REDBACK C 0951A IP66 Rated Public Address Column Speakers Owner's Manual

REDBACK C 0951A IP66 Rated Public Address Column Speakers

Product Guide

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

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

Contents

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
- Multi-core cable tap selection
- 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 selected by connecting the multi-core cabling to the appropriate colour for the desired wattage.

C 0951A: red: common, white: 20W, blue: 10W, yellow: 5W, green: positive 8 Ohm, brown: negative 8 Ohm.

C 0957A: red: common, white: 40W, blue: 20W, yellow: 10W, green: positive 8 Ohm, brown: negative 8 Ohm

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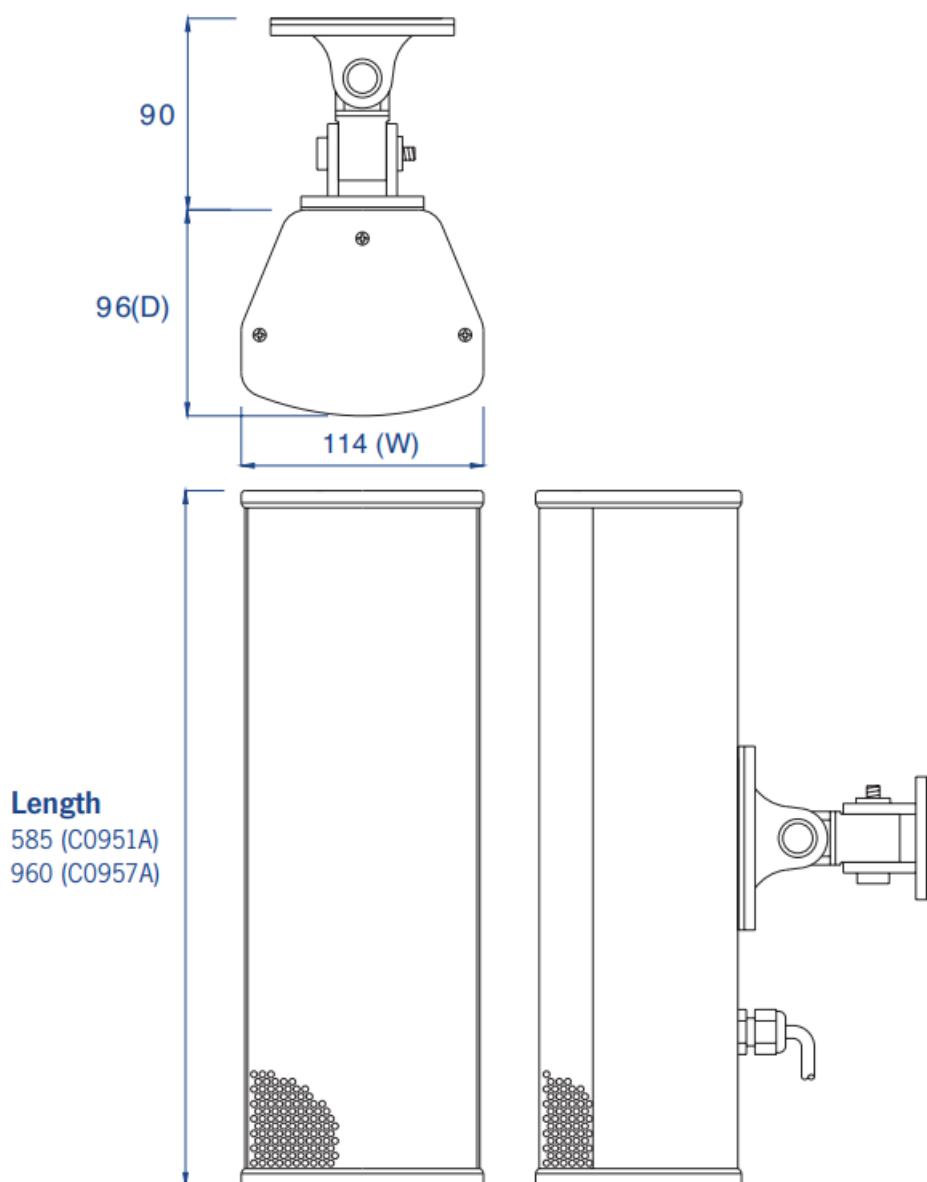
About Redback® Speaker Drivers

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.

