

Product Guide

C 0951A 20W 100V/4 Ohm IP66 Rated Sound Column Speaker

C 0957 40W 100V/8 Ohm IP66 Rated Sound Column Speaker



IP66 Rated Public Address Column Speakers

Key Features

- ✓ Durable extruded aluminium housing
- ✓ Attractive slimline construction
- ✓ Fitted with high performance drivers for exceptional speech intelligibility & music reproduction
- ✓ Suitable for accurate, "long throw" applications
- ✓ Water protected to IEC529 IP66, suitable for indoor and outdoor use
- ✓ Durable aluminium alloy multi bracket (tested up to 1500 kgf).
- ✓ Switched 24V DC output for Prebell, Bell, Standby, LockIn, LockOut & All Clear Triggers
- ✓ Screwdriver adjust power tap selector
- ✓ Available in White (RAL 9003)

Applications

These stylish, compact column speakers utilise multiple 3.5" (89mm) woofers and high power dome tweeters to produce superb clarity for both music and speech applications. Ideally suited for use in places of worship, lecture theatres, auditoriums, gymnasiums and school assembly areas. Their IP66 weatherproof construction makes them also suitable for installations in exposed areas, such as train platforms & pedestrian precincts. These Redback column speakers will provide excellent all-round performance while remaining architecturally unobtrusive.

Installation

The sound columns include a high grade multitap transformer allowing several power taps plus a low impedance setting. These are screwdriver selected from the rear panel.

A heavy duty, diecast aluminium mounting bracket is included. This allows both horizontal and vertical adjustment, ensuring sound is directed where needed.

About Redback® Speaker Drivers

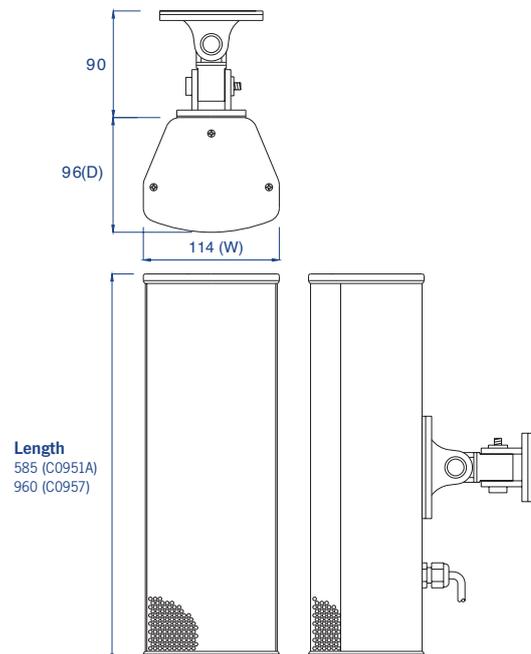
Each custom designed speaker and transformer combination has been specifically engineered to ensure a wide frequency range and dispersion angle, plus a high sound pressure level (SPL) ensuring excellent music and speech intelligibility; which is highly desirable for emergency paging applications. Redback® drivers exhibit optimum frequency response and efficiency for BGM, paging and EWIS 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 tapplings which are selected via a rotary switch.

Testing

Redback® drivers are subject to strenuous factory testing reducing the risk of unit failure or performance reduction over time. Each driver has a power rating well above the max tapping of the transformer, ensuring reliable operation and excellent longevity.



Dimensions



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Specifications

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Speakers:	4 x 89mm Woofer / 1 x 83mm Tweeter
Power taps:	5, 10, 20W, 4Ω
SPL 1W @ 1m:	92dB @ 1kHz (+/- 2dB)
Max SPL @ 1m:	105dB (+/- 2dB)
Frequency response:	120Hz - 20kHz
Dispersion 1kHz / 4kHz: Hor:	180°/90°, Vert: 45°/20°
Weight:	4kg
Dimensions:	585L x 114W x 96Dmm

C 0957

Speakers:	8 x 89mm Woofer / 1 x 83mm Tweeter
Power taps:	10, 20, 40W, 8Ω
SPL 1W @ 1m:	93dB @ 1kHz (+/- 2dB)
Max SPL @ 1m:	109dB (+/- 2dB)
Frequency response:	75Hz-15kHz
Dispersion 1kHz / 4kHz: Hor:	180°/90°, Vert: 30°/20°
Weight:	7.7kg
Dimensions:	960L x 114W x 96Dmm

Mechanical

Housing material:	Aluminium
Grille material:	Aluminium
Mounting bracket:	Aluminium, Stainless steel fixings
Protection:	IEC529, IP66 rated
Colour:	White (RAL9003)
Connection:	Multi-core cable

Environmental

Operating temperature:	-20°C to +60°C
Relative humidity:	< 95%

Architect Specifications

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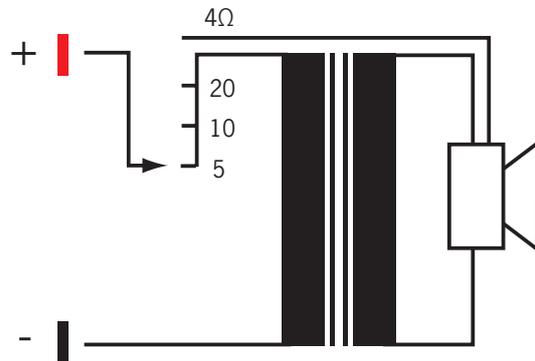
The column speaker shall have four 89mm woofers and one 83mm tweeter which shall operate at 100V and have power taps of 20W, 10W, 5W which shall be adjustable via rotary switch. It shall be also be fitted with a 4 ohm setting. It shall have a SPL of 92dB (1W@1m). The speaker shall have a frequency response of 120Hz to 20kHz. It shall connect by dual core double insulated cable. The speaker body shall be made of extruded aluminium, the speaker grille shall be made from aluminium mesh. The speaker shall have an IP rating of 66 and shall be suitable for outdoor installation. The speaker shall be supplied with aluminium mounting bracket with vertical and horizontal adjustment and supplied with stainless steel fixings. The speaker model shall be a Redback C 0951A.

C 0957

The column speaker shall have eight 89mm woofers and one 83mm tweeter which shall operate at 100V and have power taps of 40W, 20W, 10W which shall be adjustable via rotary switch. It shall be also be fitted with a 8 ohm setting. It shall have a SPL of 93dB (1W@1m). The speaker shall have a frequency response of 75Hz to 15kHz. It shall connect by dual core double insulated cable. The speaker body shall be made of extruded aluminium, the speaker grille shall be made from aluminium mesh. The speaker shall have an IP rating of 66 and shall be suitable for outdoor installation. The speaker shall be supplied with aluminium mounting bracket with vertical and horizontal adjustment and supplied with stainless steel fixings. The speaker model shall be a Redback C 0957.

Transformer Detail

C 0951A



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