

## CEILING-MOUNTED LOUDSPEAKERS

# RGS6/T

RGS6/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.

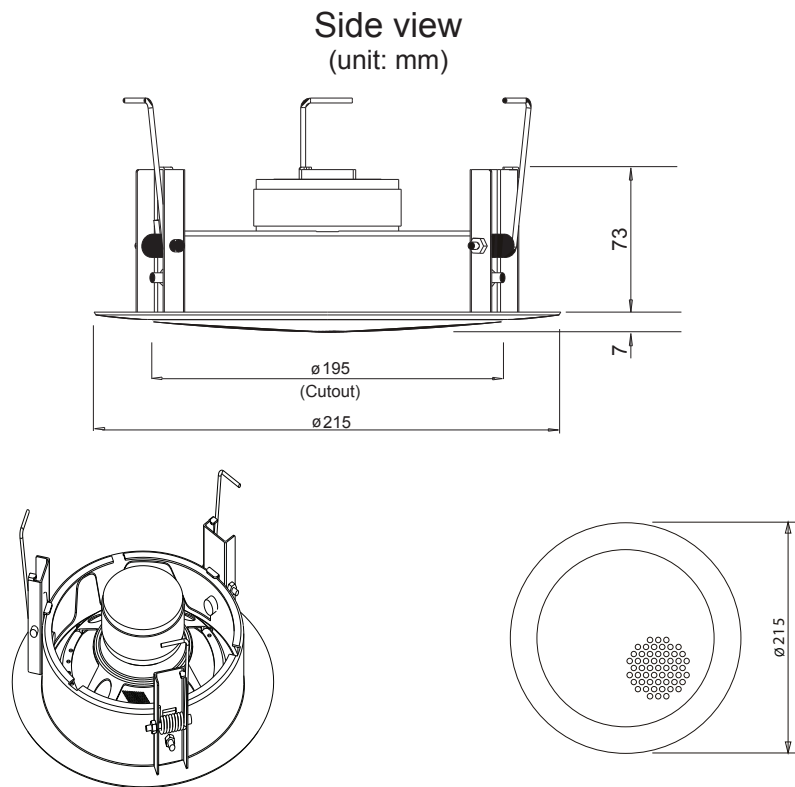


<b>● Electrical</b>	
Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms 100V	1.67k/3.33k/6.66k/13.3k/39.9k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BS EN 60268-5)	100 - 17,500
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	92
S.P.L. @ Full power Octave Bandwidth, dB	100
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	87/88
Dispersion at 1k/2k Hz, Degrees	180/180
Directivity Axial Q factor, 1k/2kHz	2.3/7.6
<b>● Environmental</b>	
IP Rating	
Min/Max amb temp	
Relative Humidity	
<b>● Mechanical</b>	
Dimensions, mm	Ø215x73
Net weight, kg	1.10
Colour/Finish	White RAL9016
Material	Electro-galvanized Steel
Mounting	Bayonet system with 3 retaining springs
Cut-out, mm	195

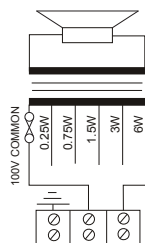


# INSTALLATION GUIDE

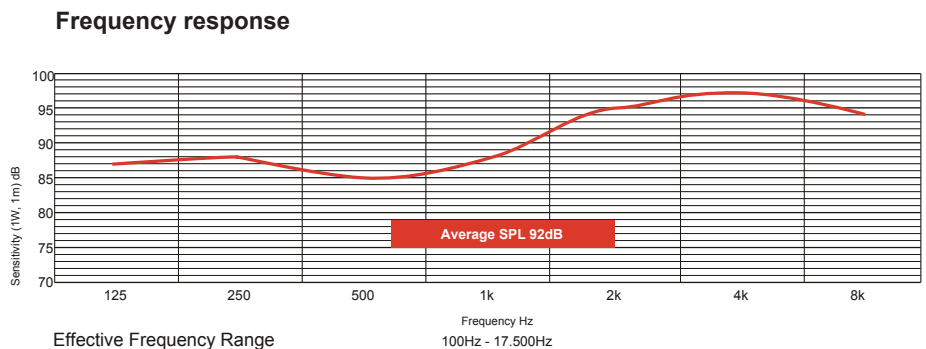
## RGS6/T



- 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



Disclaimer: We reserve the right of changes and errors.



**ATEIS Europe B.V.**  
Celsiusstraat 1, 2652 XN Lansingerland, Netherlands  
Phone +31 (0)10 208 86 90, [www.ateis-europe.com](http://www.ateis-europe.com), [info@ateis-europe.com](mailto:info@ateis-europe.com)

