

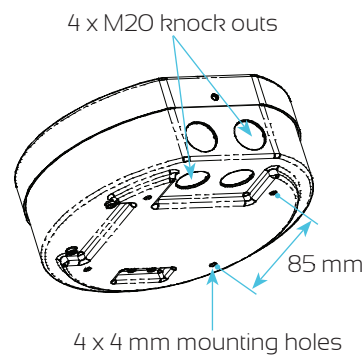
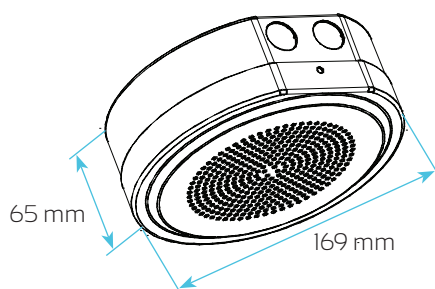


6W Cabinet

Loudspeaker for voice alarm systems

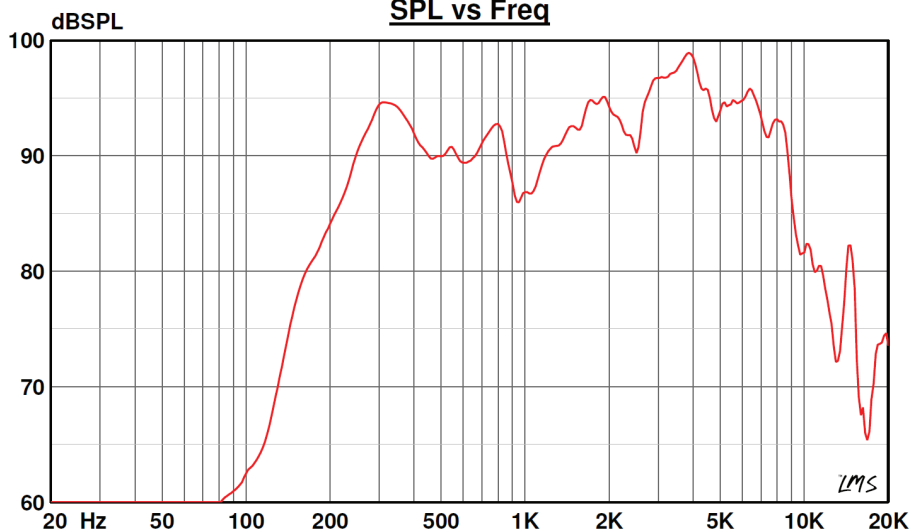
Our high quality **BS5839-8** compliant & **EN54-24** certified loudspeakers are powerful and completely reliable. We have options available for a wide range of industrial and commercial applications.

Delivered with a **fitted capacitor**, each loudspeaker is ready to be installed and is perfect for DC or end-of-line monitored systems.



Sound pressure levels at 1W/1m P-5/15 PS

SPL vs Freq



The S54-CAB-6W has been tested for 100 hours at maximum power (6W). The model does not deviate more than ± 3 dB from the original test value. The frequency response curve and impedance complies with the original.

All SPL tests have been performed in an anechoic chamber ($< 70\text{m}^3$).

**70/100V Combined Transformer
Primary Connections**

White : Green	70V
White : Red	100V

Secondary Nominal Tappings

C : 6.0 W	6.0 W	Imp 1500 Ohm
C : 3.0 W	3.0 W	Imp 3000 Ohm
C : 1.5 W	1.5 W	Imp 6000 Ohm
C : 0.5 W	0.5 W	Imp 12000 Ohm

Horizontal/vertical coverage angles $\pm 6\text{dB}$

1 Oct. pink noise	500 Hz	360°
1 Oct. pink noise	1 KHz	160°
1 Oct. pink noise	2 KHz	105°
1 Oct. pink noise	4 KHz	85°

CABINET Voice Alarm LOUDSPEAKER (S54-CAB-6W)

Meets ALL the relevant requirements of EN54 part 24 and BS5839 part 8.



BALDWIN BOX ALL
LEADING THE WAY TO SAFETY

Specifications acc. testing CNBOP	
Material / colour	Steel / Aluminium / RAL 9010
Mounting	4 screws
Termination	Ceramic terminal
Weight w/transformer	1.2 kg
IP rating	32C
Max. / min. ambient temperature	55°C to -10°C / 90°C to -20°C
Rated / max. power	6 W
Sensitivity 1W/4m	77 dB
SPL 6W/4m	84 dB
Frequency range	100 Hz - 13000 Hz
Measurement environment	Free-field

General

- Each loudspeaker comes with a capacitor fitted and is, therefore, ready for DC line monitored systems. Our loudspeakers are equally suitable for use with end-of-line monitoring as the capacitor does not affect efficiency or quality.
- Cable glanding is not supplied as this will need to be suitable for the type of cabling being used. The S54-CAB-6W has 2 x M20 knockouts on the top and 2 x M20 knockouts on the rear, therefore M20 glands and M20 back nuts are required.
- These loudspeakers come with a five year manufacturer warranty.

Installation, Operation and Maintenance Procedures

- Mount cabinet to wall/ceiling with four suitable screws.
- Connect cable to terminal and fasten front part to cabinet with two provided screws.
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- DO NOT open loudspeaker when powered.
- Loudspeaker line earthing: Ensure loudspeaker line shield continuity by using a suitable connector.



BALDWIN BOXALL
LEADING THE WAY TO SAFETY

Baldwin Boxall Communications Ltd
Wealden Industrial Estate, Farningham Road,
Crowborough, East Sussex, TN6 2JR, United Kingdom

T: +44 (0) 1892 664422 F: +44 (0) 1892 663146
E: mail@baldwinboxall.co.uk
W: www.baldwinboxall.co.uk