

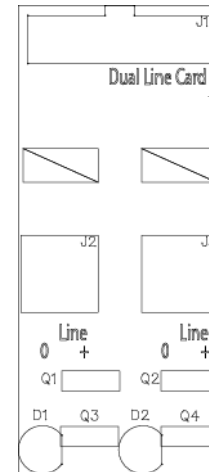
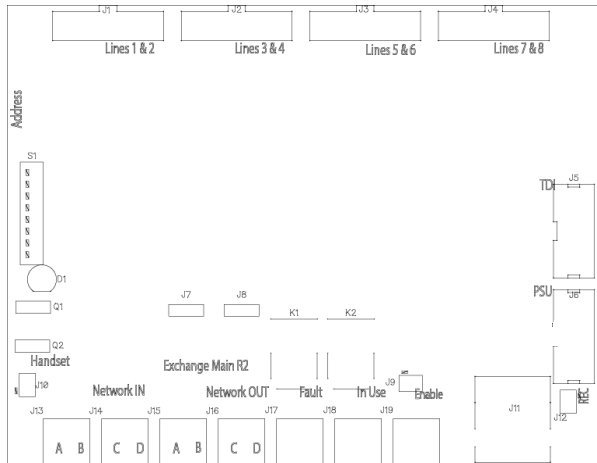
BM2EX Line Card Fitting Instructions



Adding a Line Card

The BM2EX Master Station is supplied with at least **one number** Line Card. There are 2 lines per Line Card.

Before adding a Line Card, ensure that the Beacon Master Station is not powered. If the Beacon Master Station is powered, then power down the Beacon Master Station by removing the battery first followed by the mains.



To fit the Line Card:

1. Place Line Card in the next available space on the Exchange PCB (See diagram above) and secure using the supplied screw.
2. Remove a terminal from the Line Card for each outstation to be fitted.
3. Connect the supplied end-of-line 10kΩ resistor from the accessory pack then connect it to the outstation.
4. Connect the field wiring for the outstation to the terminal.
5. Push the terminal into the correct position on the Line Card.
6. Set the dipswitch on the Display PCB to enable Line Card monitoring.

Once the Line Card is securely fitted, power up the Beacon Master Station be powered by connecting the mains first followed by the battery.

Removing a Line card

Before removing a Line Card, ensure that the Beacon Master Station is not powered. If the Beacon Master Station is powered, then power down the Beacon Master Station by removing the battery first followed by the mains.

To remove the Line Card:

1. Remove all terminals from the Line Card that are wired to an outstation.
2. Remove the screw that can be found between the green connectors
3. Remove Line Card from Exchange PCB, leaving the threaded spacer in the exchange PCB.
4. Set the dipswitch on the Display PCB to disable Line Card monitoring.

Once the Line Card has been removed, the Beacon Master Station may be powered by connecting the mains first followed by the battery.

