

## ROUND METAL CEILING LOUDSPEAKER

### RCS8/T

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

Made from a pressed steel epoxy coated chassis incorporating a twin cone driver, which offers a wider frequency response than a standard single cone, this gives the RCS range a superior performance. Designed to make installation quick and easy and suitable for use in applications where background music and speech are the primary requirement such as shops, schools, restaurants, hotels, public houses, offices etc.



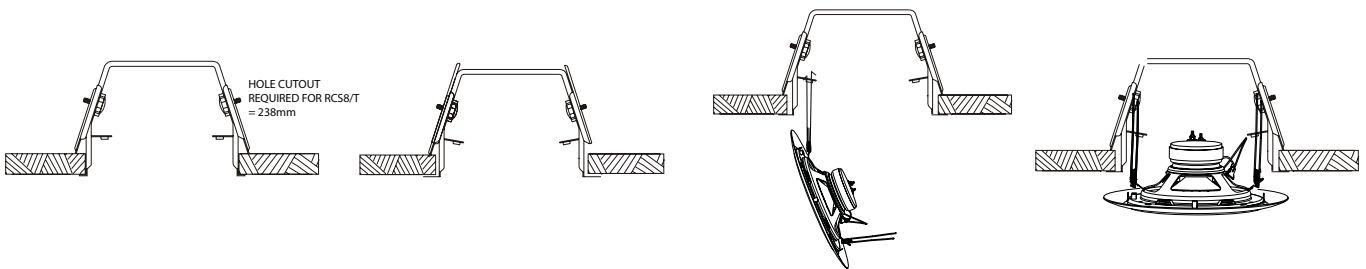
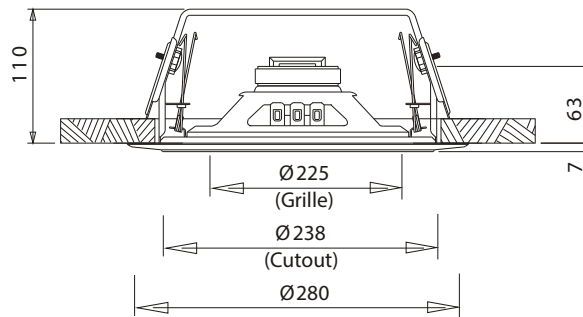
<b>● Electrical</b>	
Rated power, Watts	10
Tappings 100 volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms 100V	1k/2k/4k/8k
Tappings 70.7 volt line, Watts	5/2.5/1.25/0.625
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BS EN 60268-5)	65 - 17,000
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	94
S.P.L. @ Full power Octave Bandwidth, dB	104
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	89/90
Dispersion at 1k/2k Hz, Degrees	180/110
Directivity Axial Q factor, 1k/2kHz	2.7/6.7
<b>● Environmental</b>	
IP Rating	21
Min/Max amb temp	-10°C to 55°C
Relative Humidity	n/a
<b>● Mechanical</b>	
Dimensions, mm	Ø280x110
Net weight, kg	1.4
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs, Mounting bracket
Cut-out, mm	Ø238



# INSTALLATION GUIDE

## RCS8/T

Side view  
(unit: mm)

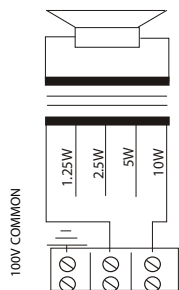


**1)** Place the mounting bracket inside the ceiling aperture and secure it with the two black knobs.

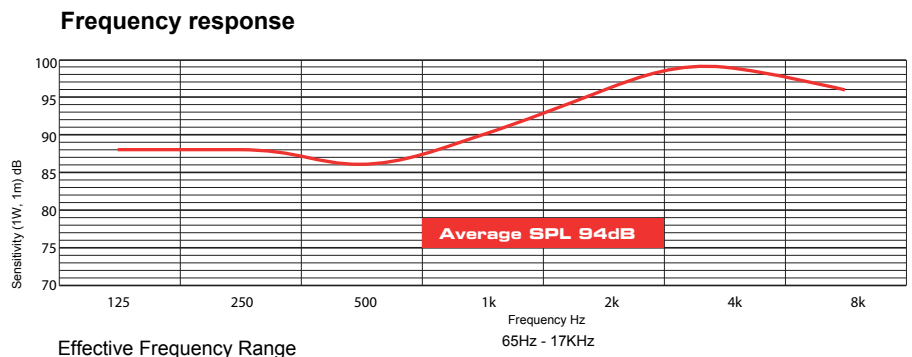
**2)** Loosen the retaining sliders and push to the top of the bracket. Once the bracket is through the hole pull down the sliders and tighten the retaining nut clamping the ceiling.

**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**



Disclaimer: We reserve the right of changes and errors.



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