

## One-Shot Speakers

### C 2134C

200mm (8") 100V 5W

## One-Shot® Ceiling Speaker

### Overview

This 200mm (8") PA speaker is designed for fast installation. It is ideal for BGM and general paging applications. The offset transformer mounting allows mounting in ceilings with limited recess space.

### Features

- Excellent speech intelligibility.
- High quality speaker driver developed for BGM and general paging applications.
- Patented 6 way latching ensures a neat, sag free installation.
- Fitted with 4 way wire protect terminal block for loop in, loop out wiring.
- Fitted with cable restraint plate and transformer cover.
- Fitted with supervisory capacitor for line monitoring.
- High impact styrene grille.
- **5 year warranty.**

### Installation Guidelines

This model is fitted with a 4 way wire protect screw terminal block. This is suitable for loop in, loop out cabling. The cable can be secured to the in-built restraint plate with 100mm cable ties.

All One-Shot® speakers are designed for fast installation due to the integral pressure clips which grip to the reverse side of the ceiling tile. They suit any 10-13mm ceiling tile, including gyprock, mineral fibre or fixed gyprock ceilings. Redback provide an optional tile support or 'ceiling pan' to minimise sag and vibration.

These pans fit inside the 't-bar' supports for the tile ceiling and provide a solid surface on which the One-Shot® clips secure to. Once the hole is cut, these simply slide up into the hole, the speaker is then pushed in until the clips release.

We recommend a speaker hole of 246mm. This is easily cut using the T 2314A holesaw.

**REDBACK**



### About Redback® Speaker Drivers

Each custom designed speaker and transformer combination has been specifically engineered to ensure a wide frequency range and dispersion angle, plus a high sound pressure level (SPL) ensuring excellent music and speech intelligibility; which is highly desirable for paging applications.

Redback® drivers exhibit optimum frequency response and efficiency for BGM & paging applications. The transformers are wound on professional grade grain oriented steel cores for high efficiency and extended frequency response.

Each transformer is fitted with multiple power tapings which are selected via a tab on the top of the transformer.

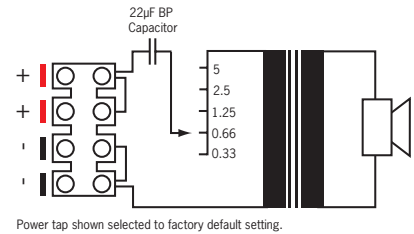
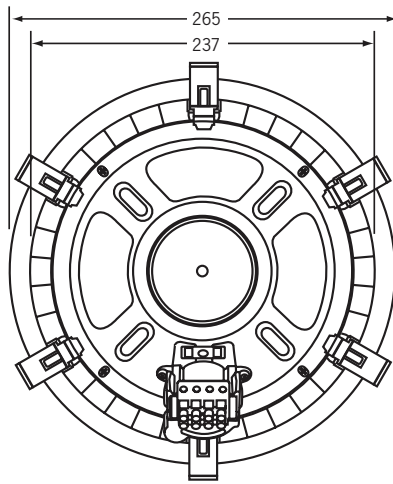
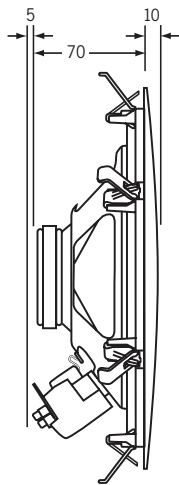
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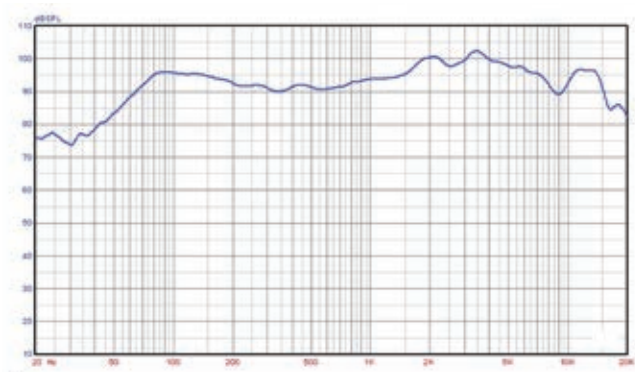
### Dimensions (mm) & Transformer Details



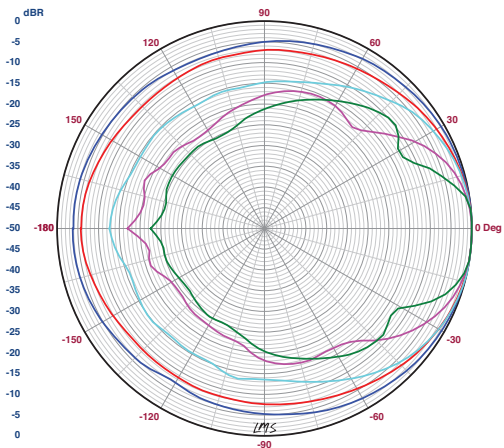
### Specifications

Electrical	
Power taps	0.33, 0.66, 1.25, 2.5, 5W
SPL 1W @ 1m	93.6dB @ 1kHz (+/- 2dB)
Frequency response	75Hz-15kHz
Connection	4 way terminal block + 22uF bipolar capacitor
Mechanical	
Grille material	High impact styrene
Driver construction	Paper twin cone
Ceiling cutout	246mmØ
Grille diameter	265mmØ
Mounting depth	75mm (including ceiling tile thickness)
Overall weight	960g
Colour	White RAL
Environmental	
Operating temperature	-25°C to +55°C
Relative humidity	< 95%
Additional Installation Accessories	
C 2129 Steel ceiling tile support pan	
T 2312A 140mm holesaw	

### Frequency Response (SPL 1W @ 1m)



### Polar Plot (Ratio vs Angle)



	500Hz	1kHz	2kHz	4kHz	6kHz
SPL 1W @ 1m (dB)	91.1	93.6	100.3	99.7	91.9
Beam Width (BW)	207	127	91	55	35
Q-Factor	1.7	2.8	4.0	6.6	9.9
Directivity Index (DI)	2.4	4.5	6.0	8.2	10.0