

CEILING-MOUNTED LOUDSPEAKER

RGS6FT/EN

RGS6FT/EN 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 100 V transformer form a unit with the front grille, which lock the system with the bayonet on the mounting ring.



EN54-24:2008 0905-CPR-201110 TYPE A

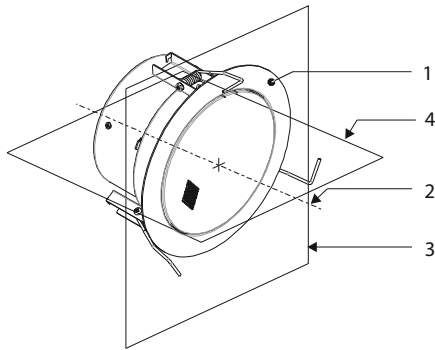
● Standard	Compliant to EN54-24 Compliant to BS5839:8
● Electrical	
Rated power, Watts	6
Tappings 100 Volt line, Watts	6/3/1.5/0.75/0,25
Transformer Impedance, Ohms 100 Volt	1,67k/3.33k/6.67k/13.3k/40k
Tappings 70.7 Volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	100-17.500
S.P.L. @ 1 m, 1 Watt, dB, Octave, 100 Hz-10 kHz	94
S.P.L. @ 1 m, Full power, dB, Octave, 100 Hz-10 kHz	102
S.P.L. @ 4 m, 1 Watt, dB, 1/3 Octave, 100 Hz-10 kHz	81
S.P.L. @ 4 m, Full power, dB, 1/3 Octave, 100 Hz-10 kHz	85
Dispersion at 1k/2k Hz, Degrees	169/95 Horizontal 170/96 Vertical
● Environmental	
IP Rating	21
Min/Max amb temp	-10°C to 55°C
Relative Humidity	≤95%
● Mechanical	
Dimensions, mm	Ø215 x 106
Net weight, kg	1.35
Colour (Unless Specified)	White, RAL9016
Material	Steel
Mounting	Bayonet system with 3 retaining springs
Cut-out, mm	Ø195
Safety	Ceramic Block Thermal Fuse



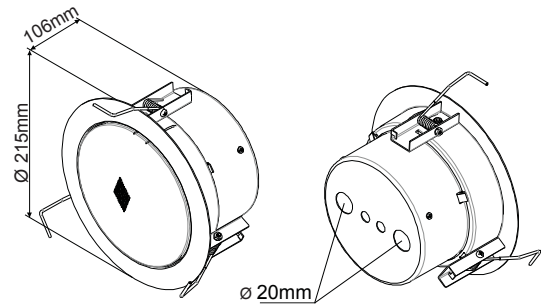
INSTALLATION GUIDE

RGS6FT/EN

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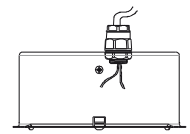
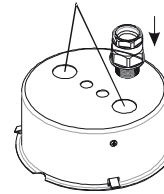
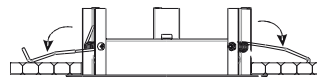
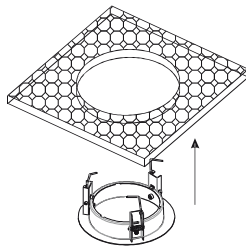


1. Loudspeaker enclosure
2. Reference axis
3. Reference plane
4. Horizontal plane



With Transformer:
100V/70V line

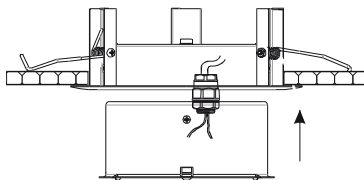
	White wire plus tapping						Black
100V	0.25W	0.75W	1.5W	3W	6W	COM	
70V	0.125W	0.375W	0.75W	1.5W	3W	COM	
IMP (Ω)	40k	13.3k	6.67k	3.33k	1.67k		



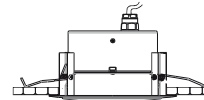
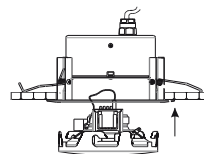
1) Place the ceiling cutout (195 mm) and insert the mounting ring.

2) Release the springs from the brackets.

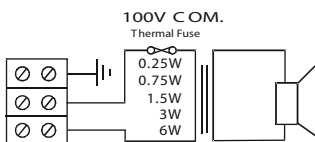
3) Insert the cable gland(s) into the receptacle(s).



4) Push the firedome into the mounting ring from below until it clicks into place.

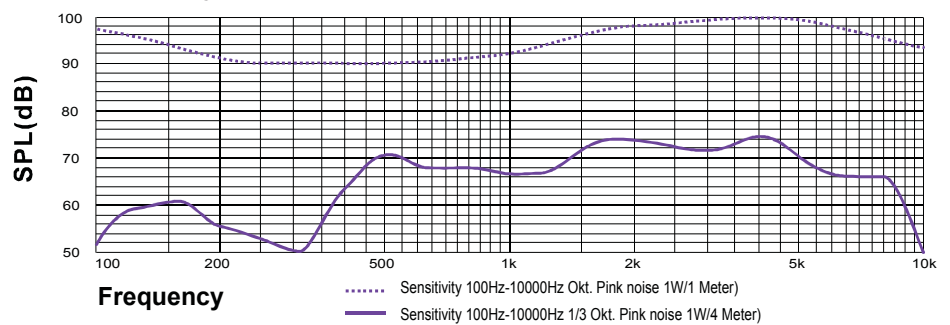


5) Insert the front part from below into the mounting ring and turn it slightly until a secure fit is ensured.



Circuit Diagram

Frequency response



Disclaimer: We reserve the right of changes and errors.



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