

Retrofit of MP26 or MP125 Concealed Mounted Alarm Panels

Remove Components from Existing Alarm

1. Open the old alarm panel to be retrofitted and ensure that the retrofit kit to be installed is correct according to the number of Signal inputs, Relay outputs, and/or Gas Sensor signals.
2. Test Central and Area alarm signals to validate wiring and document all signal wires coming into the box with alarm type and locations prior to disconnecting. This information will be required to setup the new alarm.
3. Turn off the supply power to the alarm.
4. Disconnect the ribbon cable(s) to the panel door and remove. Remove Trim Plate.
5. Disconnect all labeled wiring from the PCB and remove the PCB and all other removable hardware and spacers.

CAUTION: Verify that power has been turned off prior to working on the alarm.

Install New Components

1. Install the Trim Ring to the concealed backbox using the previous hinge screws (Figure 1).

Trim Ring

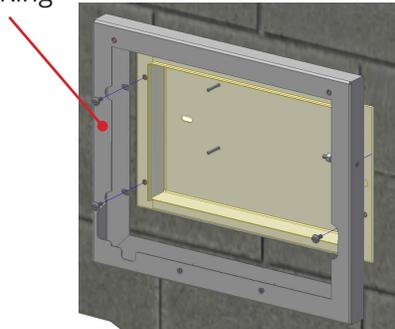


Figure 1: MP26 Retrofit Installation

2. Install the new power supply on the existing top two studs in the backbox (note the position of the green terminal block in reference to the Mains Power).
3. Install additional module on the existing bottom two studs in the backbox. For MP125, use the supply adapter bracket to mount the module.

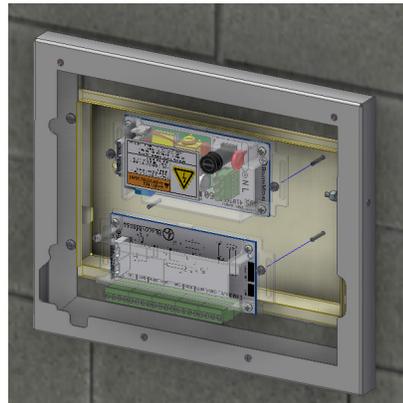


Figure 2: MP26 Retrofit



Figure 3: MP26 Retrofit Installation

4. Locate the Earth cable from the power supply and fasten it to the Earth stud on the backbox.
5. Remove the four screws from the power supply plastic shield and remove the shield.
6. Connect the Live and Neutral wires to the terminal block on the power supply and the Mains Earth to the Earth stud on the backbox.
7. Place the power supply shield back in place, ensuring that all high voltage wires are secured behind the cover and install the four corner screws.

Central Wiring

1. For retrofit of a Central alarm panel the existing BeaconMedaes Line Monitoring contact wires can be connected to the appropriate terminal block locations on the B30 board along with any

Medipoint or Shire communication wires. Refer to HTM Central Wiring Diagram.

Remote Sensors

1. New TotalAlert Infinity Digital Gas Sensors must be installed to work with the TotalAlert Infinity alarm panel.
2. **CAUTION:** If Orifice fitting is not installed at the sensor connection, ensure that the pressure on the pipeline in the alarm area has been released before removing any components from the pipeline connection.
3. Remove existing pressure switch from the hospital pipeline and disconnect field wiring.
4. Install new digital gas sensor in the pipeline port.
5. Remove the strain relief and housing from the gas sensor to access the terminal block. Insert field wiring through strain relief and housing, connecting to the terminal block. Note the polarity.
6. Reinstall housing and strain relief and tighten cord grip to secure field wiring.
7. Return pressure to the hospital pipeline and check sensor connections for leaks.



Figure 4: Remote Sensor Assembly Installation

Area Wiring

1. Connect all the gas sensor wires to the appropriate terminal block locations on the B60 board, noting polarity. Refer to HTM Area Wiring Diagram.

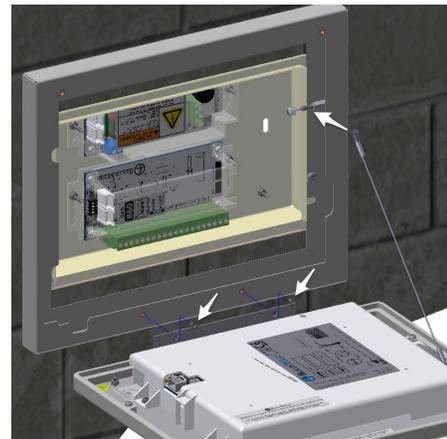


Figure 5: Front Panel Attachment

Install Second Fix Kit

1. Install the Front display panel to the trim ring at the bottom hinge using the screws provided.
2. Connect the lanyard to the threaded standoff on the trim ring and secure with M4 nylock nut provided. Note: Do not tighten nut all the way, the lanyard eyelet should move freely when opening and closing the front display panel.
3. Connect the green Earth wire on the front display panel to the existing Earth stud in the backbox.
4. Connect the grey RS-485 communication cable provided on the front display panel to the power supply.
5. Turn on the Mains power to the alarm and wait for the alarm to boot up.
6. Setup the new alarm by referring to the Quick Setup Guide.



Figure 6: Front Panel Mounting