

ONE-SHOT® RAT TRAP 100V LINE PUBLIC ADDRESS SPEAKERS



Plastic grille and clips designed, engineered and manufactured in Australia.

Product Overview

Redback® "One-Shot®" speaker units install in seconds. They simply snap fit to any 10-13mm thickness ceiling by means of the integral pressure clips. The labour cost savings for the pro sound installer are both obvious and substantial. The snap clip material is formulated to retain long service life strength and spring action, ensuring a snug vibration free fit to either gyprock tiles, mineral fibre tiles or fixed gyprock ceilings.

Modelled on the popular Redback One-Shot design, the new 'rat trap' uses an ingenious patented spring mechanism that snaps like a rat trap when activated. The new improved design includes three retaining clips ensuring the grille fits snugly to the ceiling without sagging or drooping, even in soft ceilings.

For best results we recommend a speaker hole of 140mm be cut using the T 2312A holesaw.

The speaker driver and transformer combination has been custom engineered to provide high SPL & wide frequency range specifically for use in emergency warning systems, general paging or BGM applications. Fitted with 4 way wire protect terminal block, 22µF bipolar capacitor, transformer safety cover and cable restraint plate as required by Australian standard.

Assembled In Australia. 5 Year Warranty.

Key Features

Custom designed speaker and transformer assembly engineered to meet Australian Fire Evacuation Standards.

High impact styrene grille.

New latching clip design for even easier installation, compared to previous One-Shot versions.

3 way latching ensures a neat, sag free installation every time.

High quality speaker driver developed for BGM, paging and emergency warning applications.

Fitted with 4 way wire protect terminal block.

Fitted with cable retention plate, 22µF bipolar capacitor and transformer safety cover as required by Australian Standards.

Specifications

Power taps:	0.33, 0.66, 1.25, 2.5, 5W
SPL 1W @ 1m	92dB @ 1KHz ±2dB
SPL max tap @ 1m	97dB @ 1KHz ±2dB
Freq response:	100Hz - 15kHz
Overall dimensions:	~95D x 160Ømm
Grille material:	High impact styrene
Ceiling cutout:	140Ømm

One-Shot "snap fit" speaker installation system is a patented & registered design.



Installation Guidelines.

Step 1.

Cut 140mmØ hole in ceiling or tile. We recommend using the T 2312A Altronics hole saw which is the exact size for the job.

Step 2.

Run the speaker cable through the hole and terminate at speaker terminals.

Step 3.

'Set the rat-trap' by pressing the spring loaded retaining clips on the speaker inward until you hear an audible click.

Step 4.

With the 'trap' set, simply push the speaker into the hole and spring clips will release automatically securing the speaker to the tile or ceiling.

Note: For soft ceilings, bypass steps 3 and 4. Simply push the spring retaining clips inward and hold them with your fingers as you insert the speaker into the hole. This minimises the chance of any dents or damage in the soft ceiling material.

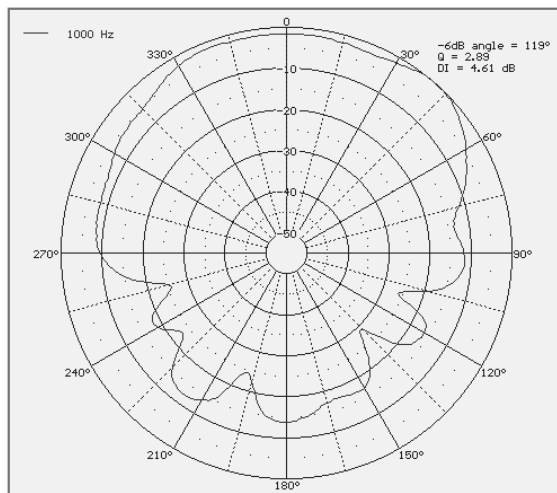


Each speaker clip can be "latched" into position.

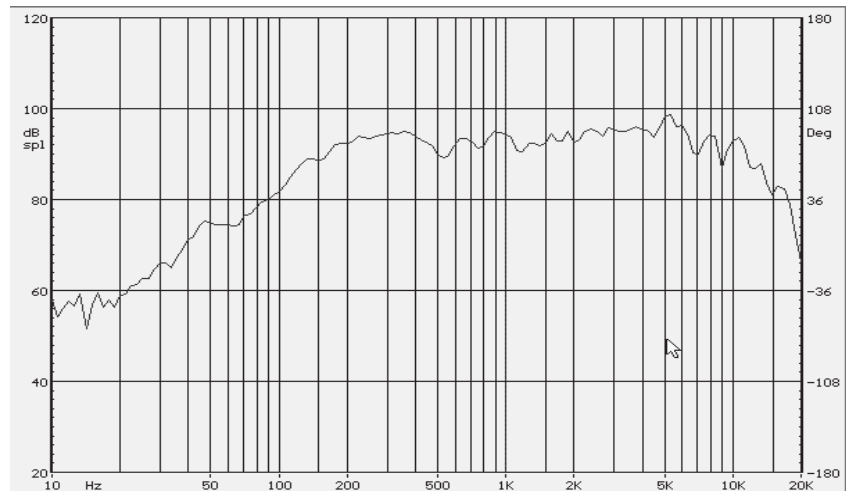


When pushed into the ceiling each clip springs outwards, securing it to the ceiling. Just like the C 2148C One-Shots!

Polar Plot



Response Graph



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