



Overview

The AE105, AE110, and AE120 'NEXUS' range of high-output electronic sounders is designed for a wide variety of industrial and fire signalling applications where a high level of versatility and performance is required.

The AE110 and AE120 models offer three-stage alarm functionality with sixty-four selectable tones, automatically synchronised across multiple units. Tone selection is easily configured internally via a six-way DIP switch.

The Nexus range features a 'first-fix' wiring design: all connections are made to the base during the initial installation phase, ensuring faster, cleaner, and more reliable wiring. The sounder head is then secured using four captive quarter-turn fasteners, enabling rapid assembly while providing precise seal compression for optimal weatherproofing.

With an IP66 rating as standard and five available cable entry options, Nexus sounders can be installed in almost any location and adapted to a wide range of industrial environments.

Features

- Continuously rated
- Flashing or Static
- 3 Stage Alarm
- Simple «First Fix» installation
- Synchronized alarm tones
- Volume control -20dB
- Available in 10-60VDC

Material

- Red Flame Retardant Polycarbonate

IP IP66

 LED 60 FPM

 Up to 120dB* (A) @1m

 64 Tones

 -25 to +65°C

*Dependent upon selected model

APPROVALS & CONFORMITIES

UK
CA

CE



RoHS



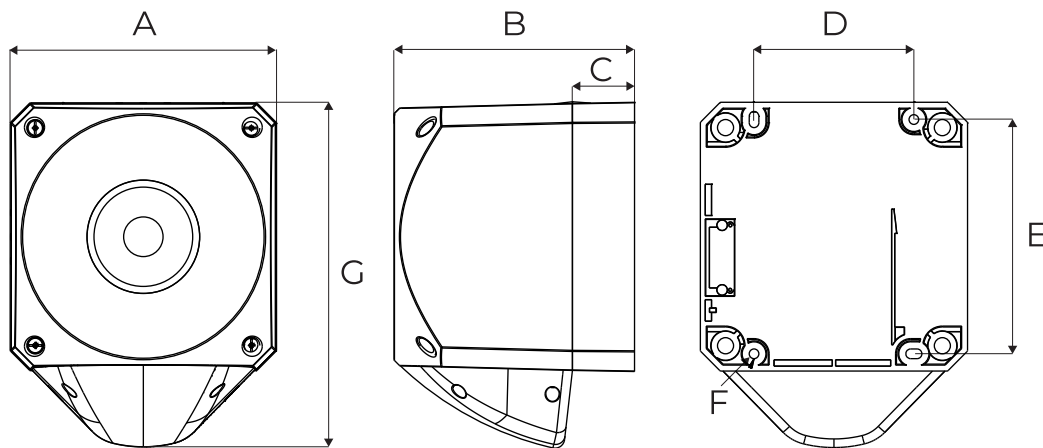
Ordering Information

Voltage	Ordering Information					Mode & Current Consumption*		
Voltage Range	Amber	Red	Blue	Green	Clear	dB	Sounder	Beacon
10-60VDC	AEL105-02MF-01	AEL105-02MF-02	AEL105-02MF-03	AEL105-02MF-04	AEL105-02MF-05	Up to 113dB	8-40mA	55mA
10-60VDC	AEL110-02MF-01	AEL110-02MF-02	AEL110-02MF-03	AEL110-02MF-04	AEL110-02MF-05	Up to 116dB	10-50mA	55mA
10-60VDC	AEL120-02MF-01	AEL120-02MF-02	AEL120-02MF-03	AEL120-02MF-04	AEL120-02MF-05	Up to 120dB	120-550mA	55mA

*Current consumption is dependent on the Tone selected

Weights & Dimensional Drawings

Kg	AEL105	AEL110	AEL120
Net Weight	0.800	1.200	2.000



Dimensions (mm)*		
REF	AEL105	AEL110 & 120
A	136.2	166.3
B	124.5	149.5
C	35	38.6
D	76.5	99.5
E	118	145
F	5	6
G	173	213.5

*Note: Details of the diagram shown above are for AEL110/120.

APPROVALS & CONFORMITIES

