

PROTEC 6500 IN-PANEL

CTU INSTALLATION

1. Installation

- a. Install CTU on to Protec 6500 Fire Alarm Panel Masterboard using supplied stand-offs (and plastic backing board if required).

2. Data Interface Connection

- a. Connect 5 wire loom (SGD Ribbon) on CTU board C2 connector (cable to the right)
- b. Connect to Protec SGD Relay Board 5 wire loom connector (cable to the right)

3. Mains Power Supply (24v DC)

- a. Connect one end of supplied 2 wire cable in to DC input on CTU
- b. Connect to the 24v DC output on the Protec 6500 Masterboard (OP1 or OP2)

4. Backup CTU Super Capacitor (22v)

- a. Connect 3 way Super Cap leads on to pins between DC and BATT
- b. Securely attach the Super Capacitor to the panel using tape and screws
Note light will momentarily illuminate red when charging or running on capacitor

5. CTU Aerials

- a. Dual aerials required. Connect aerial flyleads/cables to both the Main and Diversity connectors on the CTU
 - i. Fixed Antenna – Install bulkheads at top of panel following ‘4G LTE Aerial Installation’ recommendations (approx. 150-200mm apart). Mount fixed aerials on top of panel vertically using 2x 300mm extension flyleads.
 - ii. Cabled Antenna - Run cabling through top of Protec 6500 panel and mount following ‘4G LTE Aerial Installation’ recommendations (approx. 150-200mm apart). Temporarily fix aerials to window ready for commission testing.

6. Commissioning Tests

- a. Comms light illuminates solid green to show CTU is connected to the cellular network
- b. Contact office on 03 341 0464 to test and commission the CTU and complete the connection to Fire & Emergency NZ.

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