



Cranford Controls' VocAlarm™ Voice Enhanced Sounders and Sounder Beacons

The VocAlarm™ family of voice enhanced sounders has been designed to provide a cost effective and simple solution where the reassurance of a voice message is required.

Each alarm device offers the ability to select from 32 electronic tones and high quality digitised speech messages. The messages and tones are stored on a factory programmed micro SD card, which is securely integrated as part of the electronic circuit.

All 32 tones and warning messages are fully synchronised and have been selected to comply with the latest sound patterns and frequencies used throughout the world.

VocAlarm™ Sounders have the option of an override or second tone and message, offering a two stage alarm. This facility requires the installation of a third wire from the fire alarm panel to each device. The second stage message and tone is linked to the first stage message and tone according to the DIL switch settings.

Designed using the same body style as the Vantage sounder (VTG) and sounder/beacon (VTB) ranges, the VocAlarm™ products extend the already popular family of Cranford Controls' conventional warning devices. Available in red or white body colours, with either a shallow base for internal applications or a deep base for an enhanced IP rating, the VocAlarm™ sounders and sounder/beacons offers a flexible option to voice enhanced sounder installations. In addition, the VocAlarm™ is also available in the Verso style (VSO) platform sounder base and the (VSL) platform sounder/beacon base, increasing flexibility to the alarm system installer.



Features and benefits:

- 32 tones and messages with a second stage alarm option available, offering on site flexibility and compatibility with existing warning tones.
- Available as a sounder, sounder/beacon and base platform sounder and sounder beacon.
- Mounting options include a shallow base for internal installations and a deep base variant for enhanced IP rating, for a wide range of installation applications.
- Fully synchronised messages and tones for clear and concise evacuation instructions.
- Customised messages, including language options are available.
- Designed for use on conventional fire alarm systems and can be installed on existing sounder circuit cabling.
- All devices comply with EN54-3 design standard for sounders and voice enhanced sounders.
- Aesthetic design based on the 'well proven' Vantage sounder (VTG), Vantage sounder/beacon (VTB) and Verso (VSL & VSO) platform sounders and sounder/beacons, allowing for a familiar appearance to all devices installed on site.
- Electrically and mechanically inter-changeable with existing Cranford sounders and beacon products, allowing up-grade opportunities for existing systems.

TECHNICAL

voltage range (Vdc)	18 - 30
number of tones	32 message options available
operating frequency (Hz)	440 - 2900Hz
temperature range (°C)	-20 to +70
monitoring	reverse polarity
protection rating	IP21 - IP65
boxed weight (kg)	Shallow based products: 0.22kgs Deep based products: 0.25kgs VSO: 0.15kgs VSL: 018kgs
body colours available	red or white (ABS fire retardant plastic)

PERFORMANCE

message sound output (dBA)	97
sound output, typical (dBA)	100
max. current consumption @ 24Vdc (mA)	40mA dependant on message
power consumption @ 24Vdc (mW)	960mW dependant on message

