

BS8629 is the Code of Practice for the design, installation, commissioning and maintenance of evacuation alert systems for use by fire and rescue services in buildings containing flats. Advanced's evacuation alert system has been developed with great care to follow all the recommendations of BS8629. Combining robustness and reliability with speed and simplicity, our evacuation alert system comes in a range of flexible formats with wired, wireless and hybrid options available.

The EvacGo panel is built using our industry-leading MxPro 5 panel technology and delivers proven performance, quality and ease of use. The panel is supplied with 8, 16, 24 or 32 fire fighter evacuation alert areas as standard, and is fully expandable from 1 to 4 loops. The panel includes the latest flash-based microprocessor technology and provides a simple, 'at a glance' overview of which evacuation zones are operating. The panel has a virtual display which enables the maintenance engineer to work remotely.

The panel is suitable for a wide range of site applications from small to large buildings containing flats. It is fully programmable on site, and all programming and servicing can be undertaken on a laptop connected to the EvacGo panel using Advanced's DynamixTools PC programming software.

**Outer cabinet:** The Advanced EvacGo panel is supplied with the additional protection of an STS 205-rated high-tensile steel cabinet and should be sited at an appropriate location suitable for fire fighter access. The front of the cabinet is clearly labelled 'For Fire and Rescue Service Only'. The cabinet incorporates a high-security locking mechanism with unique copy-protected keys that are carried by the FRS.

**PC software:** An extensive suite of user-friendly Windows-based PC software programs has been developed to enhance your experience when using EACIE panels. The suite incorporates a number of different programmes to include configuration, service and maintenance reports, and virtual terminal-type tools to allow the flexibility of the equipment to be fully explored.

**Network:** Simply adding a network card allows the panel to communicate with any other panel or network peripherals. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant network format.



### Features

- Modular construction
- Can be customised on site if required via insert label
- Fully expandable from 1 to 4 loops
- Supplied with 8, 16, 24 or 32 fire fighter evacuation alert areas as standard
- Control panel with latest dual flash-based microprocessor technology
- Robust vandal-resistant steel enclosure with unique copy-protected keys
- Suitable for a wide range of site applications
- Virtual screen for simple ease of use and remote programming and servicing
- Fully programmable on site
- Designed to comply with the BS 8629 Code of Practice

### Certification

Vandal-resistant steel cabinet is certified to STS 205 issue 4/BR2

High-security lock is certified to EN 1303:2015

### Compatibility

EvacGo is fully compatible with MxPro 5 Series CIE.

EvacGo is compatible with Apollo (XP95/Discovery), Hochiki, Argus & AxisEN devices.

## Specification

|                            |                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------|
| Base technology            | Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets. |
| Protocols (devices/loop)   | Apollo/Hochiki (126/127), Argus (240), AxisEN (240)                                                             |
| Number of evac alert zones | Up to 32                                                                                                        |
| Number of loops            | Dedicated 1-4 loop control panel                                                                                |
| Mains supply               | 200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4A max                                                          |
| Charger current            | 2A temperature compensated                                                                                      |
| Serial ports               | 1 x on-board RS232 connection for PC communication                                                              |
| USB interface              | 1 x USB B type connection for PC communication                                                                  |
| Programming                | PC running Windows tools                                                                                        |
| Event log                  | 5000 event & diagnostic + 500 fire                                                                              |
| Networking                 | Optional plug-in network card (MXP-509 - fault tolerant)                                                        |

## Outer box specification

|                      |                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------|
| Colour               | RAL 9006 silver grey                                                                            |
| Dimensions H x W x D | 750 x 700 x 200                                                                                 |
| Locking mechanism    | Solid steel construction with anti-hacksaw locking bars, patented cylinder system & unique lock |
| Weight               | 70 kg                                                                                           |

## Internal box specification

|                      |                              |
|----------------------|------------------------------|
| Colour               | RAL 7035                     |
| Dimensions H x W x D | 475 x 450 x 135              |
| Lock                 | Standard MxPro CAI Emkay Key |
| Weight               | 10 Kg                        |
| Battery (min / max)  | 2 x 12v 4Ahr / 2 x 12v 17Ahr |
| Cable entry          | 11 x rear                    |

## Applications / limitations

The evacuation panel is supplied with a single loop card only and can be expanded up to 4 loops with the fitting of additional loop driver PCBs.

The evacuation panel is complete with its own power supply and charger, suitable for use with up to 2 x 12V 17 Ahr batteries.

## Order Codes and Options

### EACIE control panels and peripherals

|                 |                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SP-8629-08      | EvacGo controller c/w 1 loop card expandable to 4, and 8 evacuation zones including LED indication.                                                                       |
| SP-8629-16      | EvacGo controller c/w 1 loop card expandable to 4, and 16 evacuation zones including LED indication.                                                                      |
| SP-8629-24      | EvacGo controller c/w 1 loop card expandable to 4, and 24 evacuation zones including LED indication.                                                                      |
| SP-8629-32      | EvacGo controller c/w 1 loop card expandable to 4, and 32 evacuation zones including LED indication.                                                                      |
| SP-8629-08/FT   | EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 8 evacuation zones including LED indication.                                |
| SP-8629-16/FT   | EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 16 evacuation zones including LED indication.                               |
| SP-8629-24/FT   | EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 24 evacuation zones including LED indication.                               |
| SP-8629-32/FT   | EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 32 evacuation zones including LED indication.                               |
| SP-8629-00/FT   | EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card, no display.                                                                    |
| SP-8629-00/D/FT | EvacGo controller in Deep enclosure c/w 1 loop card expandable to 4, designated fault-tolerant network card, no display.                                                  |
| SP-8629-SECBX   | EvacGo separate battery tray mounted in STS 205 Class BR2 box. Please note - this is only required when the batteries are in a public area, please check before ordering. |
| MXP-502         | EvacGo additional loop card                                                                                                                                               |
| MXM-546         | EvacGo separate battery enclosure (45Ah) - if required                                                                                                                    |
| MXP-501         | EvacGo remote battery temperature sensor                                                                                                                                  |

### EACIE sounders and peripherals

|                |                                                                       |
|----------------|-----------------------------------------------------------------------|
| AXIS-CWS       | Open-area conventional wall sounder – Red (EN54-3)                    |
| AXIS-CWS/W     | Open-area conventional wall sounder – White (EN54-3)                  |
| AXIS-CWSV      | Open-area conventional wall sounder beacon – Red (EN54-3 & EN54-23)   |
| AXIS-CWSV/W    | Open-area conventional wall sounder beacon – White (EN54-3 & EN54-23) |
| AXIS-WSM       | Addressable sounder interface module (EN54-17)                        |
| AXIS-PU        | Handheld programming unit                                             |
| 20-VMMC120-ADV | Single relay output module with built-in isolator                     |
| 20-VMC100-ADV  | Monitored output module with built-in isolator                        |
| 20-VMC120-ADV  | Wall Mounting Single Relay Output Module                              |
| LVMX100        | Short circuit isolator module                                         |
| 20-LVMX100-BX  | Single isolator in plastic mounting box                               |
| 20-DLVMX100-BX | Dual isolators in plastic mounting box                                |
| 20-BMB100-BX   | Plastic mounting box                                                  |

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