

## Product Guide

**C 0946** 2-Way 130mm (5.25") 30W 100V/8 Ohm Wall Speakers White (pair)

**C 0948** 2-Way 130mm (5.25") 30W 100V/8 Ohm Wall Speakers Black (pair)



# 30W 100V/8 Ohm Wall Speakers

- ✓ Ideal for music sound reinforcement.
- ✓ Flexible 100V or 8 Ohm rotary switch selections.
- ✓ 2-way woofer & mylar dome tweeter combination for optimum frequency response and clarity.
- ✓ Stylish contoured profile with integrated adjustable mounting bracket.
- ✓ Suitable for sheltered outdoor installations.
- ✓ Grilles & brackets constructed from marine grade aluminium.
- ✓ Long lasting powdercoat finish on bracket.



## Application

These stylish wall speakers deliver high quality sound for music and sound reinforcement in both domestic and commercial installations. The 2 way 130mm (5.25") woofer and mylar dome tweeter combination employed offers excellent frequency response and clarity.

## Installation Guidelines

Each speaker is designed with a contoured enclosure providing a stylish finish to your installation. Thumbscrews allow easy adjustment once mounted to the wall.

Connection is via the recessed spring terminals. Power taps and 8 Ohm settings are easily selected via the inbuilt rotary switch.

Suitable for sheltered outdoor installations such as under eaves and patios (ie: not rain proof). Grilles and brackets are constructed from marine grade aluminium and painted with long lasting industrial strength powdercoat to withstand harsh marine or tropical environments.

## 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.

Redback® drivers exhibit optimum frequency response and efficiency for BGM and paging 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 tapings which are selected via rotary switch on rear of each speaker.

## 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.

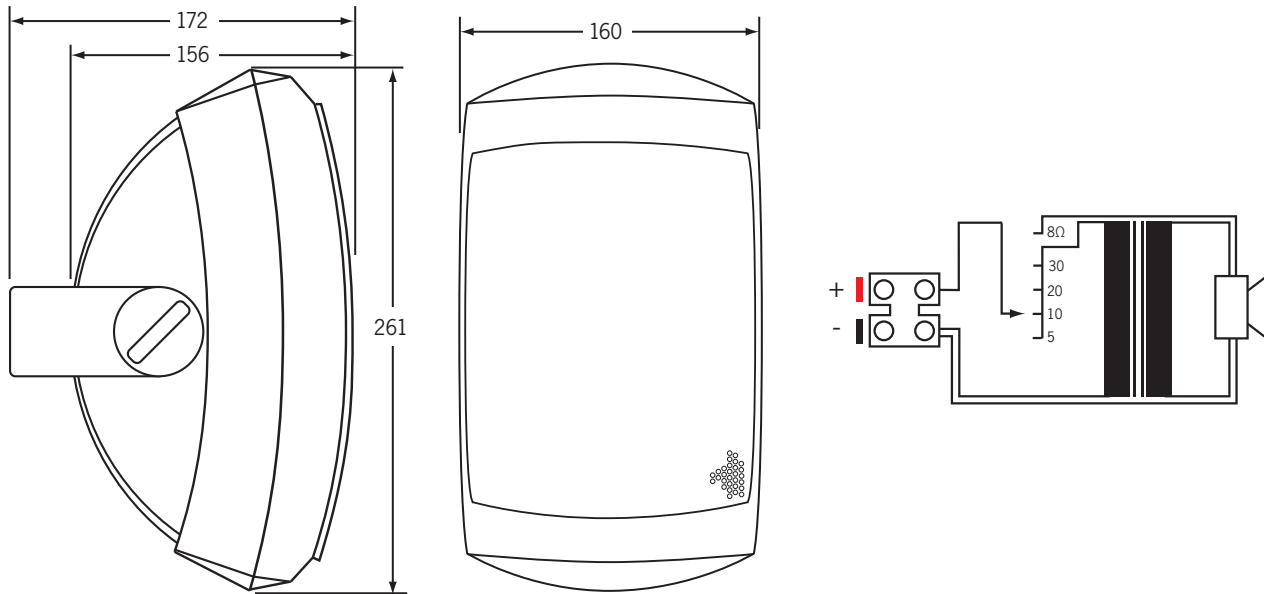
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### Dimensions & Transformer Detail



### Specifications

#### Electrical

100V Power taps:	5, 10, 20, 30W
Low impedance power taps:	8 Ohm (30W)
SPL 1W @ 1m:	88dB @ 1kHz (+/- 2dB)
Frequency response:	65Hz-22kHz
Connection:	Spring terminals

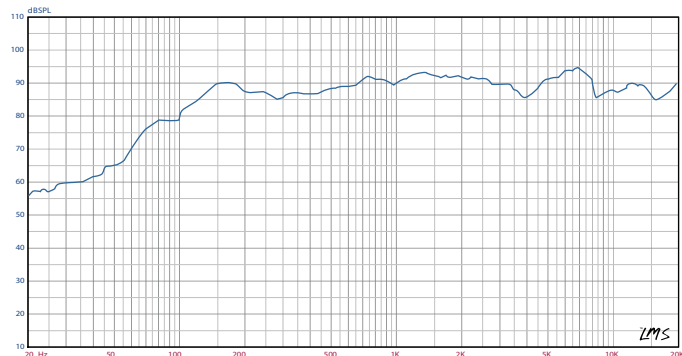
#### Mechanical

Grille material:	Aluminium mesh
Driver construction:	Polypropylene
Mounting depth (from wall surface):	172mm
Overall weight:	1.8kg ea

#### Environmental

Operating temperature:	-25°C to +55°C
Relative humidity:	< 95%

### Frequency Response (SPL 1W @ 1m)



### Architect Specifications

#### C 0946

The monitor speaker shall consist of a white enclosure incorporating a 5.25" bass driver and mylar dome tweeter. It shall have a 100V transformer with power taps of 30W, 20W, 10W and 5W. It shall also have a setting of 8 ohms with power handling of 30 Watts. It shall have a frequency response of 65Hz to 22 kHz and SPL of 88dB. Line connection shall be by spring terminals. Power setting shall be via an inbuilt rotary switch. Mounting bracket and perforated grill will be powder coated aluminium. The monitor speaker system shall be a REDBACK model C 0946.

#### C 0948

The monitor speaker shall consist of a black enclosure incorporating a 5.25" bass driver and mylar dome tweeter. It shall have a 100V transformer with power taps of 30W, 20W, 10W and 5W. It shall also have a setting of 8 ohms with power handling of 30 Watts. It shall have a frequency response of 65Hz to 22 kHz and SPL of 88dB. Line connection shall be by spring terminals. Power setting shall be via an inbuilt rotary switch. Mounting bracket and perforated grill will be powder coated aluminium. The monitor speaker system shall be a REDBACK model C 0948.