



## CEILING LOUDSPEAKERS

# RNS6/T

The RNS product line includes one-piece standard Ceiling speaker in a metal version. The three Models of this line fit visually very well in our existing product lines. Two metal retaining springs allow a safe and even fit of these built-in loudspeakers in the ceiling. The speaker broadband chassis and the 100 V transformer form a unit with the front grille.



● Electrical	
Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms 100V	1.67k/3.33k/6.66k/13.3k/39.9k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	110-18,500
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	92
S.P.L. @ Full power Octave Bandwidth, dB	99
Dispersion at 1kHz, Degrees	160
Directivity Axial Q factor, 1kHz	2.1
● Environmental	
IP Rating	n/a
Min/Max amb temp	n/a
Relative Humidity	n/a
● Mechanical	
Dimensions, mm	Ø227
Net weight, kg	0.95
Colour/Finish	White RAL9016
Material	Steel, Powder coated
Mounting	2 Fast Tension Springs
Cut-out, mm	Ø198



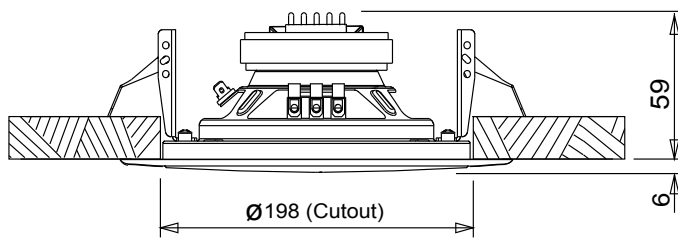
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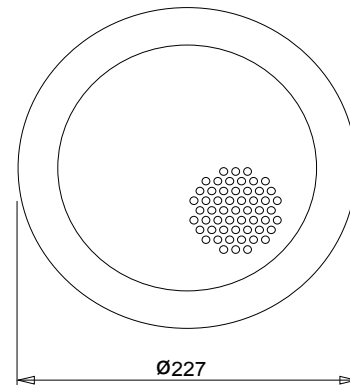
# INSTALLATION GUIDE

## RNS6/T

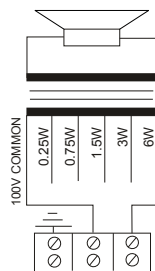
Side view  
(unit: mm)



Front view  
(unit: mm)

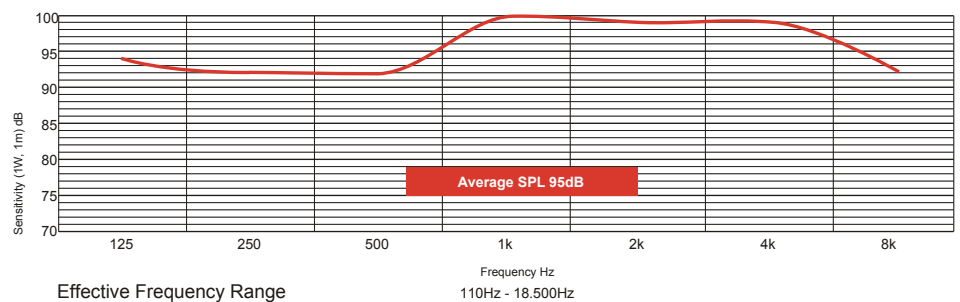


- 1) The ceiling cut required for the RNS6/T is 198 mm / diameter.
  - 2) Connect the loudspeaker in phase to the existing cable network and connect the required or desired output (6, 3, 1.5, 0.75, 0.25W) to the transformer using the cable lug.
  - 3) Press one spring slightly upwards and push the loudspeaker with this side first into the opening.
  - 4) Now press the opposite spring upwards (over 90 degrees / angle) and now lead the housing slowly and carefully into the opening, the loudspeaker now pulls itself into the opening.
- Please be careful when handling the springs, as these may cause minor injuries if accidentally slipped when cocked.



Circuit Diagram

Frequency response



Disclaimer: We reserve the right of changes and errors.



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