

Malux


COOPER

Industrial Signals
& Alarms



Fulleon | MEDC | Wheelock



Introduction

This catalogue brings together the industrial and commercial products designed and manufactured by the Cooper Signals and Alarms companies: **Fulleon, MEDC and Wheelock**



Key

Dimensions in millimeters (mm)

H	Height	L	Length
W	Width	or	
Ø	Diameter	D	Depth

The decibel (dB) output is shown for the (A) scale; dB(A) and is measured at 1m.

The decibel rating is based on the upper figure of a +/- 3 dB result using a particular tone (eg. 107 +/- 3 dB(A) is shown as 110 dB(A))

Materials abbreviations:

ABS Acrylonitrile butadiene styrene

PC Polycarbonate

GRP Glass reinforced polyester

The offering includes Sounders, Beacons, Speakers, Call Points and Sounder / Beacon Combination units in heavy and medium duty designs, generally with high ingress protection (I.P.) ratings. Certification includes a wide range of European and North American listings, including some Hazardous Location (EX) approvals.

The complete ranges of Fulleon, MEDC and Wheelock products, including a full selection of EX and Fire signal and alarm devices may be found at the respective websites:

www.fulleon.com (UK)

www.medc.com (UK and US)

www.cooperwheelock.com (US)

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Each product is available in a standard version, generally held in stock in both the UK and US, or on a short lead time. Alternative versions may be ordered with a variety of options including body or (where applicable) lens colours, voltages and outputs. These variations may be on longer lead times.

Audible Warning

The Alarms offering includes a range of Sounders that feature a variety of tone settings, voice messaging or traditional bells. These may be used to warn of potentially dangerous situations or relay instructions. The alarms may operate as stand-alone units or be incorporated into a hazard warning system, etc. A wide variety of sound output levels and other options, to suit most situations are available.

Sound output in dB(A) is measured to European standards at 1 metre.



Asserta Maxi Sounder

Standard Version

Code: AS/X/S/024/G/125

Main options available:

Red body
Voice message
Swivel mount bracket
115 to 230 Volt ac

Key features	Very high output sounder
Output	125 dB(A)
Ingress protection	IP66
Operating temperature	-25°C to +70°C
Main body material	ABS
Standard colour	Grey body
Dimensions / weight	H168 x W168 x D155mm / 1.6kg
Number of tones	42
Standard voltage	24 Volt dc (18 to 30 Volt dc)



Asserta Sounder

Standard Version

Code: AS/S/024/R/120

Main options available:

110 dB(A) version
Grey body
Voice message
Swivel mount bracket
115 to 230 Volt ac

Key features	High output sounder
Output	120 dB(A)
Ingress protection	IP66
Operating temperature	-25°C to +70°C
Main body material	ABS
Standard colour	Red body
Dimensions / weight	H168 x W168 x D155mm / 1.6kg
Number of tones	42
Standard voltage	24 Volt dc (18 to 30 Volt dc)



Asserta Midi Sounder

Standard Version

Code: AS/M/S/9-60/G

Main options available:

Red body
115 to 230 Volt ac
24 Volt ac (18 to 30 Volt dc)

Key features	Medium output sounder
Output	110 dB(A)
Ingress protection	IP66
Operating temperature	-25°C to +70°C
Main body material	PC / ABS
Standard colour	Grey body
Dimensions / weight	H136 x W165 x D132mm / 0.8kg
Number of tones	32
Standard voltage	24 Volt dc (9 to 60 Volt dc)



DB12 Sounder



Key features	Harsh environment sounder
Output	110 dB(A)
Ingress protection	IP66 and IP67
Operating temperature	-55°C to +70°C
Main body material	Corrosion free GRP
Standard colour	Red body
Dimensions / weight	L120 x Ø140mm / 1.0kg
Number of tones	27 (with 2 stage tone switching)
Number of entries	3 x M20 (via knockouts)
Standard voltage	24 Volt dc

Standard Version

Code: PX808001

Main options available:

Without 2 stage tone switching
 Tag and duty labels
 12 Volt dc
 110 to 240 Volt ac
 (2 stage tone switching: dc only)

DB3 Sounder



	Key features	Hazardous area sounder
	Output	118 dB(A)
	Approvals	Ex: ATEX Exd
	Ingress protection	IP66 and IP67
	Operating temperature	-20°C to +70°C
	Main body material	Corrosion-free GRP
	Standard colour	Red body
	Dimensions / weight	L271 x Ø170mm / 4.6kg
	Number of tones	27
	Number of entries	2 x M20 (20mm) 1 plugged
	Standard voltage	24 Volt dc (12 to 48 Volt dc)

Standard Version

Code: PX803125

Main options available:

2 stage tone switching (dc only)
 Natural black body
 Exde, cUL, GOST versions
 Tag and duty labels
 End of line resistor
 110 or 240 Volt ac

DB15 Sounder



Key features	Heavy duty sounder
Output	117 dB(A)
Ingress protection	IP66 and IP67
Operating temperature	-55°C to +70°C
Main body material	Corrosion-free GRP
Standard colour	Natural Grey body
Dimensions / weight	L245 x Ø163mm / 2.6kg
Number of tones	27 (with 2 stage tone switching)
Number of entries	2 x M20 (20mm) 1 plugged
Standard voltage	24 Volt dc (24 to 48 Volt dc)

Standard Version

Code: PX808110

Main options available:

Without 2 stage tone switching
 Red body
 Tag and duty labels
 End of line resistor
 110 or 240 Volt ac
 (2 stage tone switching: dc only)

