

Surface Mount Speakers

C0703A

Surface Mount Speaker 100mm (4") 100V 5W White

REDBACK®

Overview

A surface mount PA speaker designed for BGM and paging installations. It is moulded from industrial grade, high impact polystyrene and designed to mount directly to the underside of concrete slabs or inaccessible ceilings. The housing utilises the One-Shot® mounting system for reduced installation time. They are ideal for use in plant rooms, warehouses, shopping centres, malls etc.

Features

- Excellent speech intelligibility
- High quality speaker driver developed for BGM and paging applications
- Patented 3 way latching system reduces installation time.
- Fitted with 4 way wire protect terminal block for loop in, loop out wiring as required by Australian Standards.
- Fitted with supervisory capacitor for line monitoring.
- High impact enclosure & grille.
- Australian designed & assembled.
- 5 year warranty.

The Labour Saving One-Shot® Mounting System

Redback® "One-Shot®" speaker units install in seconds providing substantial labour cost savings for the professional installer compared to traditional mounting methods.

They simply snap fit to the outer mounting ring by means of the integral pressure clips. The snap clip material is formulated to retain long service life strength and spring action, ensuring a firm vibration free fit.

Speaker cable entry can be either from the rear, or via surface mounted conduit (four 19mm conduit knockouts are provided).

The neutral white RAL colour 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 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 critical for emergency paging applications.

Each transformer is fitted with multiple power settings which are user selectable via taps on the transformer.

Optional Conduit Mounting Plate



The C 0699A adaptor plate enables the speaker mounting rings to be fixed to a standard recessed conduit junction box without the need for drilling into the concrete slab, saving considerable installation time & hardware.

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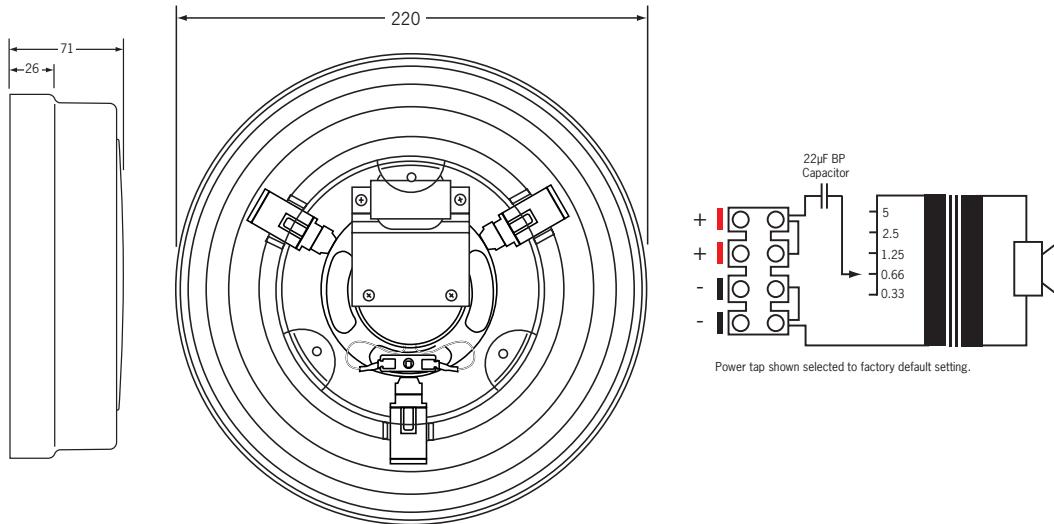
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Dimensions (mm) & Transformer Details



Specifications

Electrical

Power Taps	0.33, 0.66, 1.25, 2.5 5W
SPL 1W @ 1m	90dB @ 1kHz (+/- 2dB)
Frequency Response	100Hz-20kHz
Connection	4 way terminal block + 22uF bipolar capacitor

Mechanical

Enclosure Material	Talc filled polypropylene
Driver Construction	Paper twin cone
Enclosure Diameter	220Ømm
Depth	71mm
Overall Weight	900g
Colour	White

Environmental

Operating Temperature	-25°C to +55°C
Relative Humidity	<95%

Additional Installation Accessories

C 0699 Conduit Mounting Plate

Architectural Specifications

The surface mount speaker shall have a 100mm speaker driver which shall operate at 100V and have power taps of 5W, 2.5W, 1.25W, 0.66W and 0.33W. It shall have a 4 way wire protected terminal strip and be fitted with a 22uF bipolar capacitor for line monitoring. It shall have a SPL of 91dB (1W @ 1m). The speaker body shall be made of white talc filled polypropylene and shall be surface mounted with concealed fixings. The surface mounting ring shall be provided with side and rear knockouts for conduit entry. The speaker driver shall be attached to the grill which shall be snap-fit attached to the surface mount ring. The ceiling mount speaker shall be a Redback model C 0703A.