

Multizone 16-48 Repeater

Connection Information

Panel		Repeater
0V (PSU PCB)	->	28V IN -ve
SIL (PSU PCB)	->	SIL
FLT (PSU PCB)	->	FLT
RS485 A (CPU PCB)	->	RS485 A
RS485 B (CPU PCB)	->	RS485 B

The DIP switch on the back of the display board in the repeater is used to put the repeater into various programming modes. The four individual switches on the DIP switch are as follows (from left to right)

Serial Programming Mode
ROM Checksum
Reset Data to Default
Enter Zone Text

The first three behave just as in the main panel - refer to main panel manual.

To enter zone text, flick the right hand DIP switch on and briefly press the CPU reset button. Program the zone text as you would on the main panel. When all the zone text has been entered, press Reset on the front of the repeater panel, then reset the DIP switch.

In normal operation, if the repeater panel does not receive any data for a prolonged period, it will display "* Comms Fault *" and signal fault back to the main panel.

Similarly, if the repeater detects a power supply problem, it will signal fault back to the main panel.

In both cases, the amber fault led will be lit inside the repeater, and the main panel will show an external fault. To clear the external fault, correct the problem at the repeater end, then press reset on the main panel.

In the event of the main panel going into fire, it is possible to silence the alarms from the repeater panel only if the key in the repeater panel is turned to ON and the key in the main panel is turned to OFF. Whenever the key in the main panel is set to ON, it locks out the repeater panel.