Technical Datasheet

Fire-Cryer® Plus - EN 54-3 Approved Voice Sounders

The Fire-Cryer® Plus requires no special wiring and can be retrofitted to existing installations. They are fully synchronised and have an exceptionally low current consumption. The units can be use as a replacement for electronic sounders or bells to broadcast a clear message for any situation - evacuation, chemical spills, access message, security or general information.

Where staged alarm or phased evacuation is required the addition of the FC3/MMSP interface allows up to 7 different messages to be broadcast across multiple zones on just 2 wires.

The strobe is not intended to be the primary source of alarm and a such has not been assessed for compliance to EN 54-23.

Features

- Sound output - 100 dB(A)
- Optional integral strobe - red lens with red LED or clear lens with dual white and amber LEDs
- Low current - average 20 mA
- No special wiring, easily retro-fitted
- Fully synchronised over multi-zones
- Deep base version available to IP66
- 7 user-definable messages from a library of hundreds
- Approved to EN 54-3

Part Numbers

FC3/A/R/0/S:	Red, Standard Base
FC3/A/R/0/D:	Red, Deep Base IP66
FC3/A/W/0/S:	White, Standard Base
FC3/A/W/0/D:	White, Deep Base IP66
FC3/A/R/R/S:	Red with Red Beacon, Standard Base
FC3/A/R/R/D:	Red with Red Beacon, Deep Base IP66
FC3/A/W/R/S:	White with Red Beacon, Standard Base
FC3/A/W/R/D:	White with Red Beacon, Deep Base IP66

Specification

Operating Voltage:	20-28 V dc
Current @ 24 V dc Peak/Avg - Sounder only:	27/20 mA
Current @ 24 V dc Typical: Sounder with low current strobe:	33/26 mA
Current @ 24 V dc Typical: Sounder with high current strobe:	52/60 mA
Current @ 24 V dc Low current strobe only:	13 mA
Current @ 24 V dc High current strobe only:	32 mA
Strobe Output (Low)	2 Cd
Strobe Output (High)	6 Cd
Effective Sound Output (Typical):	
- Alert Fast Sweep tone to BS5839	100 dB(A)
- Voice	95 dB(A)
Volume Adjustment from minimum output to maximum output -18dB(A):	82 to 100 dB(A)
Weatherproofing (IP66 requires Deep Base):	IP45 or IP66
Housing Material	ABS
Temperature Range	-25 °C to +70 °C
Colour	Red or White
Connections	Screw TB 1.5mm²

Accessories

FC3/MMSP:	Multi Message Switching PCB
FC3/ZEP:	Zone Extension PCB (Can only to be used with FC3/MMSP)
FC3/EP2:	Extinguishant Interface for use with Sigma XT Panels
VMC/02/01/05:	Voice Message Controller(Metal Enclosure c/w FC3/MMSP+FC3/ZEP+5.25A PSU)
VMC/02/02/02:	Voice Message Controller (Metal Enclosure c/w FC3/MMSP+2.5A PSU)

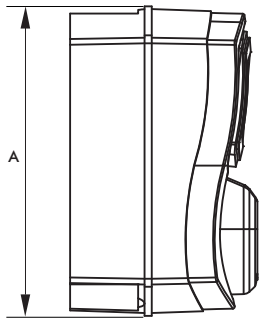
FIRE CRYER® PLUS

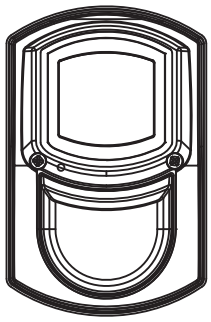
VIMPEX
Shaping Alarm Technology

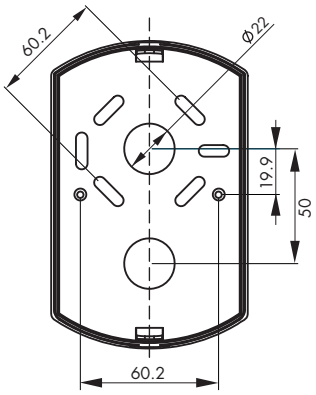
Installation

Drawings show unit with strobe and deep base fitted.

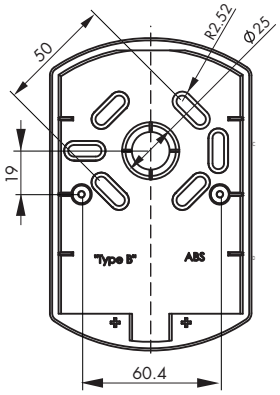
Dimensions (mm)





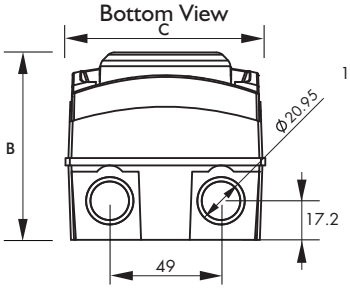


Standard Base Fixings

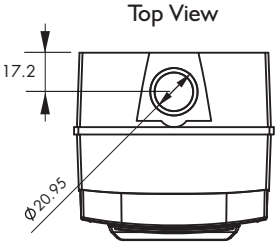


Deep Base Fixings

Bottom View

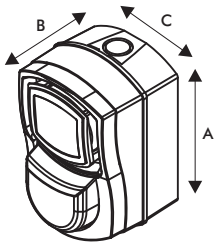


Top View



Overall Dimensions

	Standard Base	Standard Base + Strobe	Deep Base	Deep Base + Strobe
A	134.0	134.0	136.5	136.5
B	56.9	59.9	79.6	82.6
C	85.6	85.6	88.0	88.0



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Fire Industry Association

VIMPEX
Shaping Alarm Technology

DS/FCPLUS-TD/ISS 1

We reserve the right to change or amend any design or specification in line with our policy of continuing development and improvement.