

Remote Terminal Fire Alarm Control Panel

Mx-4010/20

Advanced Fire Panel Technology

Based around two core products, the Mx-4010 Remote Display Terminal (*RDT*) and the fully functional Mx-4020 Remote Control Terminal (*RCT*).

Both remote terminals utilise the same graphical LCD user interface that can be found on the Mx-4000 series fire panels and are based upon the same advanced, flash based, microprocessor technology.

All Mx-4000 series panels and remote terminals can communicate over the same 2-core network cable.

Integral network interface incorporating a special screen termination to prevent mains frequency earth-loop currents flowing between network nodes.

The 'Ad-Net' network operates as a true peer-to-peer system with full cross panel reporting, control and cause and effect functionality of up to 1000 zones.



Features

- The display information is fully programmable by individual zone or sector and can display any combination of fires, faults, pre-alarms or plant alarms. E.g. can display all information in its own sector, but can only show fire signals from other sectors of a building.
- Both remote terminals incorporate buzzer mute, view, enable/disable and test facilities with dedicated system and navigation keys for simple user control.
- The *RCT* has additional sector based control keys for Evacuate, Silence, Resound and Reset, which allows other networked panels to selectively respond to controls as programmed. E.g. on a site with multiple buildings, a user may be allowed to silence and reset fires originating in their own building. Fires originating from other buildings are displayed but cannot be reset.
- Fully on-site programmable via on-board alphanumeric keypad or PC configuration tools.
- By using 'flash memory' and an advanced graphical display the remote terminals can be easily configured to operate in virtually any language, with any character set and allows for the installer's logo and company details to be displayed on the LCD display during normal operation.

Key Features

Networked for System Display or Control
User Friendly Graphical LCD Display
Ad-NeT/Ad-NeT+ Compatible

Small & Robust
24v DC Operating voltage
3 Year Warranty as standard

Specification

Display	Backlit 240x64 Graphical LCD
LED Indicators	3 Red (2 x Fire, 1 x Alarm), 1 Green (Power) & 12 Amber (Fault & System)
Keypad	Alpha Numeric Keypad, Navigation Keys & on-board buzzer mute facility
Controls (Mx-4020 RCT only)	System Keys for Reset, Silence, Resound & Evacuate
Key-Switch Input	Optional Level 2 Access Enable key switch
Power Supply Input	24 VDC, 150mA (/FT: 188mA) Operating range 15-30V
External Supply Monitoring	Monitored External Fault Input
Number of Fire Zones	2000 'Dynamix'
USB/Serial Ports	1 x USB & 1x RS232 Onboard for PC, Modem or External Printer
Programming	Via on-board Keypad or PC running Windows
Enclosure	Steel IP30
Cable Entry	20mm Knock-outs. 4 x top and 4 x rear
Colour	Steel IP30 / Beige (textured)
Size H x W x D mm	Enclosure: 218 x 300 x 44 Back Box Only (When Recessing) 218 x 300 x 30
Metalwork Options	Semi Flushing Bezel, Special Finishes including Brass & Chrome

Order Codes

Mx-4010: (RDT) Remote Display Terminal
MX-4020: (RCT) Remote Control Terminal
Mx-4010/FT: (RDT) with Fault Tolerant Network I/F
Mx-4020/FT: (RCT) with Fault Tolerant Network I/F

Options

Mxm-008: Semi Flush Bezel
Mxp-018: Access Enable Key-Switch