

# Touch Screen Microphone

Certified to BSEN54



Introducing the new touch screen control microphone - a multi-function user interface for VIGIL voice evacuation systems.

An easy to use microphone with a touch sensitive screen that provides full control of the system.

Special features include NFC smart card or pin code access to some functions.

## FEATURES:

- Stylish, easy-to-use control microphone with a capacitive touch, bright, seven inch screen.
- Near Field Communications (NFC) for card (or pin) based operator log-in feature, enabling access to a pre-determined level of control.
- Operators can use the microphone to record non-critical messages and store them for future use.
- Stored messages can be scheduled for regular/timed broadcast by the operator.
- A third party music audio feed can also be connected to the microphone. The output can then be routed by the user to a single, or combination, of zones.
- Straight-forward multi-page scroll through operation, providing full control of a VIGIL voice alarm system.
- Select system stored messages - general and critical (with priority given to the most critical) - for broadcast to chosen zones.
- Zone or 'all call' selection.
- Live speech for general paging announcements.
- Select and route background music for broadcast to individual or multiple zones.
- Volume adjustment function provides the ability to change the volume of non-critical broadcasts to selected zones.
- Emergency control mode - live emergency broadcasts from the unit will override messages triggered by the fire panel.
- Emergency paging facility - can be given highest priority on the system, automatically overriding all other broadcasts.
- A hard wired bypass input enables an emergency 'all call' announcement in the unlikely event of a processor failure. There is also an option to fit an emergency bypass 'all call' switch to the microphone.
- Dual output facility providing the ability to route the broadcast via a different rack on the system; for sites where separate A/B circuit racks are required.
- Critical signal path monitoring of the system - all faults being visibly and audibly indicated at the microphone.
- Detailed activity history and fault logs accessed via the touch screen.
- Configurable group buttons enable selection of multiple zones by a single touch.
- Configurable function buttons enable automatic multiple message playback.
- Compatible with VIGIL2 and VIGIL3, all microphone configuration is performed via the touch screen.

# Specifications:

<b>Audio Outputs</b>	
Nominal output level (live speech)	0 dBm
Max output level limiter operating (live speech)	6 dBm
Nominal output level (recorded messages)	0 dBm
Output impedance	180 ohms
<b>Audio Inputs</b>	
Max input level (BGM) OdBm output	-4 dBm (0.5V RMS)
Frequency response (live speech)	200 Hz-12 kHz
Frequency response (.wav file playback and BGM routing)	50 Hz-20 kHz
<b>Communications</b>	
Data serial link	RS485 9600 BR (default)
<b>Power requirements (24V DC)</b>	
Standby	0.175A
In use	0.36A
<b>Access Control</b>	
NFC reader supported cards	Mifare
<b>Dimensions</b>	
(W x H x D) mm	275 x 48 x 177
<b>Display</b>	
Display resolution	800 x 480 WVGA
Display brightness	1000 cd/m <sup>2</sup>
Touchscreen	7" capacitive
<b>Front Panel Indicators</b>	
Power on	Power is supplied
Healthy	System is healthy
General fault	VA system general fault
System fault	BVRDTSM system fault
VA active	Voice alarm active indicator



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