Asserta Mini Sounder

Standard Version
Code: AS/N/S/9-60/R

Main options available:
Grey body
115 to 230 Volt ac

Key features	Compact sounder
Output	107 dB(A)
Ingress protection	IP66
Operating temperature	-20°C to +70°C
Main body material	ABS
Standard colour	Red body
Dimensions / weight	H106 x W106 x D120mm / 0.6kg
Number of tones	32
Standard voltage	24 Volt dc (9 to 60 Volt dc)

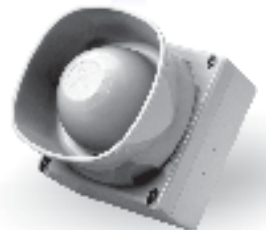


Symphoni HO IP Sounder

Standard Version
Code: SY/IP/HO/W

Main options available:
Red body

Key features	High output compact sounder
Output	120 dB(A)
Approvals	EN54-3
Ingress protection	IP66
Operating temperature	-25°C to +70°C
Main body material	ABS
Standard colour	White body
Dimensions / weight	H110 x W110 x D105mm / 0.68kg
Number of tones	32
Standard voltage	24 Volt dc (9 to 28 Volt dc)



Askari Sounder

Standard Version
Code: AP/W/VC/SW

Main options available:
Red body
Flange mount Ø50 x D43mm

Key features	Panel mount sounder
Output	92 dB(A)
Ingress protection	IP65
Operating temperature	-25°C to +70°C
Main body material	ABS
Standard colour	White body
Dimensions / weight	Ø50 x D45mm / 0.9kg (panel)
Number of tones	32
Standard voltage	24 Volt dc (9 to 28 Volt dc)





Roshni LP Maxi Sounder

Key features	General purpose sounder
Approvals	EN54-3
Output	105 dB(A)
Ingress protection	IP65
Operating temperature	-25°C to +70°C
Main body material	ABS
Standard colour	Red body
Dimensions / weight	Ø93 x D93mm / 0.24kg
Number of tones	32
Standard voltage	24 Volt dc (9 to 28 Volt dc)

Standard Version

Code: ROLPX/R/D

Main options available:

White body
Shallow base (63mm)
Powered base 110 to 230 Volt ac



Roshni LP Sounder

Key features	General purpose sounder
Approvals	LPCB, Vds & UL
Output	102 dB(A)
Ingress protection	IP65
Operating temperature	-25°C to +70°C
Main body material	ABS
Standard colour	White body
Dimensions / weight	Ø93 x D93mm / 0.24kg
Number of tones	32
Standard voltage	24 Volt dc (9 to 28 Volt dc)

Standard Version

Code: ROLP/W/D

Main options available:

Red body
Shallow base (63mm)
Powered base 110 to 230 Volt ac



Clarifire Voice Sounder

Key features	Voice message sounder
Output	100 dB(A) (message)
Ingress protection	IP65
Operating temperature	-10°C to +55°C
Main body material	ABS
Standard colour	Red body
Dimensions / weight	Ø95 x D113mm / 0.3kg
Number of messages	1
Standard voltage	24 Volt dc (18 to 30 Volt dc)

Standard Version

Code: CLA/1/R/D/001/V1

Main options available:

White body
4 message system version
Extensive message library
Shallow base (83mm)
Powered base 110 to 230 Volt ac



MT Sounder

Standard Version

Code: 5023

Main options available:

White body

Range of mounting-options

Back box

Semi-flush plate

Key features	Flush-mounted sounder
Output	109 dB(A)
Approvals	UL, ULC, FM, CSFM, MEA, BFP
Ingress protection	Indoor use
Operating temperature	-40°C to +66°C
Main body material	ABS
Standard colour	Red body
Dimensions / weight	H131 x W131 x D56mm / 0.45kg
Number of tones	8
Standard voltage	12 to 24 Volt dc



AMT Sounder

Standard Version

Code: 5893

Main options available:

Red body

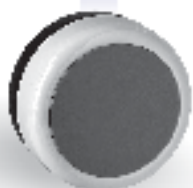
Range of mounting-options

Back box

Semi-flush plate

Key features	3 tone prioritised sounder
Output	107 dB(A)
Approvals	UL, ULC, FCC, FM, CSFM, MEA, BFP
Ingress protection	Indoor use
Operating temperature	-40°C to +66°C
Main body material	ABS
Standard colour	White body
Dimensions / weight	H130 x W130 x D56mm / 0.45kg
Number of tones	8
Standard voltage	12 to 24 Volt dc





FB Bell

Key features	Electronic solenoid bell
Output	95 dB(A)
Approvals	EN54-3
Ingress protection	IP55
Operating temperature	-25°C to +70°C
Main body material	Steel gong, PC base
Standard colour	Grey body
Dimensions / weight	Ø155 x D85mm / 1.1kg
Standard voltage	24 Volt dc (18 to 30 Volt dc)

Standard Version

Code: FB/024/G/WP

Main options available:

Red body
240 Volt ac (200 to 250 Volt ac)



MB Bell

Key features	Traditional mechanical bell
Output	102 dB(A)
Approvals	UL, ULC, FM, CSFM, MEA, BFP
Ingress protection	Weatherproof
Operating temperature	-25°C to +70°C
Main body material	Die-cast alloy
Standard colour	Grey body
Dimensions / weight	Ø152 x D60mm / 0.9kg
Standard voltage	24 Volt dc

Standard Version

Code: 4222

Main options available:

Red body
Ø254mm version
115 Volt ac (model 43T)



DB6 Bell

	Key features	Hazardous area bell
	Output	101 dB(A)
	Approvals	Ex: ATEX Exd
	Ingress protection	IP65
	Operating temperature	-20°C to +55°C
	Main body material	Cast iron
	Standard colour	Red body
	Dimensions / weight	H426 x W195 x D85mm / 11.0 kg
	Standard voltage	24 Volt dc

Standard Version

Code: PX806003

Main options available:

Grey body
240 Volt ac (109 dBA)

The Signals offering includes a range of flashing beacons, steady-state indicators and rotating units. These may be used to warn of potential hazards or indicate the status of plant items, doors, etc. The signals may operate as stand-alone units or be incorporated into a wider system, such as a fire panel.