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

Specifications

C 0951A

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 0957A

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

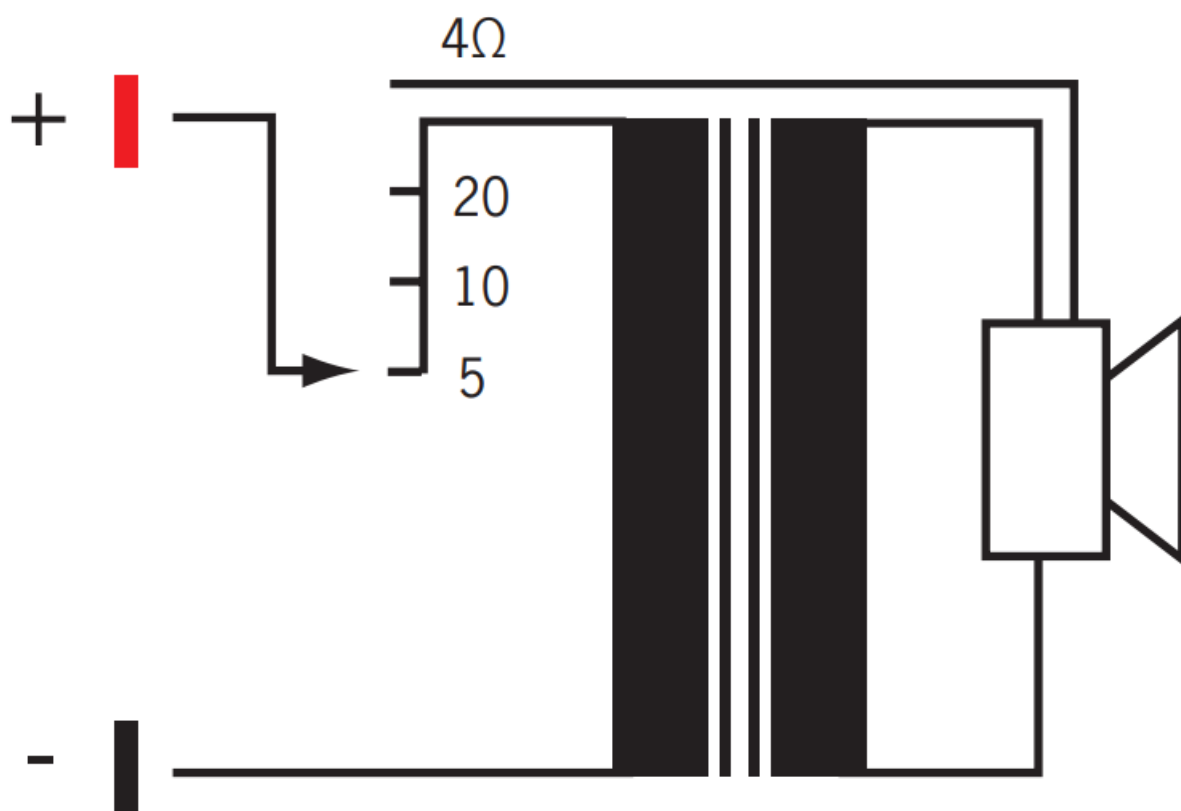**Mechanical**

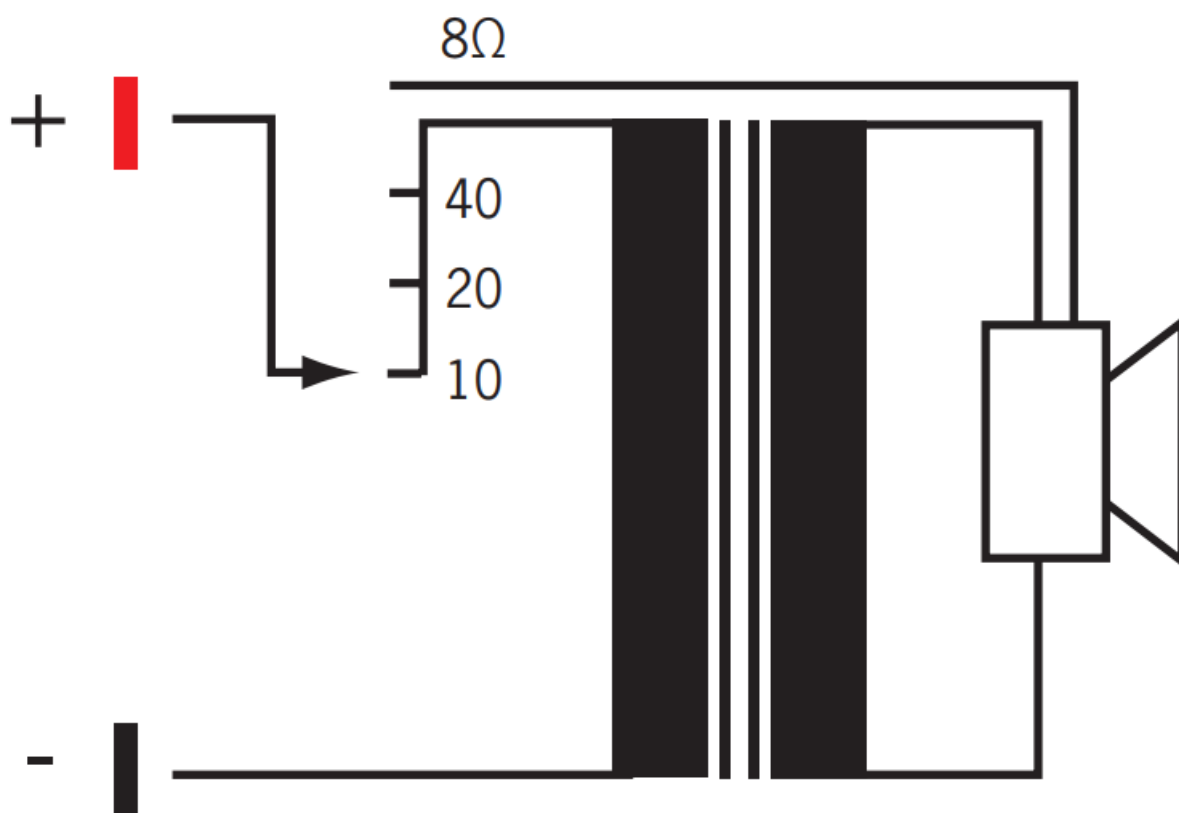|	
Housing material:	Aluminium
Grille material:	Aluminium
Mounting bracket:	Aluminium, Stainless steel fixings
Protection:	IEC529, IP66 rated
Colour:	White (RAL9003)
Connection:	Multi-core cable

Environmental

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

Transformer Detail

- **C 0951A**
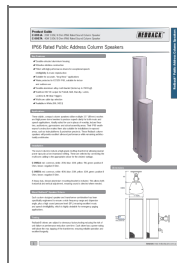
4Ω

\+

20

10

5

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- **C 0957A**

8Ω

\+

40

20

10

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Documents / Resources

REDBACK C 0951A IP66 Rated Public Address Column Speakers [pdf] Owner's Manual
C 0951A IP66 Rated Public Address Column Speakers, C 0951A, IP66 Rated Public Address
Column Speakers, Address Column Speakers, Column Speakers