



ASSIST CALL MASTER STATION



The Assist Call HC-ACM-8 Master station can accept and display Emergency Assist Alarm calls on combined networks. The unit can additionally accept up to eight lines of outstation, (Type A fixed phones, Type B refuge hands free points, emergency assist alarm point or jack points in Far East and Middle East applications) as required.

The touch-screen layout has four buttons allowing quick access to the main functions, and permanently displaying the number of current calls, alarms and faults.

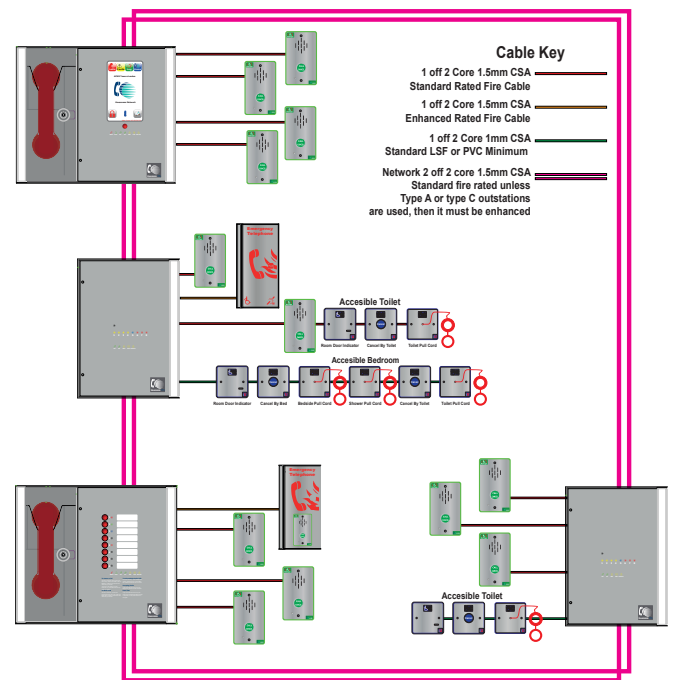
Emergency Assist Alarm calls can be acknowledged by pressing the icon on screen (as required by BS8300) and will return to alarm if not reset within two minutes.

The HC-ACM-8 has inbuilt networking allowing it to form one of the 64 panels on a Haescomm network installation allowing a total of 512 outstations to be accommodated. Each panel can be a master station or HC-EX8 network expander.

Features at a glance

- Accepts Assist Calls on a shared network
- 4.3" Full Colour Touch-screen
- Fully Compliant to BS5839-9
- Integrated Assist Call with acknowledge meeting BS8300
- 1.5A EN54-4:A2 PSU
- Wall mount enclosure
- Expandable from 2 to 512 lines
- Inbuilt networking

| Models | Description |
|----------|----------------------------|
| HC-ACM-8 | Assist Call Master Station |



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Operation

The Assist Call HC-ACM-8 is a self contained enclosure housing a 4.3" touch screen, one to four dual line cards, an EN54-4:A2 2006 power supply & battery charger and can be surface or flush mounted (Using the HC-SBZ Bezel).

The case is made from powder coated zintec, 20mm cable knock-outs are provided for all necessary cables as well as space for the single 12V VRSLA backup battery required.

The master station is configured using a spreadsheet (excel and open office) and installed using the MMC card, this also holds the site logs. The whole site can be configured from any master station.

Each outstation has three labels, one for Emergency Assist, one for EVCS and one for Fault text, each label is two lines of twenty characters. Each Master station can be programmed to answer specific outstations, and these can differ from day to night.

Technical Specification

Power Supply and Charger

| | |
|-----------------|--|
| AC Input | 230v AC +/- 10% 50/60Hz |
| Internal Supply | 5v, 16v, 27v DC |
| Supply | Monitored: open, short, fuses, high impedance |
| Protection | Deep discharge, short, thermal |
| Battery Type | 1 x 12v 7Ah VRSLA |
| Mains Fuse | 240v 1A HRC |
| Battery Fuse | 750mA PTC |
| Charge Current | 400mA |

Inputs

| | |
|---------------|----------------------|
| Lines | 2-8 in 2 line blocks |
| Remote Enable | Short to use |
| End of Line | 10KΩ |

Outputs

| | |
|---------|-------------------|
| Number | 2, fault & in use |
| Type | Volt free relay |
| Contact | 30v DC 1A |

Controls

| | |
|--------------|-------------------------|
| Buttons | 3 Navigation keys |
| Touch-screen | 4.3" 272 x 480 x RGB |
| State LEDs | 1, RGB indicator |
| Fault LEDs | 3, PSU, System, General |
| Supply LEDs | 2, AC, DC present |

Network Cables

| | |
|----------|-----------------------|
| Type | Enhanced* |
| Cores | 2 x 2 core 1 or 1.5mm |
| Distance | 500m |

Standards Compliance

| | |
|----------------|-------------------------------|
| EMC | EN55103-1, EN55103-2 |
| LVD | EN60065 |
| Product Family | BS5839-pt9, BS9999, BS8300 |

Dimensions

| Dims | Panel | Bezel | Cut-out |
|--------|-------|-------|---------|
| Height | 300mm | 350mm | 305mm |
| Width | 220mm | 270mm | 225mm |
| Depth | 95mm | 1mm | 85mm |
| Weight | 6.5Kg | | |

*Refer to BS5839-9:2011 for exceptions



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Assessed to ISO 9001
LPCB Ref. No. 810

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