

CEILING IP LOUDSPEAKER

RCS6-IP

The RCS6-IP is a 20 Watts ceiling IP loudspeaker for voice, paging, intercom, music streaming, audio routing, pre-recorded and scheduled announcement, VoIP communication or as the SIP endpoint where network-wide communication is desired and high-output loudspeakers are required to overcome high ambient noise and/or large spaces.

The RCS6-IP incorporates 3 control inputs for level control and source selection (using the RAC 5/8 controllers), 1 contact output for triggering events. To configure, control, monitor the IP speakers in real-time, this can be easily done through your favorite web browser interface, making the management even the most complex environments simpler than ever.



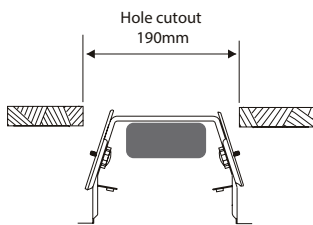
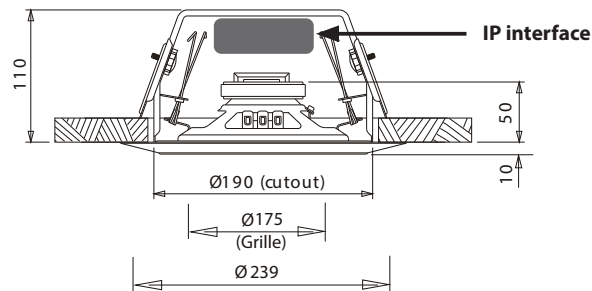
● Certifications	EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3
● Electrical	
Rated power, Watts	20
Effective Frequency Range, Hz (BSEN60268-5)	65 - 18,500
S.P.L. @ 1 m, 1 Watt, dB, Octave, 100 Hz-10 kHz	95
S.P.L. @ 1 m, Full power, dB, Octave, 100 Hz-10 kHz	103
Dispersion at 1k/2k Hz, Degrees	180/110
Power supply	PoE+ 24 VDC power transformer (18-24 VDC), minimum power supply: 2 A
● Environmental	
IP Rating	21
Min/Max amb temp	-10°C to 55°C
Relative humidity	n/a
● Mechanical	
Dimensions, diameter, mm	Ø239 x 110
Net weight, kg	1.73
Colour/Finish	White, RAL9016
Material	Steel
Mounting	Torsion springs, Mounting bracket
Cut-out, mm	Ø190
● Features	
Configured, controlled, managed and monitored via web browser	
3 control inputs for level control and source selection using the RAC 5/8 controller	
1 relay contact output	
Network audio codec: G.711, G.722, WAV, mp3	
3rd party control with TERRACOM system	
Support VoIP call via SIP protocol	



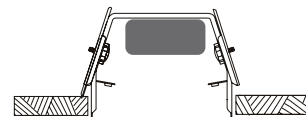
INSTALLATION GUIDE

RCS6-IP

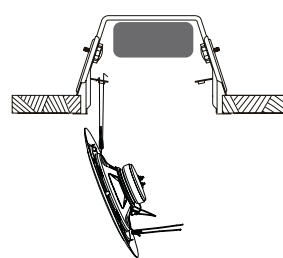
Side view
(unit: mm)



1) Cut the required hole for the speaker.

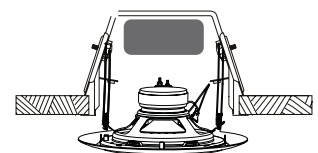


2) Loosen the retaining sliders and push to the top of the bracket. Once the bracket is through the hole pull down the sliders and tighten the retaining nut clamping the ceiling.



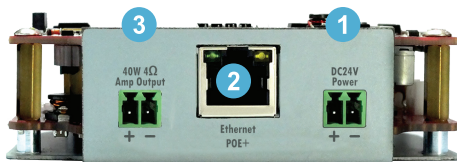
3) FITTING THE SPEAKER

Compress "V" spring and fit into the retaining ear within the bracket. Connect cables to the speaker.

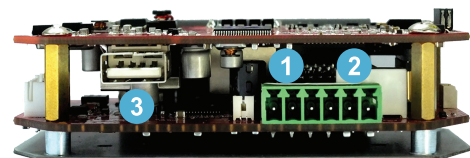


4) Fit second "V" clip into second retaining ears and gently push the speaker up into the bracket (do not push the central perforated grille area) the speaker will self locate into the bracket.

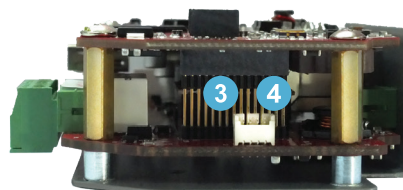
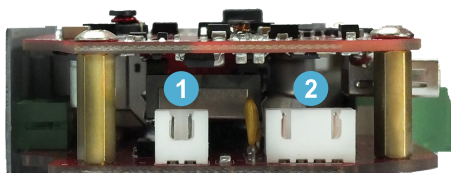
SPEAKER CONNECTIONS



- 1. 24 VDC power input
- 2. RJ45 connector Ethernet
- 3. Speaker connection - 1 channel 20 W

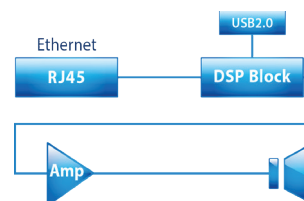


- 1. 3 logic control inputs
- 2. 1 contact output
- 3. USB interface (function reserved - Not available)



- 1. LED strobe connector (+ -)
- 2. Clock module interface
- 3. Power LED (+ -)
- 4. Status LED (+ -)

FUNCTION BLOCK



Disclaimer: We reserve the right of changes and errors.



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