A wide variety of output values, lens colours and other options are available to suit most requirements.



XB12W Beacon



Key features	Large powerful xenon beacon
Output	21 Joule @1Hz
Ingress protection	IP66 and 67
Operating temperature	-55°C to +70°C
Material	GRP body, glass lens, wire guard
Standard colour	Red body, red lens
Dimensions / weight	H307 x Ø242mm / 7.0kg
Number of entries	2 x M20 (20mm)
Standard voltage	24 Volt dc

Standard Version

Code: PX812105

Main options available:

Natural black body
Amber or clear lens
tag and duty labels
110 or 240 Volt ac
Without lens guard

XB15 Beacon



	Key features	Hazardous area xenon beacon
	Output	15 Joule @1Hz
	Approvals	Ex: ATEX Exd
	Ingress protection	IP66 and 67
	Operating temperature	-55°C to +70°C
	Material	GRP body, glass lens, wire guard
	Standard colour	Natural black body, amber lens
	Dimensions / weight	H239 x Ø147mm / 3.0kg
	Number of entries	2 x M20 (20mm)
	Standard voltage	24 Volt dc

Standard Version

Code: PX817101

Main options available:

Red body
Red or clear lens
cUL pipe mount version
Tag and duty labels
110 or 240 Volt ac
Without lens guard

XB10W Beacon



Key features	Vertical-mount xenon beacon
Output	15 Joule @1Hz
Ingress protection	IP66 and 67
Operating temperature	-55°C to +40°C
Material	GRP body, glass lens, wire guard
Standard colour	Natural black body, red lens
Dimensions / weight	H299 (+95 bracket) x Ø122mm / 2.8kg
Number of entries	2 x M20 (20mm)
Standard voltage	24 Volt dc

Standard Version

Code: PX818101

Main options available:

10 Joule version
Red body
Amber or clear lens
Tag and duty labels
110 or 240 Volt ac



XB11W Beacon

Standard Version

Code: PX811105

Main options available:

Red body
Amber or clear lens
Tag and duty labels
110 or 240 Volt ac
Without lens guard

Key features	Compact xenon beacon
Output	5 Joule @1Hz
Ingress protection	IP66 and 67
Operating temperature	-55°C to +70°C
Material	GRP body, glass lens, wire guard
Standard colour	Natural black body, red lens
Dimensions / weight	H205 x Ø167mm / 2.5kg
Number of entries	2 x M20 (20mm)
Standard voltage	24 Volt dc



XB13 Beacon

Standard Version

Code: PX813105

Main options available:

Amber or clear lens
Tag and duty labels
115 or 230 Volt ac
Without lens guard

Key features	Medium-weight xenon beacon
Output	10 Joule @1Hz
Ingress protection	IP66 and 67
Operating temperature	-55°C to +70°C
Material	GRP body, PC lens, wire guard
Standard colour	Red body, red lens
Dimensions / weight	H212 x Ø140mm / 1.1kg
Number of entries	3 x M20 (via knockouts)
Standard voltage	24 Volt dc



XB16W Beacon

Standard Version

Code: PX819101

Main options available:

Red body
Amber or clear lens
Tag and duty labels
110 or 240 Volt ac
Without lens guard

Key features	Pipe-mount xenon beacon
Output	10 Joule @1Hz
Ingress protection	IP66 and 67
Operating temperature	-55°C to +70°C
Material	GRP body, PC lens, wire guard
Standard colour	Natural black body, red lens
Dimensions / weight	H217 x Ø140mm / 1.0kg
Number of entries	1 x 3/4" NPT pipe mount
Standard voltage	24 Volt dc



XB9W Beacon



Key features	Vertical-mount xenon beacon
Output	5 Joule @1Hz
Ingress protection	IP66 and 67
Operating temperature	-55°C to +55°C
Material	GRP body, glass lens, wire guard
Standard colour	Natural black body, red lens
Dimensions / weight	H273 (+82 bracket) x Ø81mm / 1.6kg
Number of entries	1 x M20 (20mm)
Standard voltage	24 Volt dc

Standard Version

Code: PX819109

Main options available:

Red body
Amber or clear lens
Tag and duty labels
110 or 240 Volt ac

WB Double Flash Beacon



Key features	High visibility xenon beacon
Output	10 + 5 Joule flashes @1Hz
Ingress protection	IP65
Operating temperature	-30°C to +50°C
Material	PC/ABS body, PC lens
Standard colour	Black body, amber lens
Dimensions / weight	H220 x Ø142mm / 0.47kg
Number of entries	1
Standard voltage	24 Volt dc

Standard Version

Code: WB/XD/A/024

Main options available:

Red lens
Lens guard
Mounting bracket
230 Volt ac

WB Single Flash Beacon



Key features	General purpose xenon beacon
Output	5 Joule @1Hz
Ingress protection	IP65
Operating temperature	-20°C to +50°C
Material	PC/ABS Body, PC lens
Standard colour	Black body, amber lens
Dimensions / weight	H139 x Ø100mm / 0.22kg
Number of entries	1
Standard voltage	24 Volt dc

