

The VBL 6" motorised bell has been designed to offer maximum performance combined with rapid installation and a sleek low profile appearance. The bell can be used for a wide range of applications including conventional fire alarm systems.

The bell is approved to EN54-3 with LPCB and CE marked.


**EN54 - 3**


- High efficiency low current consumption design.
- Terminals will accept 2.5mm cables.
- Simple installation via multi-fixing base plate for all types of location.
- Fitted with two series diodes for fault monitoring.
- Option of customized discs printed with company name and logo.



## TECHNICAL

voltage range	17 - 27 VDC
temperature range °C	-10 to +55
monitoring	reverse polarity
protection rating	IP21C
boxed weight	850g
body colours available	red
dimensions	152mm x 56mm (h)
movement	motor, pinion, and striker
movement features	DC motor, acetal gear wheel, steel striker
gong	steel, secured with philips screw
base plate	molded black polycarbonate
material	steel plate

## PERFORMANCE

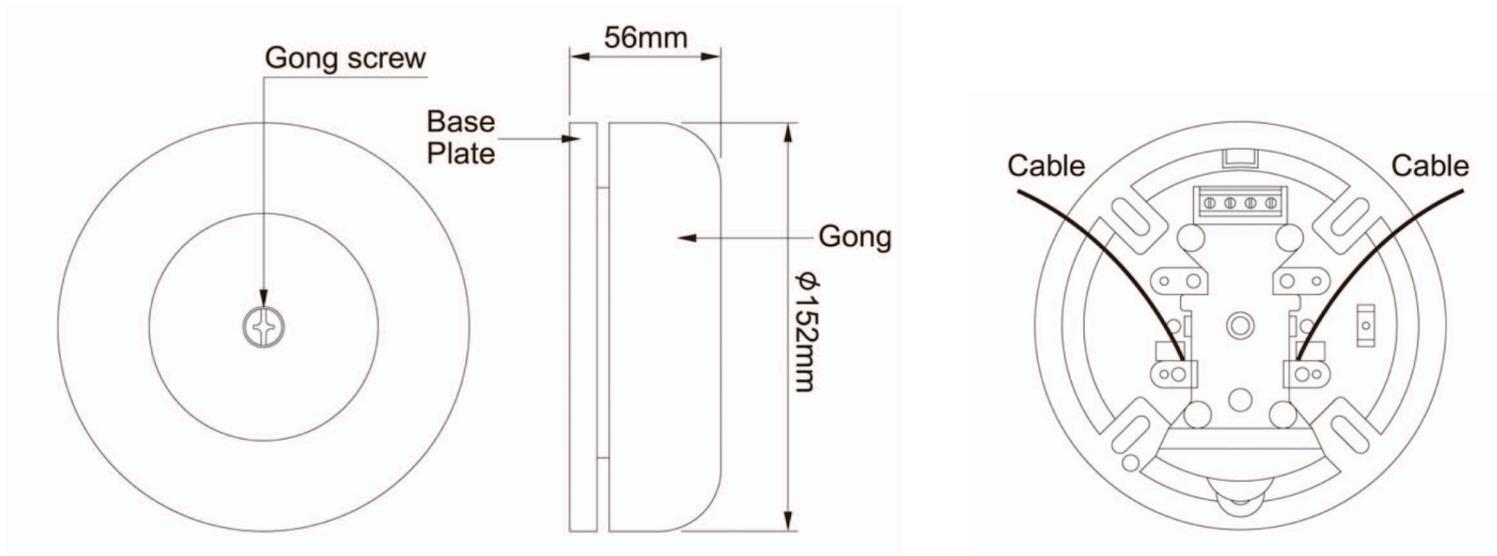
sound output, typical (dBA)	93
max current consumption @ 24Vdc (mA)	25
power consumption @24Vdc (mW)	600

## ORDERING INFORMATION

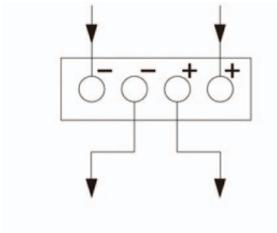
Red, 6" Bell	309-024
Grey, 6" Bell	309-025

**EN54-3**

1. Loosen the gong screw and remove gong for wiring



2. Connections



2. Specification

Diameter	Model	Voltage Range	Nominal Operation Current
6" (152mm)	AH-0218	19V ~27V	25mA

\* IP rating: IP21C

3. Refit gong (NB gong will only locate in correct position)
4. No adjustment of bell is required. For silent testing operate with the gong removed
5. **NB: Ensure that the gong screw is fully tightened on re-fitting. Failure to do so will result in reduced sound output**

Sound Output dB(A)				
Angle	Horizontal		Vertical	
	Min. 19V	Max. 27V	Min. 19V	Max. 27V
15°	93	97	90	95
45°	92	96	86	91
75°	80	86	80	86
105°	80	86	80	86
135°	90	96	88	94
165°	92	96	93	97