

120 ZONE TOUCH MICROPHONE

MC-EVM-120ZT



Professional Product Overview

The MC-EVM-120ZT is a touch-screen remote microphone / call station for advanced voice evacuation paging. It provides up to 120-zone control, live announcement operation and supervised network connection for professional life-safety systems.

120 Zones

Touch-screen zone control

32 Units

Remote mic capacity

600 m

Shielded CAT6 loop

24V DC

Controller power supply

120-zone touch-screen paging control for certified voice evacuation systems



Description & Key Features

The MC-EVM-120ZT touch-screen remote microphone is designed for advanced voice evacuation and public address systems requiring flexible zone selection and professional live announcement control. It allows authorised operators to page individual zones, multiple zones or all zones using a clear touch-screen interface.

The microphone station supports up to 120 zones and integrates with the voice evacuation controller through standard shielded CAT6 cabling and RJ45 connectors in a redundant loop. Its monitored communication design, 24V DC controller power and configurable talk function make it suitable for large commercial and public buildings.

01 Touch-screen call station

Remote microphone with touch-screen zone control for flexible paging operation.

03 120-zone capacity

Each touch microphone supports up to 120 controlled zones.

05 Remote microphone capacity

Supports up to 32 remote microphones in the system loop.

07 PTT / lock operation

Talk key supports push-to-talk and lock operation modes.

09 24V DC powered

Powered directly from the MC-VEA-500M controller for centralised system integration.

02 EN54-16 system use

Designed for certified voice evacuation and public address control systems.

04 Single / multiple / all-zone paging

Supports individual-zone, grouped-zone and all-zone live announcements.

06 Fully monitored station

The microphone station is real-time monitored by the voice evacuation system.

08 Redundant CAT6 cabling

Shielded CAT6 cable and RJ45 loop connection support distances up to 600 metres.

10 Business and emergency use

Supports both commercial live announcements and emergency evacuation messaging.

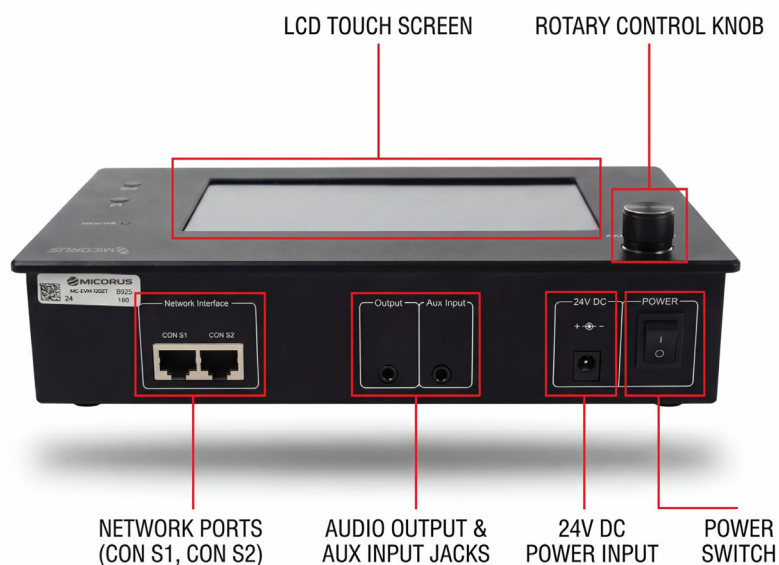
Technical Specifications

General Information

Parameter	Specification
Model	MC-EVM-120ZT
Description	Touch Screen Remote Microphone

System Capacity & Power

Parameter	Specification
Power Consumption	3W
Zone Capacity	120 Zones
System Capacity	32 remote microphones



Electrical, Environment & Physical Data

Audio Specifications

Parameter	Specification
Line Inputs	350mV, 10k Ω
Microphone Input	5mV, 600 Ω
Frequency Response	80Hz - 16kHz
THD	<1% at RMS, 1kHz
Signal-to-Noise Ratio	>70dB

Electrical & Environment

Parameter	Specification
Power Supply	DC24V, $\pm 20\%$
Operating Temperature	-20°C to +70°C
Humidity	<95% no condensation

Physical Specifications

Parameter	Specification
Dimensions	256 x 149 x 52 mm
Weight	1.5kg