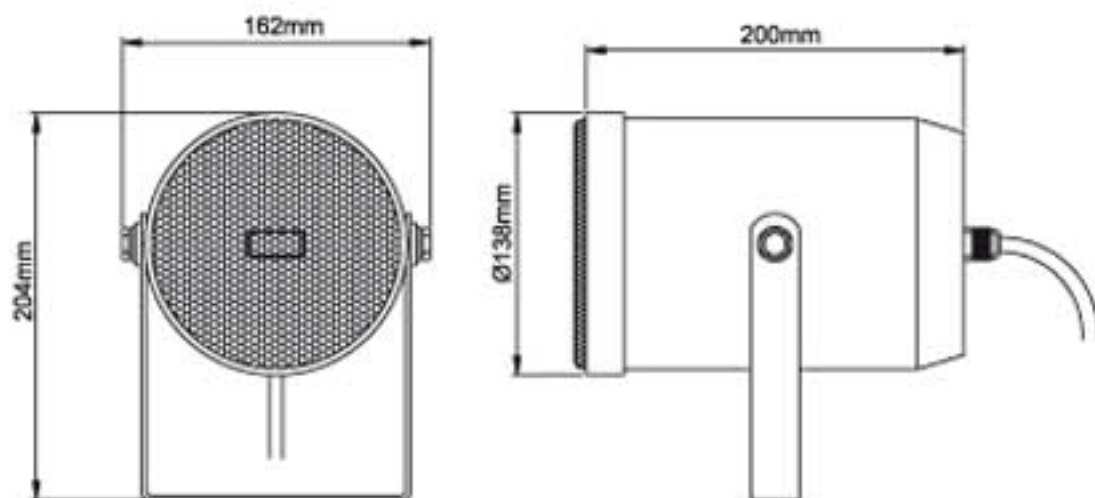
## Description

This model series are identical to the model HSR309T series, also have a wide range speaker.

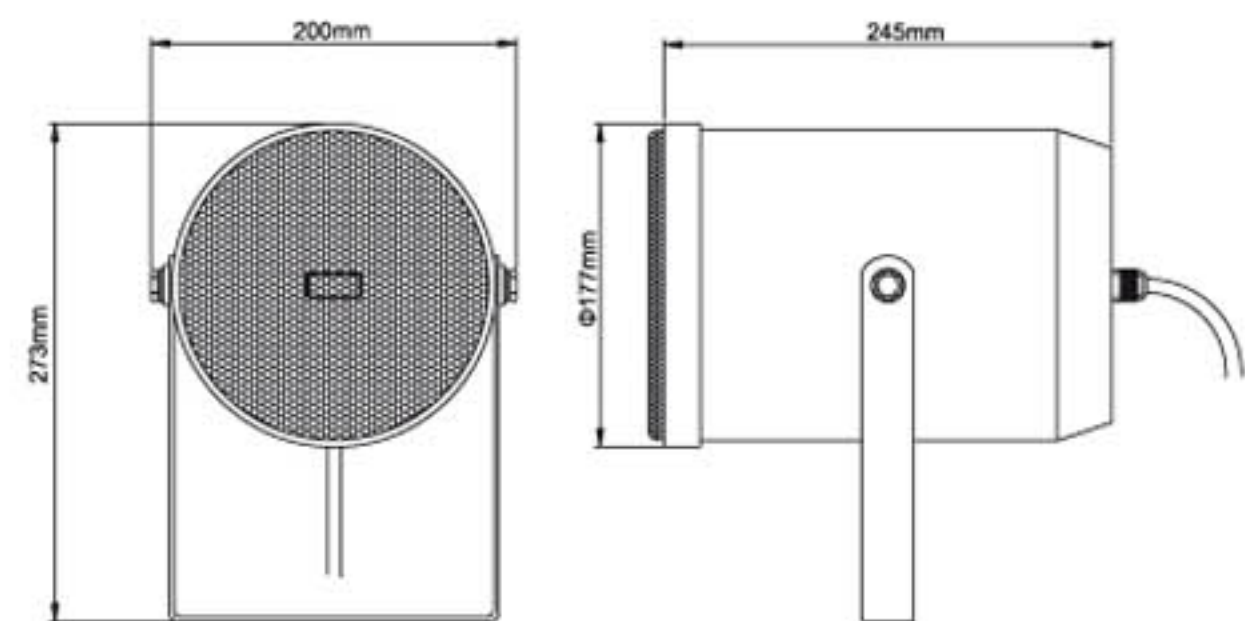
They have a high wide band, such as dynamic speakers. Both models (HSR312-5T and HSR312-6T) have a built-in wide range "twine-cone" speaker. Each of the integrated transformer tapings 100 V, 70 V and also 50 V have respectively three power levels. An excellent sound characteristic and the dynamic of these sound projectors gives best results for speech articulation as well as for a very good music performance. It is possible to rig up a number of these sound projectors, on top of each other, by use of similar phasing of the signal connection. This effects a narrowing of the vertical transmission angle at 1/4/8 kHz, which has the same effect as a column speaker. Of course the HSR312-5T and HSR312-6T are both able to be low-impedance connected.

Please consider the following features:

- Both models are established in an equal design, scratch resistant and impact resistant plastic material.
- The form and interior equipment of the sound projectors is configured, so that the favoured polar pattern of the sound radiation is assured.
- The required connection or impedance mode is done with clamp insulated wires (well marked). The cable is led out at the rear side of the unit.



Technical data	HSR312-5T
Load rating	10 W
Transformer tapings at 100V	10-5-2.5 W
Frequency range	130-17KHz
SPL(@1W/m)	90dB
Speaker Ø and Impedance	5" / 8 ohms
Dimension Ø x L	Ø138 x 200 mm
Material, Colour	plastic , white



Technical data	HSR312-6T
Load rating	20 W
Transformer tapings at 100V	20-10-5 W
Frequency range	100-17KHz
SPL(@1W/m)	92dB
Speaker Ø and Impedance	6 1/2" / 8 ohms
Dimension Ø x L	Ø177 x 245 mm
Material, Colour	plastic , white