Standard Version

Code: WB/XS/A/024

Main options available:

Red or clear lens
Flashing LED version
Lens guard
Mounting bracket
230 Volt ac



WB Multifunction Beacon

Standard Version

Code: WB/L/R/024/SPR

Main options available:

Amber, green or blue lens
Lens guard
Mounting bracket
230 Volt ac, steady-state only

Key features	Multifunction LED beacon
Output	Steady-state, blinking or rotating
Ingress protection	IP65
Operating temperature	-20°C to +50°C
Material	PC/ABS body, PC lens
Standard colour	Black body, red lens
Dimensions / weight	H139 x Ø100mm / 0.22kg
Number of entries	1
Standard voltage	24 Volt dc



WB Steady-State Beacon

Standard Version

Code: WB66/L/S/A/024AC/DC

Main options available:

Red, clear, green or blue lens
230 Volt ac

Key features	Compact LED beacon
Output	Steady-state LED
Ingress protection	IP65
Operating temperature	-20°C to +50°C
Material	GRP Body, PC lens
Standard colour	Black body, amber lens
Dimensions / weight	H82 x Ø57mm / 0.07kg
Number of entries	1
Standard voltage	24 Volt dc / 24 Volt ac



WB Rotating Mirror Beacon

Standard Version

Code: WB/RM/A/024

Main options available:

Red, green or blue lens
Lens guard
Mounting bracket
230 Volt ac

Key features	Rotating halogen beacon
Output	35 Watts, 180 rpm
Ingress protection	IP65
Operating temperature	-30°C to +50°C
Material	PC/ABS body, PC lens
Standard colour	Black body, amber lens
Dimensions / weight	H220 x Ø142mm / 0.67kg
Number of entries	1
Standard voltage	24 Volt dc / 24 Volt ac



Asserta Beacon



Key features	High output xenon beacon
Output	3.5 Joule @1Hz
Ingress protection	IP66
Operating temperature	-20°C to +70°C
Material	PC/ABS body, PC lens
Standard colour	Red body, red lens
Dimensions / weight	H101 x W137 x D84mm / 0.3kg
Number of entries	1
Standard voltage	24 Volt dc (18 to 30 Volt dc)

Standard Version

Code: AS/B/R/024/RL

Main options available:

Amber or clear lens
230 Volt ac

Solista Maxi Beacon



Key features	Low current LED beacon
Output	0.5, 1 or 3 Cd user selectable
Ingress protection	IP65 (deep base)
Operating temperature	-10°C to +55°C
Material	PC/ABS body, PC lens
Standard colour	White body, red lens
Dimensions / weight	H83 x Ø93mm / 0.1kg
Number of entries	1
Standard voltage	24 Volt dc (9 to 60 Volt dc)

Standard Version

Code: SOLX/RF/RL/W/D

Main options available:

Amber LEDs (clear lens)
IP54 shallow base 53mm
Powered base 110 to 230 Volt ac

Solex 15 Beacon



Key features	Light-weight xenon beacon
Output	15 Cd @ 1Hz
Ingress protection	IP65 (deep base)
Operating temperature	-10°C to +55°C
Material	PC/ABS body, PC lens
Standard colour	Red body, red lens
Dimensions / weight	H121 x Ø93mm / 0.18kg
Number of entries	1
Standard voltage	24 Volt dc (9 to 60 Volt dc)

Standard Version

Code: SO/R/DR/15C

Main options available:

2.5 or 10 Cd versions
Amber, clear or green lens
IP54 shallow base 53mm
Powered base 110 to 230 Volt ac



MAX Double Flash Beacon

Standard Version

Code: 8130

Main options available:

Red, clear, blue lens
Range of mounting-options
Back box

Key features	High visibility xenon beacon
Output	80 Cd @ 1Hz
Ingress protection	Weather resistant
Operating temperature	-35°C to +66°C
Material	ABS body, PC lens
Standard colour	Black body, amber lens
Dimensions / weight	H125 x Ø182mm / 1.1 kg
Number of entries	1
Standard voltage	24 Volt dc



RSSWP Beacon

Standard Version

Code: 5165

Main options available:

Red body
Red, amber, blue lens
Range of mounting-options
Back box
Semi-flush plate

Key features	Flush-mounted xenon beacon
Output	135, 185 Cd user selectable
Approvals	UL, ULC, FM, CSFM, MEA
Ingress protection	Weatherproof
Operating temperature	-35°C to +66°C
Material	ABS body, PC lens
Standard colour	White body, clear lens
Dimensions / weight	H121 x W121 x D66mm / 0.45 kg
Number of entries	1
Standard voltage	24 Volt dc



Status Indicator



Key features	Three lens LED status indicator
Output	0.5, 1 or 3 Cd user selectable
Ingress protection	IP65
Operating temperature	-10°C to +55°C
Material	PC/ABS body, PC lens
Standard colour	White body; red, amber, green LEDs
Dimensions / weight	H280 x D83mm / 0.3kg
Number of entries	1
Standard voltage	24 Volt dc (9 to 60 Volt dc)

Standard Version

Code: AV/3/W/R/A/G

Main options available:

Red, amber, green, blue and clear LEDs
Sounder module (9 to 30 Volt dc)

The wall-mounted Status Indicator is supplied complete. Up to 4 lenses in any combination of the above colours or 3 lenses and a sounder may be supplied.

User selectable steady-state, flash or double flash indication. These settings are independent for each lens.

