

## MGRP-64 Conventional common repeater panel

Using at least one MGRP-64 Repeater panel enables to configure up to 32 fire alarm control panels and/or repeater panels in large site conventional fire alarm applications. MGRP-64 series repeater panels has a stylish exterior appearance and produced by using surface mount technology.

### Repeater panel features

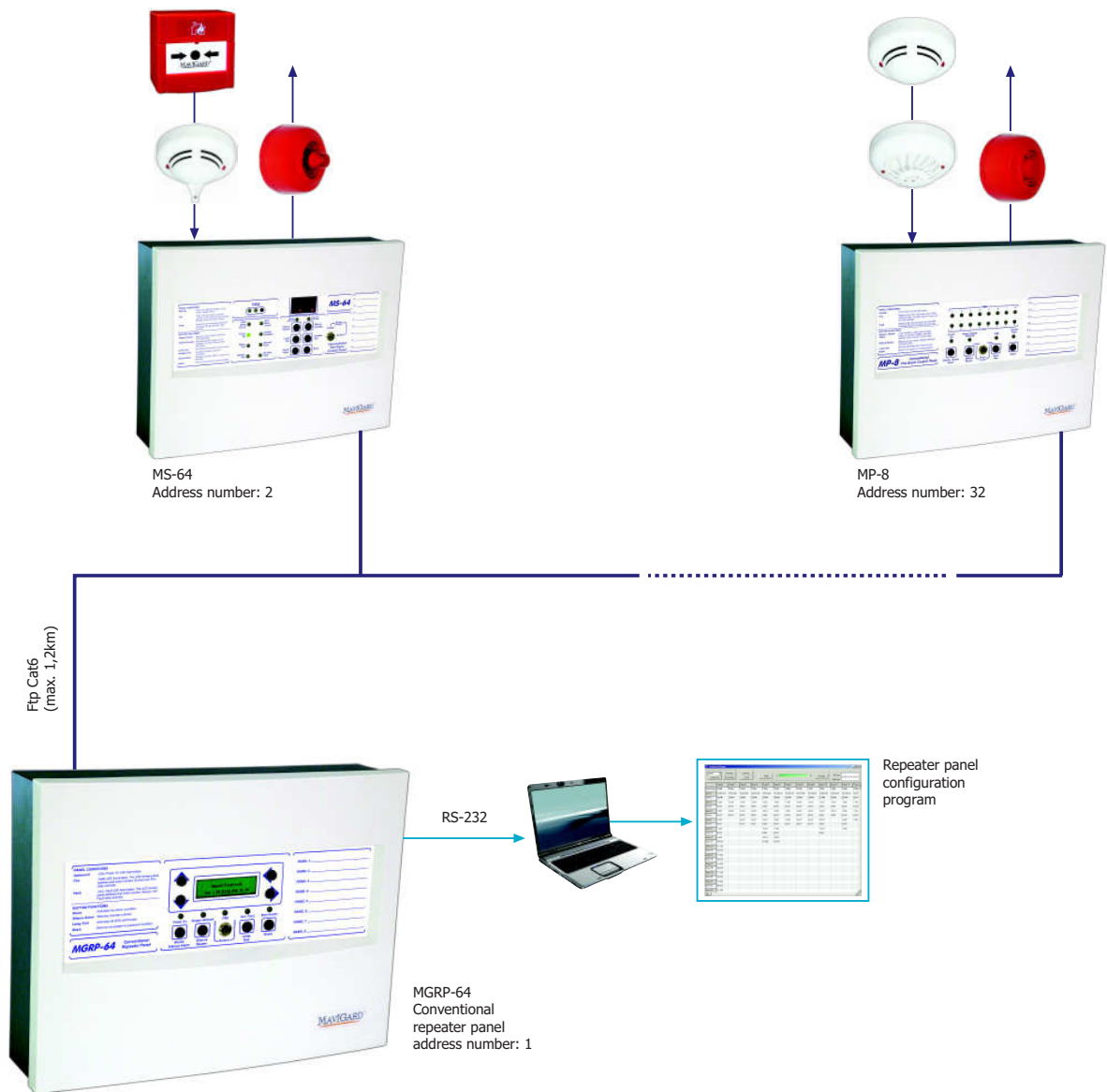
01. Compatible with EN 54-2 and EN 54-4
02. High and stable operation performance
03. 64 repeater zone capacity
04. 24 V DC operation voltage
05. PCB produced using surface mount technology
06. Stylish exterior design
07. Microprocessor controlled
08. Compatible with MP-8 and MS-64 model conventional fire alarm control panels
09. Polling entire network in every 0.5 seconds
10. RS-485 communication protocol
11. Network cable length up to 1200 metres
12. Storage of latest 50 events in the memory and display priority to fire events
13. Single-button test of LEDs and LCD
14. Button enable/disable key to prevent unauthorised access



MGRP-64 Repeater panel

- Using at least one MGRP-64 Repeater panel, 32 conventional fire alarm control panels/repeater panels can be assembled in one system.
- Fire alarm control panels require MGY-2305 Repeater panel driver board to communicate with each other in the network.
- LCD (2 x 16 character) and LEDs in front of the repeater panel enable easy representation of the details of fire and fault alarm status from other fire alarm control panels in the network
- Using MGRP-64 Repeater panel, all fire alarm control panels can be reset, put to alarm and silenced alarm condition by use of the repeater panel buttons.
- A control panel newly added to the network is automatically detected and included in network structure. If any control panel is removed from the network, repeater panel displays "Disconnected Panel" fault.
- All fire and/or fault events of panels in the network structure are displayed as "Panel Number" and "Zone Number" format. While creating the network, panel names and zone names are saved by a software program specially developed and these records are sent separately, in addition to the Panel Number and Zone Number information.






REPEATER PANEL MODELS	
Product code	Zone capacity
MGRP-64	64

MODULE TYPES	
Product code	Description
MGY-2305	Repeater panel driver board



**MGY-2305 Repeater panel driver board**  
 MGY-2305 Repeater panel driver board must be used for each fire alarm control panel in the network structure.  
 MGY-2305 Repeater panel driver boards are produced by use of surface mount technology.