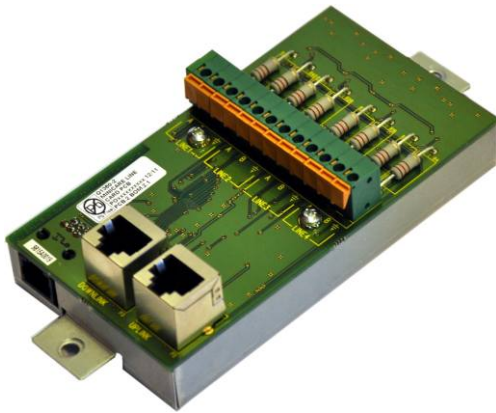# C2CEK4 Care2 4 Way Expansion Kit

Installation Instructions

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C2CEK4 Care2 Expansion Kit Fitting Details

The kit comprises of the C2CEK4 expansion module and a short RJ45 link lead.

Before attempting to fit this component ensure the <u>Mains Power</u> and <u>Battery Backup</u> have been disconnected.

1) Remove the 4 screws securing the Front Panel.

2) Open the Control Panel door to view the internal components.

3) Disconnect the black 0V connection from the battery to isolate the 24V supply.

Fitting Instructions continued

4)

Undo this screw holding the cable loom in place

The C2CEK4 Line Cards are fitted to the right of the first Line Card and are secured in place using 2 x M4x8 screws.

The lower mounting position is also used to hold the cable loom and this must be released before the C2CEK4 Line Card can be fitted.

5)

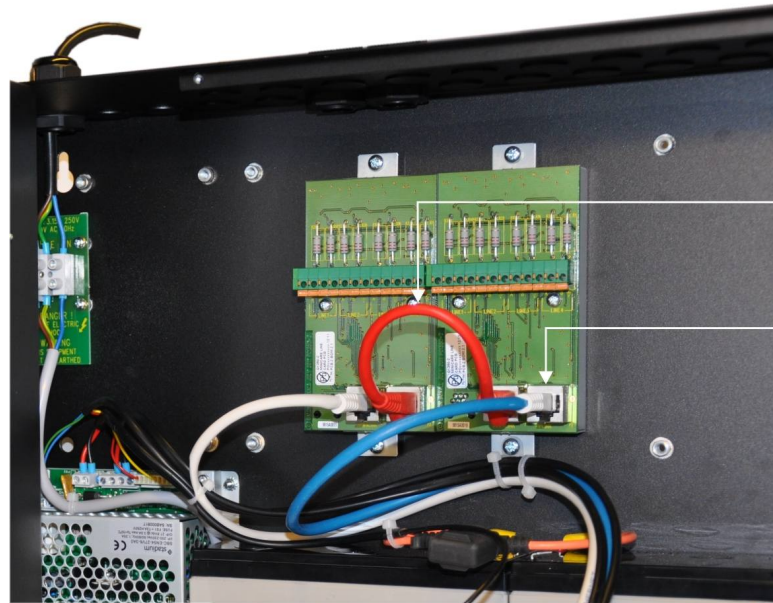*New C2CEK4 Line Card fitted in place*

Cable loom re-fitted in original location

Mount the new C2CEK4 module alongside the first line card and secure it in place with the M4x8 screws.

The lower screw is also used to secure the cable loom.
The loom should be re-fitted in the original position, on top of the C2CEK4 mounting plate.

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6) Disconnect the BLUE RJ45 cable from the "Uplink" socket on the Original Line Card.

7) Fit the short RED RJ45 cable from the "Uplink" socket on the original Line Card to the "Downlink" socket on the New Unit.

8) Connect the BLUE RJ45 to the "Uplink" socket on the New Unit.

Red RJ45 Link cable fitted between Line Cards

Blue Uplink cable moved and now connected to "Uplink" on new Line Card

If fitting only one C2CEK4 expansion then the hardware installation is complete.

NOTE: The **"Device Detection Procedure"** described in the following section must be completed before the new C2CEK4 unit can be used.

Fitting the Third or Fourth C2CEK4 Expansion Modules

To fit the third & fourth Line Cards repeat the procedure shown above (although it is not necessary to undo Loom screw).

Red RJ45 Link cables fitted between Line Cards

Blue Uplink cable moved and now connected to "Uplink" on 3rd Line Card
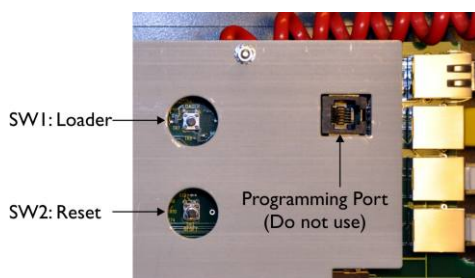

Red RJ45 Link cables fitted between Line Cards

Blue Uplink cable moved and now connected to "Uplink" on 4th Line Card

Control Panel with Three Line Cards   **Control Panel with Four Line Cards**

"Device Detection Procedure" and "System Reset"

Reconnect the battery 0V cable and reconnect mains power.

SW1: Loader

SW2: Reset

Programming Port (Do not use)

On the rear of the front panel are two switches.
These are used to initiate the "Device Detection Routine" and also a "System Reset".
To initiate the "Device Detection Routine":
Press and hold SW1, press & release SW2, then release SW1.

After successfully finding the new Line Cards the system will require a System Reset
To initiate the "System Reset":.
Press and hold SW2, press & release SW1, then release SW2.

B A L D W I N   B O X ▲ L L