WB Signal Tower Indicator



Key features	Three lens signal tower
Output	LED Steady-state indication
Ingress protection	IP65
Operating temperature	-20°C to +50°C
Material	GRP body / PC lens
Standard colour	Black body; red, amber, green lenses
Dimensions / weight	H300 x Ø 70mm / 0.31kg
Number of entries	1
Standard voltage	24 Volt dc / 24 Volt ac

Standard Version

Code: ST71/R/A/G/LED

Main options available:

Red, amber, green, blue and clear lens modules (LED)
Xenon versions of above modules
Sounder module
Side-mount bracket

The Signal Tower is supplied in modular form with a base unit (terminal element) and separate bayonet-fit lenses or a sounder. The base with integrated tube enables fitting to a horizontal surface. Up to 5 lenses in any combination of the above colours or 4 lenses and a sounder may be connected.

The side-mount bracket option allows the terminal element / tower to remain upright when fitted to a vertical surface. The wiring will be channeled directly into the vertical surface. An exposed wiring version is also available.



There are many situations where both a visual and an audible warning are required. Traditionally, this would have entailed the installation of two separate units. In order to simplify installation, reduce costs and satisfy applicable legislation, a range of combined indication and sounder units are available with a wide range of sound and light intensity outputs. There is also a ground-breaking Hazardous Location (EX) product included.

Sound output in dB(A) is measured to European standards at 1 metre.



CU1 Sounder / Beacon



Key features	Hazardous area sounder / beacon
Output	116 dB(A) / 10 Joule
Approvals	Ex: ATEX Exde
Ingress protection	IP66 and 67
Operating temperature	-50°C to +50°C
Main body material	GRP body, glass lens, wire guard
Standard colour	Red body, red lens
Dimensions / weight	H296x W254 x L320mm / 6.5kg
Number of tones	27
Number of entries	2 x M20 (20mm) 1 plugged
Standard voltage	24 Volt dc

Standard Version

Code: PX803140

Main options available:

2 stage tone switching (dc only)
Natural black body
Amber, clear, or blue lens
Tag and duty labels
110 or 240 Volt ac

Asserta Maxi AV Sounder / Beacon



Key features	Very high output sounder / beacon
Output	125 dB(A) / 5 Joule
Ingress protection	IP66
Operating temperature	-25°C to +70°C
Main body material	ABS body, PC lens
Standard colour	Grey body, amber lens
Dimensions / weight	H212 x W168 x D155mm / 1.8kg
Number of tones	42
Standard voltage	24 Volt dc

Standard Version

Code: ASX/SB/024/G/125/AL

Main options available:

Red body
Red or clear lens
Voice message
Swivel mount bracket
115 to 230 Volt ac

Asserta AV Sounder / Beacon



Key features	High output sounder / beacon
Output	120 dB(A) / 3.6 Joule
Ingress protection	IP66
Operating temperature	-25°C to +70°C
Material	ABS body, PC lens
Standard colour	Red body, red lens
Dimensions / weight	H212 x W168 x D155mm / 1.8kg
Number of tones	42
Standard voltage	24 Volt dc

Standard Version

Code: AS/SB/024/R/120/RL

Main options available:

Grey body
Amber or clear lens
Sounder timeout
Swivel mount bracket
230 Volt ac



Asserta Midi AV Sounder / Beacon

Standard Version

Code: AS/M/SB/9-60/G/AL

Main options available:

Red body
Red or clear lens
115 or 230 Volt ac

Key features	Medium output sounder / beacon
Output	110 dB(A) / 2.5 Joule
Ingress protection	IP66
Operating temperature	-25°C to +70°C
Material	ABS body, PC lens
Standard colour	Grey body, amber lens
Dimensions / weight	H173 x W165 x D132mm / 0.8kg
Number of tones	32
Standard voltage	24 Volt dc (9 to 60 Volt dc)



Asserta Mini AV Sounder / Beacon

Standard Version

Code: AS/N/SB/9-60/R/RL

Main options available:

Grey body
Amber or clear lens
115 to 230 Volt ac

Key features	Compact sounder / beacon
Output	107dB(A) / 2.5 Joule
Ingress protection	IP66
Operating temperature	-20°C to +70°C
Material	ABS body, PC lens
Standard colour	Red body, red lens
Dimensions / weight	H140 x W105 x D120mm / 0.5kg
Number of tones	32
Standard voltage	24 Volt dc (9 to 60 Volt dc)



RoLP Maxi SB Sounder / Beacon

Standard Version

Code: ROLPX/SB/RL/R/D

Main options available:

White body
Clear lens with amber LEDs
IP54 Shallow base (80mm)
Powered base 110 to 230 Volt ac

Key features	Sounder / LED beacon
Output	107dB(A) / 0.5 Cd
Approvals	EN54-3
Ingress protection	IP65
Operating temperature	-10°C to +55°C
Material	ABS body, PC lens
Standard colour	Red body, red lens
Dimensions / weight	Ø93 x D109mm / 0.3kg
Number of tones	32
Standard voltage	24 Volt dc



RoLP SB Sounder / Beacon



Key features	Sounder / LED beacon
Output	102dB(A) / 0.5 Cd
Approvals	EN54-3
Ingress protection	IP65
Operating temperature	-10°C to +55°C
Material	ABS body, PC lens
Standard colour	White body, clear lens, amber LEDs
Dimensions / weight	Ø93 x D109mm / 0.3kg
Number of tones	32
Standard voltage	24 Volt dc (9 to 28 Volt dc)

Standard Version

Code: ROLP/SB/AL/W/D

Main options available:

Red body
Red lens
IP54 Shallow base (78mm)
Powered base 110 to 230 Volt ac

Flashni Sounder / Beacon



Key features	Sounder / xenon beacon
Output	90dB(A) / 0.7 Joule
Approvals	EN54-3
Ingress protection	IP65
Operating temperature	-10°C to +55°C
Material	ABS body, PC lens
Standard colour	Red body, red lens
Dimensions / weight	Ø93 x D121mm / 0.33kg
Number of tones	32
Standard voltage	24 Volt dc

