CEILING LOUDSPEAKER

PENTON

RLS5FTS/EN

Budget ceiling speaker as one-piece version and metal housing. The mounting is via fast spring clip.

EN54-24:2008
0905-CPR-00279
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
Transformer Impedance, Ohms 100 Volt	1.67k/3.33k/6.66k
Tappings 70.7 Volt line, Watts	3/1.5/0.75
Driver impedance, Ohms	4
Effective Frequency Range, Hz (BSEN60268-5)	150 - 18,500
S.P.L. @ 1 m, 1 Watt, dB, Octave, 100 Hz-10 kHz	93
S.P.L. @ 1 m, Full power, dB, Octave, 100 Hz-10 kHz	101
S.P.L. @ 4 m, 1 Watt, dB, 1/3 Octave, 100 Hz-10 kHz	77
S.P.L. @ 4 m, Full power, dB, 1/3 Octave, 100 Hz-10 kHz	85
Dispersion at 1k/2k Hz, Degrees	167/151 Horizontal 173/146 Vertical
● Environmental	
IP Rating	21
Min/Max amb temp	-10°C to 55°C
Relative Humidity	≤95%
● Mechanical	
Dimensions DxT, mm	Ø186 x 146
Net weight, kg	1.02
Colour (Unless Specified)	White, RAL9016
Material	Metal
Mounting	Fast spring clip
Cut-out, mm	Ø162
Safety	Ceramic Block Thermal Fuse

ATEÏS

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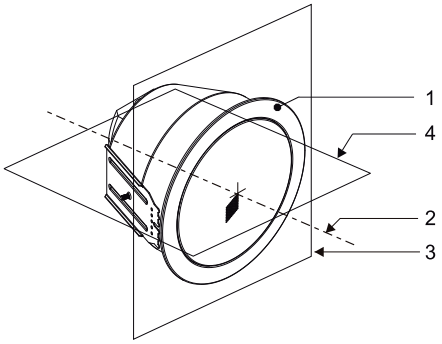
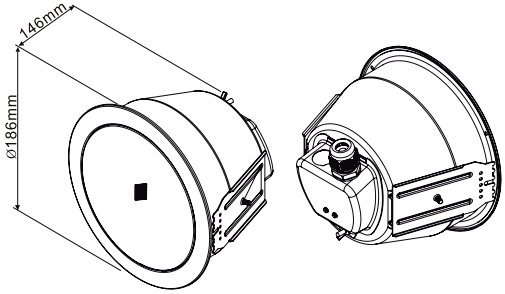
INSTALLATION GUIDE
RLS5FTS/EN

EN54-24:2008
0905-CPR-00279
TYPE A

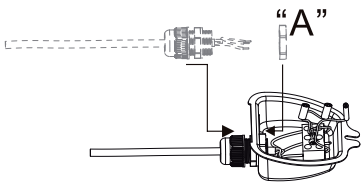


1. Loudspeaker enclosure
2. Reference axis
3. Reference plane
4. Horizontal plane

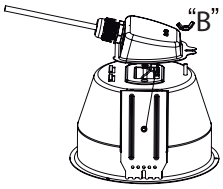


With Transformer:
100V/70V line

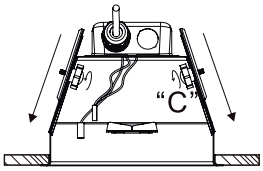
	White wire plus tapping			Black
100V	1.5W	3W	6W	COM
70V	0.75W	1.5W	3W	COM
IMP (Ω)	6.67k	3.33k	1.67k	



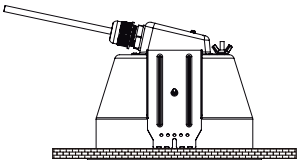
1) Connect the terminal to the speaker circuit. To do this, guide the corresponding cable through the cable gland "A".



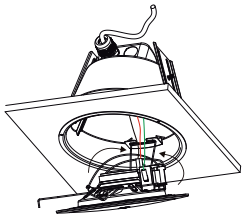
2) Attach the junction box with the wing nut "B" to the firedome.



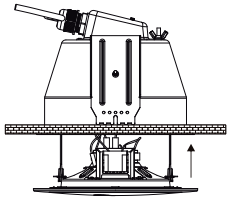
3) Loosen the locking nut "C" on both sides and push the firedome into the cutout in the ceiling.



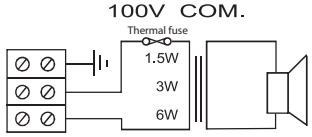
4) Once the firedome is in the ceiling, pull the side brackets down with the nuts. After the nuts have been tightened, the firedome sits firmly in the ceiling.



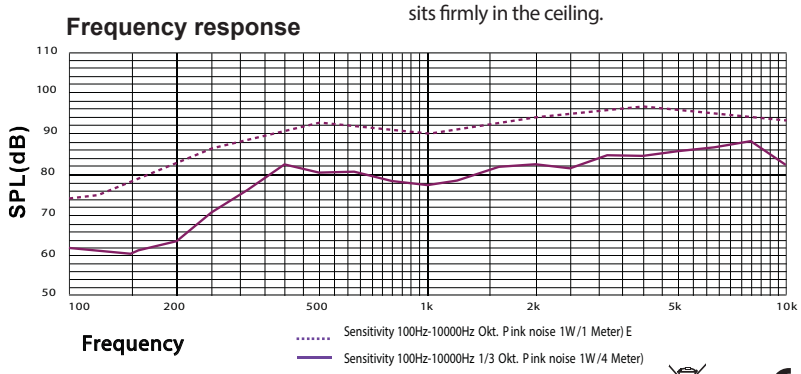
5) Press the metal springs together on one side of the speaker and hang the front panel into the receptacle in the fire pot. Now connect the cable lugs to the transformer.



6) Hook the second retaining spring into the fire pot and slide the speaker towards the ceiling. Do not apply firm pressure to the perforated sheet grid. The loudspeaker is now fully assembled and sits firmly in the ceiling.



Circuit Diagram



Disclaimer: We reserve the right of changes and errors.

RoHS CE 17 0359

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