



EMERGENCY VOICE EVACUATION SYSTEMS (EVCS) MASTER STATION – TOUCH SCREEN



TOUCH SCREEN
MASTER STATION

DESCRIPTION

All Technoswitch Emergency Voice Communications Systems (EVCS) are designed to comply fully with the requirements of BS 5839-9:2011 for use as a Fire Telephone system (FT), Disabled Refuge system (DRS), or as a combined system when both Fire Telephones and Disabled Refuge call points 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 Technoswitch VS-EVS-TMS Touch Screen 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) 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 VS-EVS-TMS has built-in networking, allowing it to form one of the 64 panels on a Technoswitch network installation, allowing a total of 512 Outstations to be accommodated. Each panel can be a Master Station or VS-EVS-EX8 Network Expander.

The VS-EVS-TMS is a self contained enclosure housing a master handset, 4.3" touch screen, one to four dual line cards, an EN 54-4:A2 2006 power supply and battery charger and can be surface or flush mounted (using the VS-EVS-CBZ Bezel).

The case is made from powder coated zintec, with a smoked perspex door covering the handset. 20 mm cable knock outs are provided for all necessary cables as well as space for the single 12 V 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 20 characters. Each Master station can be programmed to answer specific Outstations, and these can differ from day to night.

FEATURES

- 4.3" Full Colour Touch Screen
- Fully Compliant to BS5839-9
- Integrated Assist Call with acknowledge meeting BS8300
- 1.5 A EN 54-4:A2 PSU
- Full Duplex Operation
- Wall Mount Enclosure
- Lockable Handset Cover
- Expandable from 2 to 512 Lines
- Built-in Networking

APPROVALS

- Fully Compliant to BS 5839-9: 2011
- EMC: EN 55103-1, EN 55103-2
- LVD: EN 60065
- Product Family: BS 5839-9, BS 9999, BS 8300



EMERGENCY VOICE EVACUATION SYSTEMS (EVCS) MASTER STATION – TOUCH SCREEN

SPECIFICATIONS

Power Supply and Charger

AC Input	230 V AC +/- 10% 50/60 Hz
Internal Supply	5 V, 16 V, 27 V DC
Supply	Monitored Open, Short, Fuses, High Impedance
Protection	Deep Discharge, Short, Thermal
Battery Type	1x 12 V 7 AH VRSLA
Mains Fuse	240 V 1 A HRC
Battery Fuse	750 mA PTC
Charge Current	400 mA

Inputs

Lines	2–8 in 2 line blocks
Remote Enable	Short to use
End-of-Line	10K Ω

Outputs

Number	2: Fault & In Use
Type	Volt Free Relay
Contact	30 V DC 1 A

Controls

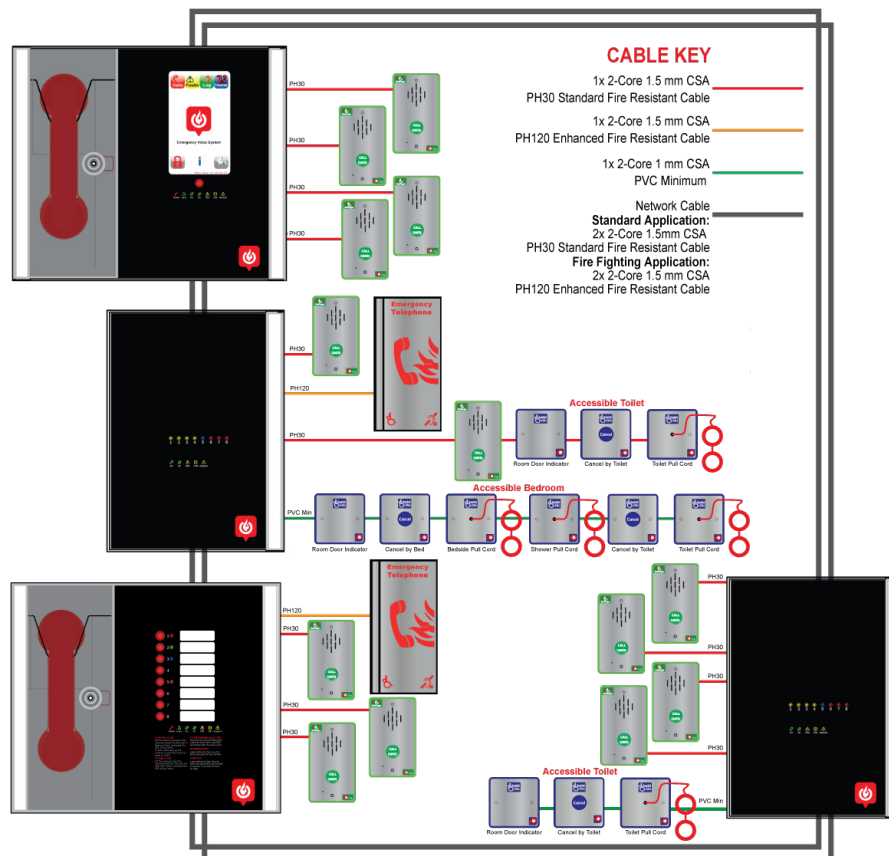
Buttons	3 Navigation keys
Touch Screen	4.3" 272 x 480 x RGB
State LED	1: RGB indicator
Fault LEDs	3: PSU, System, General
Supply LEDs	2: AC, DC present

Network Cables

Type	PH120 Enhanced Fire Resistant Cable
Cores	2x 2-core 1 mm or 1.5 mm
Distance	500 m

Dimensions

Height	Panel	Bezel	Cut-out
Width	300 mm	350 mm	305 mm
Depth	350 mm	400 mm	355 mm
Weight	95 mm	1 mm	85 mm
	5 kg		



ORDERING INFORMATION

Product Code Product Description

VS-EVS-TMS8	Network Touch Screen Master Station c/w network & 8 lines
VS-EVS-TMS8SS	Network Touch Screen Master Station c/w network & 8 lines, SS right hand fascia
VS-EVS-TMS0	Network Touch Screen Repeater Station
VS-EVS-TMS0SS	Network Touch Screen Repeater Station, SS right hand fascia

Please refer to the current Technoswitch Price List for all spares and peripherals.

• **DISCLAIMER:** Although the contents of our product literature have been prepared with the greatest care, Technoswitch can accept no liability whatsoever for any direct or indirect damages of any kind that may arise due to either errors or omissions in them, or amendments to products or other specifications following publication.

© Technoswitch (Pty) Ltd



HEAD OFFICE — JOHANNESBURG

Cussonia Park, 3 Ridge Road, Laser Park, Johannesburg T +27 (0)11 794 9144 E info@technoswitch.co.za
CAPE TOWN T +27 (0)21 948 4575 ■ DURBAN T +27 (0)31 266 8843

www.technoswitch.co.za