



228 2 to 8 LINE MASTER STATION



All Haescomm Emergency Voice Communications Systems (EVCS) are designed to comply fully with the requirements of BS5839-9:2011 for use as a fire telephone system (FT), disabled refuge system (DRS) or as a combined system when both fire telephones and disabled refuge systems are required.

An EVCS is a fixed, secure, bi-directional, full duplex voice communication system to assist fire fighters during emergencies in high rise buildings or large sites, where radio communication cannot be guaranteed to work due to interference from the fire corona.

The Haescomm HC-228 Master Station can 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.

Lines auto identify by flashing Red for EVCS calls, Blue for assist calls or flashing Green for connected calls, as detailed in BS5839-9:2011

Emergency Assist Alarm Calls can be acknowledged by pressing the zone key (as required by BS8300) and will return to alarm if not reset within two minutes.

The HC-228 has inbuilt networking allowing it to form one of the 64 panels on a Haescomm network installation or allowing a repeater using another HC-228 where buildings have two points of control.

Starting at two lines the HC-228 is ideal for smaller buildings which are required to have EVCS, but which require a limited number of outstations.

Features at a glance

- Compact design
- Fully compliant to BS5839-9:2011
- Integrated Assist Call with acknowledge. Meets BS8300
- 1.5A EN54-4:A2 PSU
- Full duplex operation
- Wall mount enclosure
- Lockable handset cover
- Expandable from 2 to 8 lines
- Inbuilt networking

Models	Description
HC-228-2	2 line master station
HC-228-4	4 line master station
HC-228-6	6 line master station
HC-228-8	8 line master station
HC-228-0	Repeater station

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Compatibility

Compatible with all Haescomm EVCS controllers, outstations and Haescomm integrated Emergency Assist call system.

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 4Ah 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	10K Ω

Outputs

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

Controls

Buttons	8 x zone keys
Zone LEDs (x8)	RGB status LEDs
Fault LEDs	PSU, System, General
Supply LEDs	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	330mm	305mm
Width	350mm	380mm	355mm
Depth	95mm	1mm	85mm
Weight	6.5Kg		



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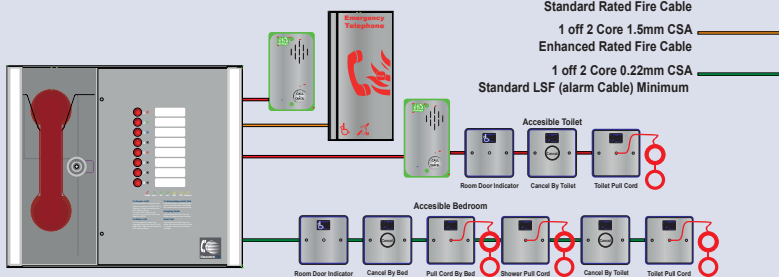
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Cable Key

- 1 off 2 Core 1.5mm CSA
Standard Rated Fire Cable
- 1 off 2 Core 1.5mm CSA
Enhanced Rated Fire Cable
- 1 off 2 Core 0.22mm CSA
Standard LSF (alarm Cable) Minimum



Network and Assist Call Integration