



ROUND CO-AXIAL METAL CEILING LOUDSPEAKERS

RCS5/TCOAX 10W

The RCS range of Co-Axial ceiling loudspeakers have been carefully designed to blend seamlessly into any installation. These units are stylish yet unobtrusive.

Made from a pressed steel epoxy coated chassis incorporating a two-way speaker system comprising a bass mid-range driver and separate tweeter. The bass response has been extended to give depth and warmth to both music and vocals. Both drive units have been carefully tailored to give an exceptionally smooth performance.

Designed to make installation quick and easy, suitable for use in applications where high quality background music and speech are the primary requirement such as shops, schools, restaurants, hotels, public houses, offices etc.



● Electrical	
Rated power, Watts	10
Tappings 100 volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms 100V	1k/2k/4k/8k
Tappings 70.7 volt line, Watts	5/2.5/1.25/0.625
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	70 - 18.500
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	91
S.P.L. @ Full power Octave Bandwidth, dB	101
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	88/88
Dispersion at 1k/2k Hz, Degrees	180/180
Directivity Axial Q factor, 1k/2kHz	2.1/4.0
● Environmental	
IP Rating	21
Min/Max amb temp	-25°C to 70°C
Relative Humidity	≤95%
● Mechanical	
Dimensions, diameter, mm	Ø189
Net weight, kg	1.2
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	Ø160



ATEIS Europe B.V.

Celsiusstraat 1, 2652 XN Lansingerland, Netherlands

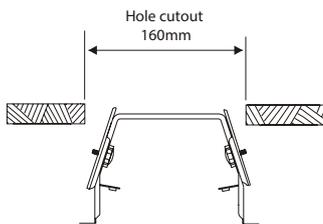
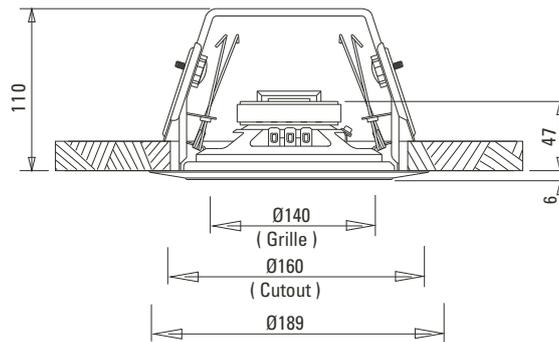
Phone +31 (0)10 208 86 90, www.ateis-europe.com, info@ateis-europe.com



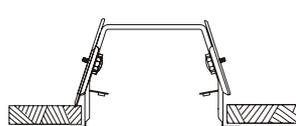
INSTALLATION GUIDE

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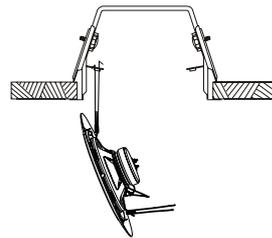
Side view
(unit: mm)



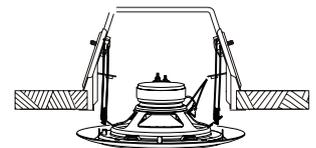
1) Cut the required hole for the speaker.



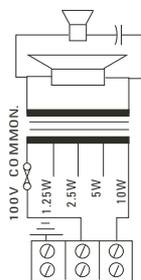
2) Loosen the retaining sliders and push to the top of the bracket. Once the bracket is through the hole pull down the sliders and tighten the retaining nut clamping the ceiling.



3) **FITTING THE SPEAKER**
Compress "V" spring and fit into the retaining ear within the bracket. Connect cable to terminal block and select wattage required.

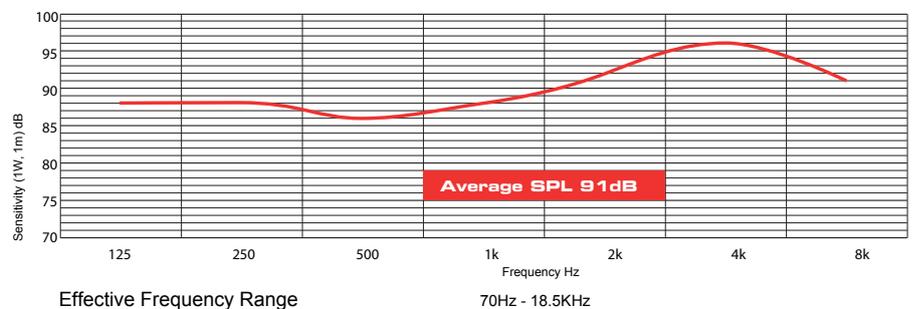


4) Fit second "V" clip into second retaining ears and gently push the speaker up into the bracket (do not push the central perforated grille area) the speaker will self locate into the bracket.



Circuit Diagram

Frequency response



Disclaimer: We reserve the right of changes and errors.



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