

Surface Mount Speakers

C 0720

Surface Mount 200mm (8") 100V 15W Ceiling Speaker White



Overview

This high power PA speaker is designed for BGM and paging installations requiring high SPL output. Each housing 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. Ideal for use in plant rooms, warehouses, shopping centres, malls etc.

Features

- High power 15W output for increased SPL
- Excellent speech intelligibility
- High quality speaker driver developed for BGM and 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 supervisory capacitor for line monitoring.
- High impact enclosure & grille.
- 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. The cable can be secured to the in-built restraint plate with 100mm cable ties.

Optional Conduit Mounting Plate

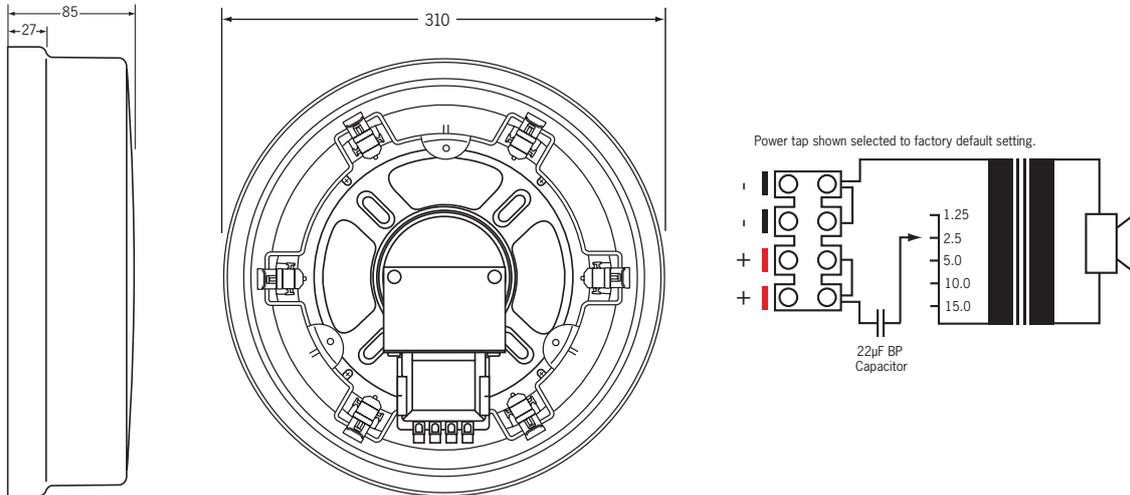


The C 0713 adaptor plate enables the C 0720 mounting rings to be fixed to a standard recessed conduit junction box without the need for drilling into the concrete slab, saving considerable installation time & hardware

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.

Dimensions (mm) & Transformer Details



Specifications

Electrical	
Power Taps	1.25, 2.5, 5, 10, 15W
SPL 1W @ 1m	95dB @ 1kHz (+/- 2dB)
Frequency Response	80Hz - 12kHz
Connection	4 way terminal block + 22uF bipolar capacitor
Mechanical	
Enclosure Material	High impact polystyrene
Driver Construction	Paper cone
Enclosure diameter	310mmØ
Depth	85mm
Overall weight	2kg
Colour	White
Environmental	
Operating Temperature	-15°C to +55°C
Relative humidity	<95%

Architectural Specifications

The surface mount speaker shall have a 200mm speaker driver which shall operate at 100V and have power taps of 15W, 10W, 5W, 2.5W and 1.25W. It shall have a SPL of 95dB (1W@1m). It shall have a 4 way wire protected terminal strip and be fitted with a 22uf bipolar capacitor for line monitoring. The speaker body shall be made of white high impact polystyrene 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 0720.