Standard Version

Code: FL/RL/R/D/SW

Main options available:

White body
Amber or clear lens
IP54 Shallow base (92mm)
Powered base 110 to 230 Volt ac

Clarifire SB Sounder / Beacon



Key features	Voice sounder / LED beacon
Output	100dB(A) / 0.5 Cd
Ingress protection	IP65
Operating temperature	-10°C to +55°C
Material	ABS body, PC lens
Standard colour	Red body, red lens
Dimensions / weight	Ø106 x D128mm / 0.3kg
Number of messages	1
Standard voltage	24 Volt dc

Standard Version

Code: CLA/SB/1/RL/R/D/001/V1

Main options available:

IP54 Shallow base (98mm)
Powered base 110 to 230 Volt ac

AMT-SM Sounder / Beacon

Standard Version

Code: 3060

Main options available:

Red body
Range of mounting-options
Back box
Semi-flush plate

Key features	3 tone prioritised sounder / beacon
Output	107 dB(A) / 75 Cd
Approvals	UL, ULC, FM, CSFM, MEA
Ingress protection	Indoor use
Operating temperature	-35°C to +66°C
Material	ABS body, PC lens
Standard colour	White body, Clear Lens
Dimensions / weight	H130 x W130 x D110mm / 0.45 kg
Number of tones	8
Standard voltage	24 Volt dc



MTWP Sounder / Beacon

Standard Version

Code: 9744

Main options available:

Red body
Amber or blue lens
Range of mounting-options
Back box
Semi-flush plate

Key features	General sounder/beacon
Output	109 dB(A) / 75 Cd
Approvals	UL, ULC, FM, CSFM, MEA
Ingress protection	Weatherproof
Operating temperature	-35°C to +66°C
Material	ABS body, PC lens
Standard colour	White body, Clear Lens
Dimensions / weight	H130 x W130 x D110mm / 0.34 kg
Number of tones	8
Standard voltage	24 Volt dc



ASWP Sounder / Beacon

Standard Version

Code: 9012

Main options available:

White body
Range of mounting-options
Back box
Semi-flush plate

Key features	Ceiling-mounted sounder / beacon
Output	109 dB(A) / 75 Cd
Approvals	UL, ULC, FM, CSFM, MEA
Ingress protection	Weatherproof
Operating temperature	-35°C to +66°C
Material	ABS body, PC lens
Standard colour	Red body, Clear Lens
Dimensions / weight	H122 x W122 x D65mm / 0.34 kg
Number of tones	2
Standard voltage	24 Volt dc



Speakers

The range of industrial and commercial speakers is designed to meet the requirements for public address, Voice Alarm (evacuation) and background music. The speakers can generally operate as stand-alone units, or as part of 100 or 70 volt line systems. A wide range of sound output levels (dB / Watts) are available.

Sound output in dB(A) is measured to European standards at 1 watt / 1 metre.



PAC 15 Speaker

Standard Version

Code: PX5204100

Main options available:

M25 entry in place of lead

Key features	Projector speaker
Output	15 watt / 104 dB(A) max
Approvals	BS5839 Part 8 compliant
Ingress protection	IP54
Operating temperature	-40°C to +90°C
Main body material	Aluminium
Standard colour	White
Dimensions / weight	L198 x Ø146mm / 2.4kg
Number of Entries	0.5m flying lead
Standard voltage	100 Volt line



RAC 15 Speaker

Standard Version

Code: PX5203100

Main options available:

Junction box mount
with M25 entry

Key features	Bi-directional projector speaker
Output	2 x 7.5 watt / 98 dB(A) max
Approvals	BS5839 Part 8 compliant
Ingress protection	IP54
Operating temperature	-40°C to +90°C
Main body material	Aluminium
Standard colour	White
Dimensions / weight	L200 x Ø146mm / 2.6kg
Number of Entries	0.5m flying lead
Standard voltage	100 Volt line



MSP 20 Speaker

Standard Version

Code: PX56600005

Main options available:

BS5839 Part 8 compliant

Key features	Projector speaker
Output	20 watt / 108 dB(A) max
Ingress protection	IP54
Operating temperature	-20°C to +60°C
Main body material	ABS
Standard colour	Cream
Dimensions / weight	L195 x Ø180mm / 2.2kg
Number of Entries	1.0m flying lead
Standard voltage	100 Volt line



MSP 30 Speaker



Key features	Music projector speaker
Output	30 watt / 112 dB(A) max
Ingress protection	IP54
Operating temperature	-20°C to +60°C
Main body material	ABS
Standard colour	Cream
Dimensions / weight	H234 x W283 x D256 mm / 3.7kg
Number of Entries	0.5m flying lead
Standard voltage	100 / 70 / 50 Volt line

Standard Version
Code: PX5201001

Main options available:
BS5839 Part 8 compliant

MA 6FT Speaker



Key features	Flush-mounted ceiling speaker
Output	6 watt / 100 dB(A) max
Ingress protection	IP54
Operating temperature	-20°C to +60°C
Main body material	ABS
Standard colour	White
Dimensions / weight	Ø181 x D122mm / 0.8kg
Number of Entries	1
Standard voltage	100 Volt line

