



MX1-NZ Replacement Door (FP0990)

Installation Instructions

Contents of this Kit

Item	Qty	Description
FP0990	1	MX1-NZ AS4428.3 DOOR,C/W PCB, LCD & KEYSWITCHES
LT0472	1	MX1-NZ Replacement Door Installation Instructions

This kit can be used on an MX1 slim line cabinet, to replace a damaged door, or to upgrade an old keyboard to a current format.

Replacement Procedure

Before proceeding with the door replacement, check that the new door assembly is undamaged

1. Advise the building owner or representative, monitoring service, and fire brigade, as appropriate, that the fire system is being taken out of service. Isolate the panel from the monitoring system.
2. Power down the *MX1* by disconnecting the batteries and turning off the mains supply. Protect the battery leads so they do not short out or onto any other metallic objects.
3. Use appropriate anti-static precautions when handling the internal parts of the system, e.g., earthing wrist strap connected to the case earth.
4. Disconnect the wiring from the cabinet body to the door.
For a front service cabinet, remove both the 10-way FRC from J8 of the PCB and the earth wire as in Figure 1. Unless the 10-way loom is damaged, there is no reason to replace it. If it is not required, unclip the 10-way FRC from the new door and discard it.
For a rear service cabinet, also remove the 26-way FRC from J2 of the PCB as in Figure 2.
5. Undo the nuts holding the lower door hinge as in Figure 3, and remove it, taking care not to lose the nylon washer on the lower pin.
6. Unhook the door from the upper hinge pin and lift it clear of the cabinet.
7. Hang the new door on the upper hinge pin and refit the lower hinge, not forgetting the nylon washer.
8. Reconnect the FRC cable(s) and earth wire removed in step 4.
Note: if the old 10-way FRC is being replaced, you will need to loosen the MX1 Controller to allow this loom to be removed from behind it and replaced. Be careful not to drag the FRC header across the back of the controller, since this could damage the components on the underside.
9. Check that the other connections to the LCD/keyboard PCB are seated properly (16-way LCD loom, 2-way backlight loom, 4-way brigade key switch loom and keyboard tail).
10. For a front service cabinet, transfer the zone display(s) from the old door to the new door, if these are known to be undamaged. If these are suspect, they should be replaced with new displays (ordering code FP1002).
11. Check that all the wiring has been replaced correctly, then switch the mains supply on, leaving the batteries disconnected for the moment. Check that the *MX1* system starts up correctly, and that the LCD shows the expected display.
12. If the LCD contrast is not satisfactory, it can be adjusted using a fine screwdriver in VR1 at the right end of the LCD/keyboard.
13. Do a Lamp Test and check that the zone displays are working correctly.
14. Reconnect the batteries, and check that the system becomes normal. The time and date will probably not require readjustment, but check this anyway.
15. De-isolate the panel from the monitoring system. Advise the building owner or representative, monitoring service, and fire brigade, that the *MX1* is back in service.

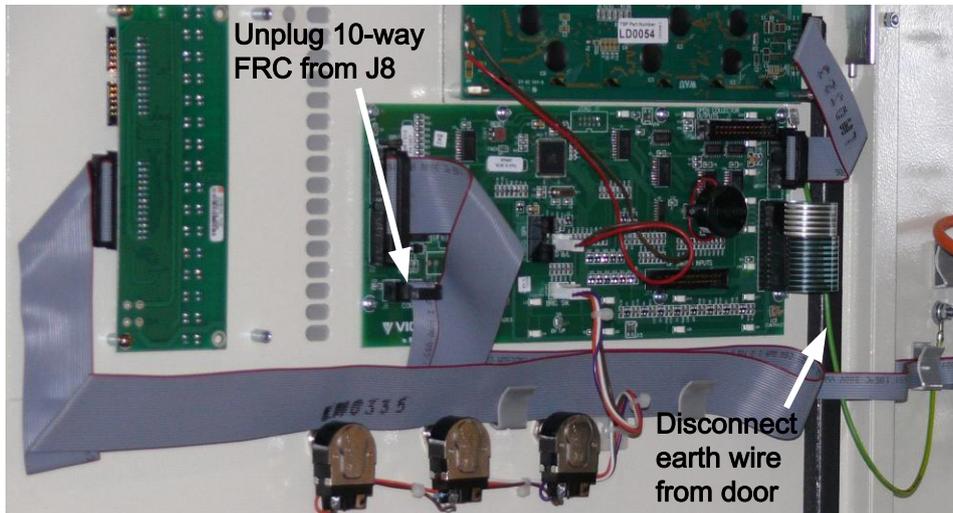


Figure 1 – Connections to a Front Service Door

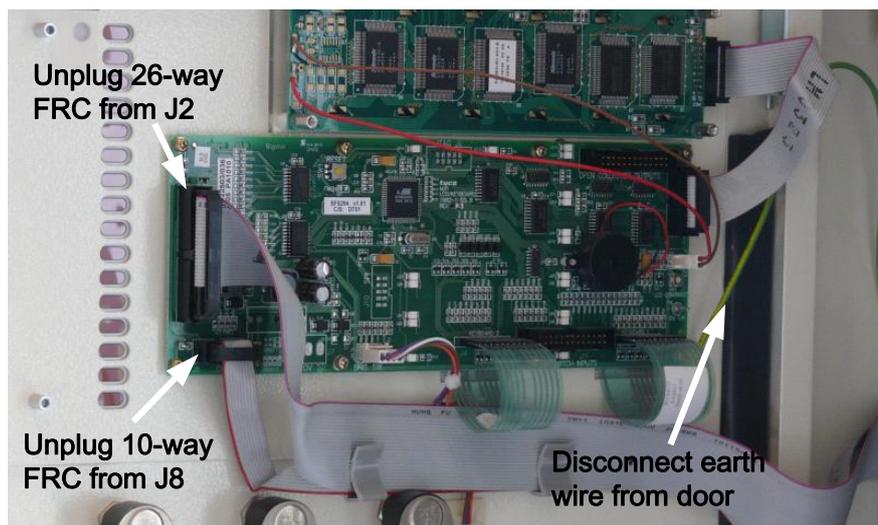


Figure 2 – Connections to a Rear Service Door

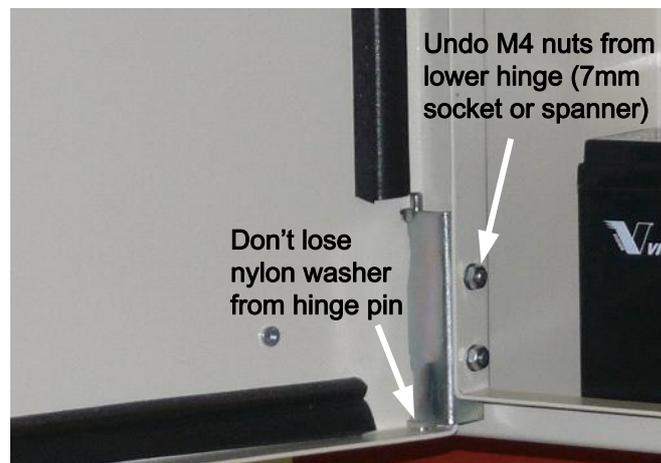


Figure 3 – Removing the hinge to release the door

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