CEILING-MOUNTED LOUDSPEAKERS

PENTON

RGS5/T

RGS5/T is an attractive ceiling-mounted loudspeaker in a metal version. This product with the well-known bayonet System fits in visually very well in our existing product lines. Three metal snap springs allow a safe and even fit of these built-in loudspeakers.
The high-quality loudspeaker broadband chassis and the 100V transformer form a unit with the front grille, which lock the system with the bayonet on the mounting ring.

● 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
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	100 - 17,500
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	87
S.P.L. @ Full power Octave Bandwidth, dB	95
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	81/86
Dispersion at 1k/2k Hz, Degrees	180/160
Directivity Axial Q factor, 1k/2kHz	2.0/5.0
● Environmental	
IP Rating	
Min/Max amb temp	
Relative Humidity	
● Mechanical	
Dimensions, mm	Ø190x73
Net weight, kg	0.90
Colour/Finish	White RAL9016
Material	Electro-galvanized Steel
Mounting	Bayonet system with 3 retaining springs
Cut-out, mm	172

ATEÏS

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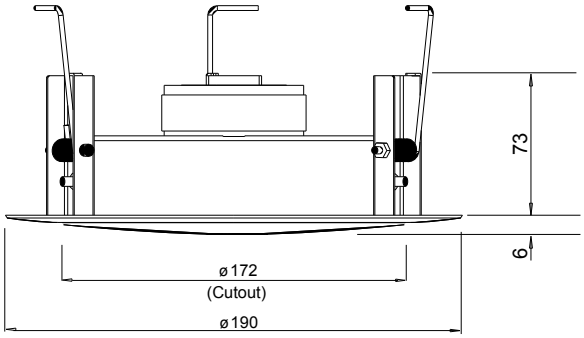
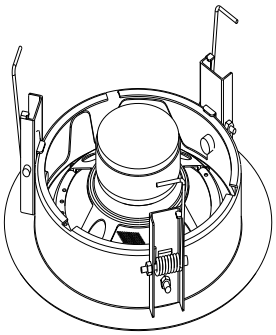
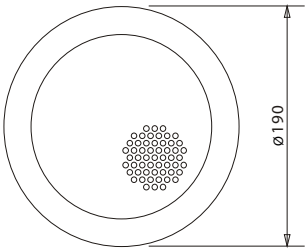
INSTALLATION GUIDE
RGS5/T

Side view
(unit: mm)







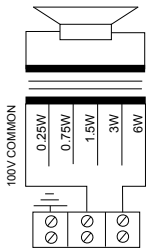
1) Remove the perforated grill (including the speaker technology) by simply unscrewing and then pulling out the outer ring.

2) The springs must now be pushed upwards and locked in the holders provided for this purpose.
WARNING: Please note that the springs are now under tension and there is a risk of injury due to uncontrolled loosening.

3) Guide the outer ring ready for mounting into the ceiling cut-out and fix it by carefully loosening the springs.
Now the outer ring holds in the ceiling and lies flush.

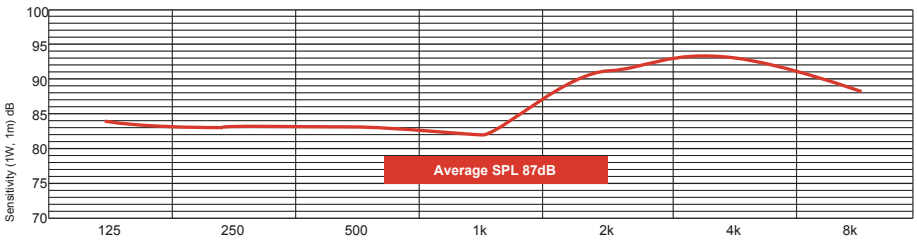
4) Now connect the loudspeaker to the existing cable network in the same phase and connect the required or desired power (6,3,1,5,0.75,0.25W) to the transformer using the cable lug.

5) Slide the speaker front into the outer ring and turn it to the right until it engages.



Circuit Diagram

Frequency response



Effective Frequency Range
100Hz - 17.500Hz

Disclaimer: We reserve the right of changes and errors.

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