Standard Version
Code: PX5058003

Main options available:
8 ohm version
Without fire dome

MC 5FT Speaker



Key features	Flush-mounted ceiling speaker
Output	10 watt / 103 dB(A) max
Approvals	BS5839 Part 8 compliant
Ingress protection	Indoor use
Operating temperature	-20°C to +50°C
Main body material	Painted mild steel
Standard colour	White
Dimensions / weight	Ø185 x D90mm / 1.6kg
Number of Entries	2 x M20 and 2 x M25 knock out
Standard voltage	100 / 70 Volt line

Standard Version
Code: PX55600056

Main options available:
Without fire dome



CM20 Speaker

Standard Version
Code: PX56300022

Main options available:
2 x M20 entries

Key features	Medium column speaker
Output	20 watt / 106 dB(A) max
Approvals	BS5839 Part 8 compliant
Ingress protection	IP65
Operating temperature	-20°C to +50°C
Main body material	Aluminium
Standard colour	White
Dimensions / weight	H370 x W105 x D95mm / 2.7kg
Number of Entries	1 x M25 with conduit fitting
Standard voltage	100 Volt line



CM40 Speaker

Standard Version
Code: PX56300021

Main options available:
M25 entry with conduit fitting

Key features	Large column speaker
Output	40 watt / 109 dB(A) max
Approvals	BS5839 Part 8 compliant
Ingress protection	IP65
Operating temperature	-20°C to +50°C
Main body material	Aluminium
Standard colour	White
Dimensions / weight	H571 x W105 x D95mm / 3.8kg
Number of Entries	2 x M20
Standard voltage	100 Volt line



Safe V6T Speaker

Standard Version
Code: PX56000023

Main options available:
Volume control

Key features	Vandal resistant speaker
Output	10 watt / 100 dB(A) max
Approvals	BS5839 Part 8 compliant
Ingress protection	Indoor use
Operating temperature	-20°C to +50°C
Main body material	Painted mild steel
Standard colour	White
Dimensions / weight	H190 x W190 x D85 mm / 2.0kg
Number of Entries	3 x M20 and 1 x M25 knock out
Standard voltage	100 / 70 Volt line



ET1010 Speaker



Key features	Vandal resistant speaker
Output	8 watts / 104 dB(A) max
Approvals	UL, ULC, FM, CSFM, MEA, BFP
Ingress protection	Weatherproof inc. wbb back box
Operating temperature	-20°C to +50°C
Main body material	Die-cast metal
Standard colour	White
Dimensions / weight	H109 x W109 x D104 mm / 2.2 kg
Number of Entries	1
Standard voltage	25 / 70 Volt line

Standard Version

Code: 3137/2960

Main options available:

Red body

MR 15 Speaker



Key features	Horn loudspeaker
Output	15 watt / 119 dB(A) max
Approvals	BS5839 Part 8 compliant
Ingress protection	IP65
Operating temperature	-20°C to +60°C
Main body material	ABS
Standard colour	Cream
Dimensions / weight	H162 x W222 x L228mm / 1.3kg
Number of Entries	0.5m flying lead
Standard voltage	100 Volt line

Standard Version

Code: PX5005005

Main options available:

10 watt / 115 dB(A) max
H125 x W176 x L178mm / 1.1kg30 watt / 125 dB(A) max
H208 x W287 x L258mm / 1.6kg

AR 30 Speaker



Key features	Horn loudspeaker
Output	30 watt / 125 dB(A) max
Ingress protection	IP65
Operating temperature	-20°C to +60°C
Main body material	Aluminium
Standard colour	Light Grey
Dimensions / weight	L272 x Ø268mm / 2.2g
Number of Entries	1 x M16
Standard voltage	100 Volt line

Standard Version

Code: PX5002001

Main options available:

10 watt / 117 dB(A) max
L180mm x Ø160mm / 1.0kg15 watt / 120 dB(A) max
L240mm x Ø223mm / 1.5kg

DB16W Speaker

Standard Version

Code: PX805101

Main options available:

25 watt / 121 dB(A)

Natural black body

Tag and duty labels

Key features	High-power horn speaker
Output	30 watt / 122 dB(A) max
Ingress protection	IP66 and 67
Operating temperature	-50°C to +40°C
Main body material	Corrosion-free GRP
Standard colour	Red body
Dimensions / weight	L354 x Ø262mm / 5.5kg
Number of Entries	2 x M20 (1 plugged)
Standard voltage	100 Volt line



DB4 Speaker

Standard Version

Code: PX804226

Main options available:

Natural black body

Exde, cUL, GOST versions

Tag and duty labels

	Key features	Hazardous area horn speaker
	Output	25 watt / 119 dB(A) max
	Approvals	Ex: ATEX Exd
	Ingress protection	IP66 and 67
	Operating temperature	-20°C to +50°C
	Main body material	Corrosion-free GRP
	Standard colour	Red body
	Dimensions / weight	L271 x Ø170mm / 5.0kg
	Number of Entries	2 x M20 (1 plugged)
	Standard voltage	100 Volt line



DB14 Speaker

Standard Version

Code: PX808011

Main options available:

Red body

Tag and duty labels

	Key features	General purpose horn speaker
	Output	15 watt / 117 dB(A) max
	Approvals	BS5839 Part 8 compliant
	Ingress protection	IP66 and 67
	Operating temperature	-55°C to +70°C
	Main body material	Corrosion-free GRP
	Standard colour	Natural grey body
	Dimensions / weight	L245 x Ø163mm / 2.6kg
	Number of Entries	2 x M20 (1 plugged)
	Standard voltage	100 Volt line



DB20W Speaker



Key features	Compact horn speaker
Output	8 watt / 112 dB(A) max
Ingress protection	IP66
Operating temperature	-50°C to +70°C
Main body material	GRP body, ABS flare
Standard colour	Natural black
Dimensions / weight	L137 x Ø124mm / 1.5kg
Number of Entries	2 x M20
Standard voltage	100 Volt line

