PERTRONIC INDUSTRIES LTD

DATASHEET

Mass Notification System (MNS)

Overview

The Pertronic Mass Notification System provides clear, unambiguous instructions to notify facility occupants of urgent or emergency situations, including building evacuation.

Up to four pre-recorded messages can be stored in the Mass Notification System (MNS). Messages are tailored to the specific needs of each project. Typical messages might include a 'Stay Put' message and an 'Evacuate' message. A 'Stay Put' message tells occupants to stay where they are and wait for instructions. An 'Evacuate' message tells them to collect their belongings and leave the building. It is easy to add new messages or replace existing ones.

The optional microphone allows facility managers to use the system to keep occupants informed during an emergency situation.

Facility management staff are able to control the MNS from anywhere with cell-phone coverage, either by text message or mobile app.

A manual override key switch allows facility managers to inhibit MNS messages. This switch does not inhibit fire alarm messages.

The Mass Notification System drives a supervised 100 Volt line system with speakers throughout the facility. The MNS can link into the facility's fire alarm system. If a fire alarm goes off it will broadcast standard fire alarm evacuation messages.

Left: Mass Notification System Control Unit
Right: Message Switch Unit

Features

» May be activated onsite or from remote locations
» Remote activation by SMS (text message) or mobile app
» Up to four pre-recorded messages
» Factory-supplied messages carefully tailored to maximise clarity and intelligibility
» Messages are easily changed
» Messages can be as long as necessary. (Up to 100 minutes @ 128 kbit/s, 44 kHz with std 1 GB SD card. Larger SD cards can be used.)
» Text message identifiers (up to 20 characters)

» Broadcasts fire alarm messages if commanded by the fire alarm system
» Fire alarm messages take precedence over MNS messages
» Front panel indicators: POWER, MANUAL OVERRIDE, SYSTEM FAULT, BATTERY LOW
» Automatic supervision for audio line faults
» Battery power supply back-up with automatic fault supervision
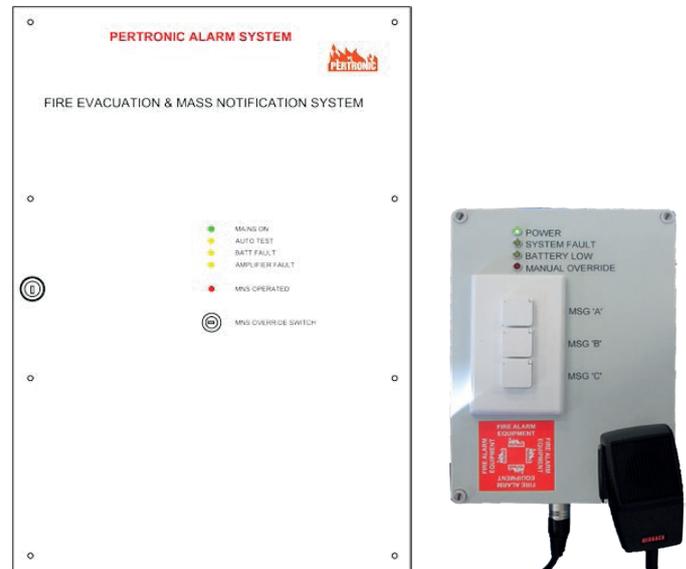» Complies with NZS 4512

Ordering Information & Notes

Product Code	Description
On Request	Mass Notification System

The information in this document must not be treated as partial or complete instructions for the design, construction, installation, commissioning, or maintenance of fire detection, fire alarm, or building evacuation systems. Fire and evacuation systems must be designed and installed by properly qualified persons, in accordance with all regulatory requirements.
Unless explicitly stated otherwise, this document provides typical specifications and nominal dimensions. Actual product performance and dimensions may vary.
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