

Overview

A standard 100V line speaker & transformer combination designed for general public address, BGM & paging installations. The offset transformer mounting allows mounting in ceilings with limited recess space. It is ideally suited to use in offices, retail and hospitality installations.

Features

- Excellent speech intelligibility
- High quality speaker driver developed for BGM, paging and emergency warning applications
- Flip-lock mounting system reduces installation time.
- Offset transformer for reduced mounting depth.
- Stylish ABS surround and steel mesh grille.
- **5 year warranty.**

Installation Guidelines

Redback® "Fast-Fix" speaker utilise a time saving flip lock mounting method. It results in a finish with no visible screw heads or caps.

The flip lock tabs slide outwards as the speaker is screwed into the hole, securing the speaker to the ceiling material from the top side.

Suitable for use with any 8-33mm ceiling tile, including gyprock, mineral fibre or fixed gyprock ceilings. We recommend a speaker hole of 195mm. This is easily cut using the T 2314A holesaw.

The neutral white RAL colour of C 2123 provides an architecturally unobtrusive finish to virtually any installation.

The transformer is fitted with a 4 way wire protect screw terminal block. This is suitable for loop in, loop out cabling

About the Fast-Fix Flip Lock System

Redback® "Fast-Fix" speaker utilise a time saving flip lock mounting method. It results in a finish with no visible screw heads or caps. The flip lock tabs slide outwards as the speaker is screwed into the hole, securing the speaker to the ceiling material from the top side. Suitable for use with any 8-33mm ceiling tile, including gyprock, mineral fibre or fixed gyprock ceilings.



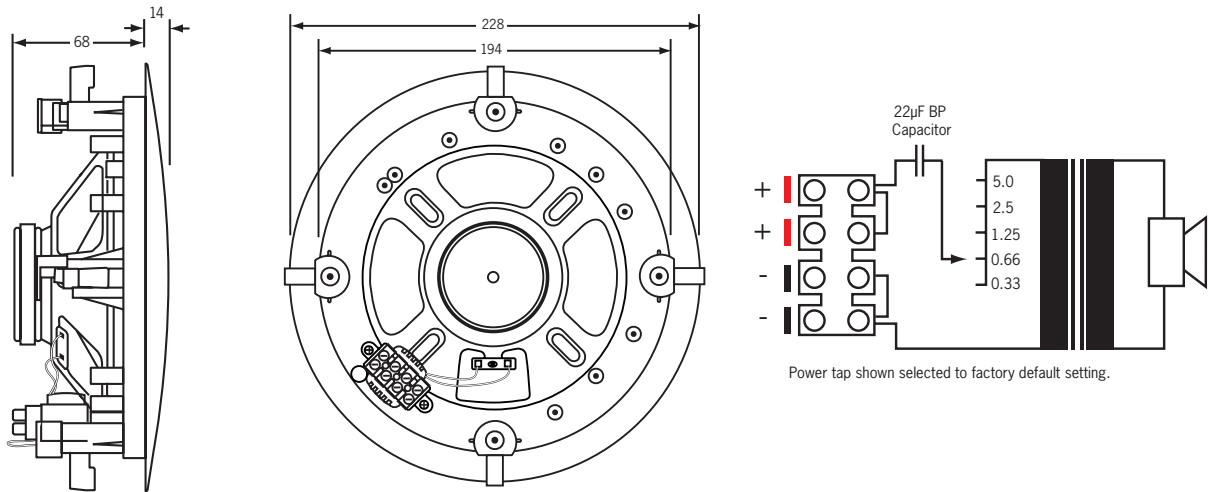
About Redback® Speaker Drivers

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.

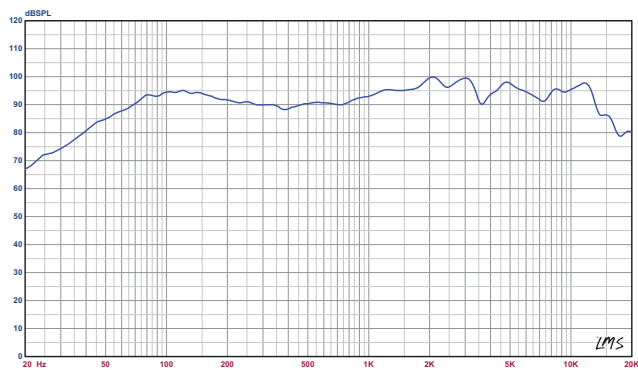
Dimensions (mm) & Transformer Details



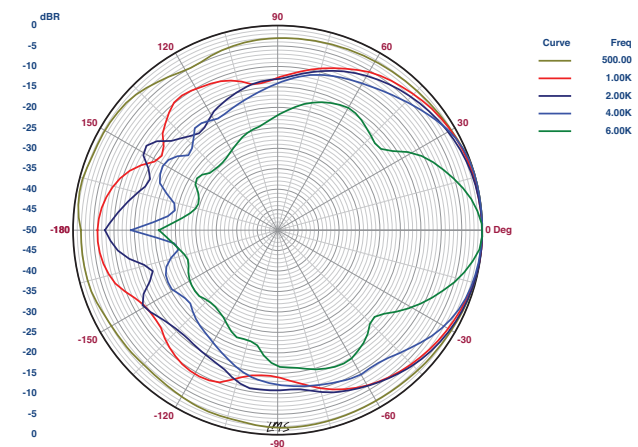
Specifications

Electrical	
Power taps	0.33, 0.66, 1.25, 2.5, 2.5, 5W
SPL 1W @ 1m	91dB @ 1kHz (+/- 2dB)
Frequency response	90Hz-20kHz
Connection	2 way terminal block
Mechanical	
Grille material	ABS surround, steel mesh grille
Driver construction	Paper twin cone
Ceiling cutout	195mmØ
Grille diameter	228mmØ
Mounting depth	68mm (including ceiling tile thickness)
Overall weight	1kg
Colour	White
Environmental	
Operating temperature	-25°C to +55°C
Relative humidity	< 95%
Additional Installation Accessories	
T 2314A Adjustable 40-270mm hole saw	

Frequency Response (SPL 1W @ 1m)



Polar Plot (Ratio vs Angle)



	500Hz	1kHz	2kHz	4kHz	6kHz
Beam Width (BW)	360	116	113	84	33
Q-Factor	1.0	3.1	3.2	4.3	11.0
Directivity Index (DI)	0.0	4.9	5.0	6.3	10.4