Standard Version

Code: PX804303

Main options available:

Red body
Tag and duty labels
4 watt / 109 dB(A) max

STH-15-SR Speaker



Key features	Supervised horn speaker
Output	15 watt / 112 dB(A) max
Ingress protection	Weatherproof
Operating temperature	-35°C to +66°C
Main body material	Aluminium
Standard colour	Red
Dimensions / weight	L237 x H222 x W200mm / 2.0kg
Number of Entries	1
Standard voltage	25 / 70 Volt line

Standard Version

Code: 7938

Main options available:

Grey body

ST-H15-B Speaker



Key features	Paging horn speaker
Output	15 watt / 122 dB(A) max
Ingress protection	Weatherproof
Operating temperature	-35°C to +66°C
Main body material	Aluminium
Standard colour	Beige
Dimensions / weight	L233 x Ø218mm / 2.0kg
Number of Entries	1
Standard voltage	25 / 70 / 100 Volt line

Standard Version

Code: 5147

Main options available:

n/a

ET70WP Speaker / Beacon

Standard Version

Code: 0168

Main options available:

Amber, red, blue or green lens

Key features	Speaker with beacon
Output	8 watt / 103 dB(A) max
Ingress protection	Weatherproof
Operating temperature	-35°C to +66°C
Main body material	ABS
Standard colour	White with clear lens
Dimensions / weight	H130 x W130 x D143mm / 1.0 kg
Number of Entries	1
Standard voltage	24 Volt dc / 70 Volt line speaker



STH Cluster Speakers / Beacon

Standard Version

Code: 9762

Main options available:

Various options to
special order

Key features	Cluster of 4 speakers with beacon
Output	30 watt / 125 dB(A) max / 100 cd
Ingress protection	Weatherproof
Operating temperature	-35°C to +66°C
Main body material	Aluminium horns / GRP box / PC lens
Standard colour	Grey
Dimensions / weight	Area 927 x 876 x D279mm / 20.0 kg
Number of Entries	Conduit knockouts
Standard voltage	24 Volt dc / 70 Volt line speakers



Call Points

The range of manual call points includes push button, break glass and pull station versions. There are options for the inclusion of LED status indicators and addressable boards to give the unit an individually recognised location (or address) within the system. These manual call points are designed to meet European or North American industrial and fire application standards.



BG Call Point

Standard Version

Code: PX800003

Main options available:

Black, yellow or blue body
Exia, UL, GOST versions
Tag and duty labels
Lift Flap
LED indicator
Series and EOL resistors
Up to 254 Volt ac



Key features	Hazardous area call point
Approvals	Ex: ATEX Exed
Ingress protection	IP66 and 67
Operating temperature	-20°C to +50°C
Operation	Replaceable break glass plate
Main body material	Corrosion-free GRP
Standard colour	Red body
Dimensions / weight	H126 x W120 x D75mm / 1.2kg
Number of Entries	2 x M20 (20mm) at bottom
Standard voltage	Up to 50 Volt dc



BG2W Call Point

Standard Version

Code: PX870056

Main options available:

Lift flap
Series and EOL resistors

Key features	Heavy duty fire call point
Ingress protection	IP66 and 67
Operating temperature	-40°C to +55°C
Operation	Replaceable break glass plate
Main body material	Corrosion-free GRP
Standard colour	Red body
Dimensions / weight	H126 x W120 x D75mm / 1.2kg
Number of Entries	2 x M20 (20mm) at bottom



BG3W Call Point

Standard Version

Code: PX800006

Main options available:

Green, yellow or blue body
Tag and duty labels
Lift Flap
LED indicator
Series and EOL resistors

Key features	Regular break glass call point
Ingress protection	IP66 and 67
Operating temperature	-55°C to +55°C
Operation	Replaceable break glass plate
Main body material	Corrosion-free GRP
Standard colour	Red body
Dimensions / weight	H93 x W93 x D62mm / 0.5kg
Number of Entries	2 x M20 (20mm) at bottom





CXIP Call Point

Key features	Break glass or reset call point
Ingress protection	IP67
Operating temperature	-25°C to +70°C
Operation	Re-settable element option inc.
Main body material	ABS
Standard colour	Red body
Dimensions / weight	H110 x W110 x D65mm / 0.3kg
Number of Entries	Up to 4 (requires drilling)

Standard Version

Code: CXM/CO/GP/R/IP

Main options available:

Green or yellow body

Lift flap

Resistors



PBW Call Point

Key features	Push button call point
Ingress protection	IP66 and 67
Operating temperature	-40°C to +55°C
Operation	Push and latch, key reset
Main body material	Corrosion-free GRP
Standard colour	Red body
Dimensions / weight	H126 x W120 x D114mm / 1.2kg
Number of Entries	2 x M20 (20mm) at bottom

Standard Version

Code: PX800008

Main options available:

Black, yellow or blue body

Tag and duty labels

Turn and push operation

LED indicator

Series and EOL resistors

Pictured on Page 30 with optional yellow body, LED indicator and "FIRE PUSH BUTTON" duty label.



MPS Call Point

Key features	Pull station call point
Ingress protection	Indoor use
Operating temperature	-35°C to +66°C
Operation	Single action handle, key reset
Main body material	Die-cast metal
Standard colour	Red body
Dimensions / weight	H120 x W83 x D28mm / 0.57 kg
Number of Entries	Not applicable: attaches to switch box

Standard Version

Code: 8400

Main options available:

Dual action handle

Weatherproof back box