

INSTALLATION INFORMATION

PLEASE READ PRIOR TO INSTALLATION



AE40M Series

ACOUSTIC SIGNALLING DEVICE



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APPROVALS AND CONFORMITIES



General Installation Notes

- Installation must be carried out in accordance with the latest codes and regulations by a qualified electrician.
- Ensure power is disconnected prior to installation or maintenance to avoid danger of electrical shock.
- Environmental exposure conditions during installation should be dry. Moist or wet conditions should be avoided.
- Avoid mounting the Electronic Sounder where it will be subjected to excessive vibration.

Installation Instructions

- **Shallow Base:** Allows for 10mm aperture at the back of the base.
- **Deep Base:** Allows for 2 x M20 conduit knockout or 2 x 10mm apertures at the base.

1. For Shallow Base Installation

Remove the Pozidrive screw from the side of the Shallow Base. Whilst holding the unit securely with two hands, twist the Sounder head anti-clockwise to the Base to undo.

Secure the Base to the desired surface using the appropriate fixings (not supplied).

Pull through power and control cable and terminate to the Sounder head terminals (**See wiring diagrams 1 & 2**).

Re-assembly is the reverse of the above. Firstly ensuring the 'O' ring is in place on the Sounder spigot and aligning the bosses with the indents in the Base. Once mated, firmly twist the Sounder head clockwise to fix in place. Replace the Pozidrive screw.

2. For Deep Base Installation

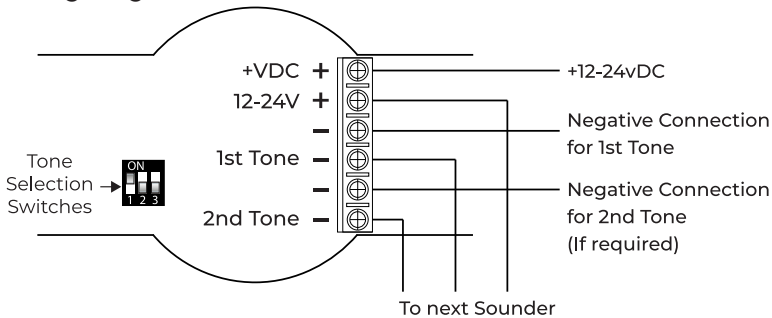
Drill out termination & fixing holes & locate onto the desired surface.

Pull through power & control cable using the appropriate cable glands (not supplied).

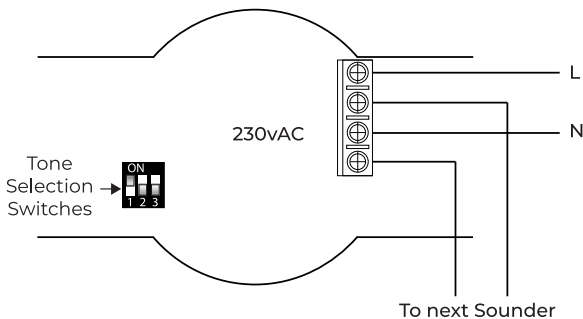
Re-assembly is the reverse of the above. Firstly ensuring the 'O' ring is in place on the Sounder spigot and aligning the bosses with the indents in the Base. Once mated, firmly twist the Sounder head clockwise to fix in place.

Nr	Code	Frequency	2nd Tone	Mod	Description	dB 24v	I _{max} 24v	dB 230v	I _{max} 230v	Tone
						dB (A)	mA	dB (A)	mA	
1	000	Sweeping 800 to 970	6	1Hz	Medium Sweep	105	26	100	100	
2	001	Continuous 2850	6	-	-	112	38	108	100	
3	010	Sweeping 2400 to 2850	2	7Hz	Fast Sweep	112	38	108	100	
4	011	Sweeping 500 to 1200	6	0.33Hz	Slow Whoop	104	26	104	100	
5	100	Sweeping 1200 to 500	6	1Hz	DIN Tone	104	26	104	100	
6	101	Continuous 970	6	-	-	102	26	100	100	
7	110	Intermittent tone 970	8	-	-	102	26	100	100	
8	111	Intermittent tone 2850	7	-	-	112	38	108	100	

Wiring Diagram



Wiring Diagram 1 (DC)



Wiring Diagram 2 (AC)

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