



**Alerti
(M7-CCP-20X)
Conventional Control Panel**

This fire alarm panel is designed with digital processing and a user-friendly interface. It supports intelligent fault detection, built-in overcurrent protection, and dual-level access. The voltage boost circuit and automatic battery charge/discharge management ensure stable performance in battery mode. Its compact, low-power design allows reliable operation under various conditions. The panel also offers one-man test functionality, unlimited manual call point support, and the option to add a relay module for emergency evacuation, providing high operational flexibility.



Features

Design based on the standard:

EN 54-2: 1997 + AC: 1999 + A1:2006

EN 54-4: 1997 + AC: 1999 + A1:2002 + A2:2006

Fast and user-friendly interface

Digital processing system

Intelligent fault control and user notification

Smart overload detection circuit with automatic terminal output cut-off (no fuses required)

Telephone dialer output

User access via hardware lock (switch) and software access (pattern, password)



Built-in switching power supply

Intelligent power-saving mechanism for critical conditions with stable battery operation

Two completely independent sounder channels

LED output for activation of auxiliary equipment (fans, ventilation, secondary alarms, etc.)

LED output for emergency evacuation

One-Man Test (OMT) capability with automatic sounder activation/deactivation

Emergency evacuation command (Evacuate) in critical situations

Status indicators (Fault, Fire, Power) with LED lighting

Battery boost circuit to support current consumption in battery mode

Intelligent battery charge/discharge control with energy-saving performance

LED display for zone and fault status

Support for unlimited manual call points

Internal indicator for short circuit or open circuit detection

Requires one battery with a minimum capacity of 4.5 Ah

Capability to connect to zonal relay

Technical Specifications

Power Supply Voltage	220 V, 60/50 Hz
Maximum Power Consumption	250 mA
Battery Type	1×12 V, 4.5 or 7.2 Ah
Sounder Output	2 channels, maximum 500 mA
AUX output	24 V, 500 mA
Maximum Number of Detectors Per Zone	20
Maximum Number of Zones	8
Maximum Fire Relay Output Current	7 A
Maximum Fault Relay Output Current	7 A
Dimensions	305×362×97 mm
Weight without battery	3.6 kg



Application

The M7-CCP-20X panel, with its simple design, easy maintenance, and efficient technical features, is an ideal solution for residential, office, and small-scale industrial buildings.

Construction

The M7-CCP-20X features a robust metal enclosure with a hinged access door for easy expansion, replacement, or servicing of internal components such as the battery, circuit board, and switching power supply. The front panel includes LED status indicators and an input keypad, all designed for clear visibility and easy operation.