NOTIFIER AFP3030 IN-PANEL CTU INSTALLATION
with In-Built Enhanced Information

1. **Installation**
    a. Install SGD Interface Board on to Notifier AFP3030 Fire Alarm Panel using supplied stand-offs
    b. Install CTU on to AFP3030 SGD Interface Board using supplied stand-offs (Aerial connectors to right)

2. **Data Interface Connection**
    a. Connect 6 wire loom (SGD Ribbon) on CTU board C2 connector (white cable to right)
    b. Connect other end to AFP3030 SGD Interface Board (white cable to right)
    c. Connect RS-232 cable from CTU to Notifier PRINTER PORT.
        i. Black and red to 'REF'
        ii. Blue to 'PRX'
        iii. White to 'PTX'

3. **Mains Power Supply (24v DC)**
    a. Connect one end of supplied 2 wire cable in to DC input on CTU
    b. Connect other end to the 24v DC output on the AFP3030 Masterboard

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. Cabled Antenna - Run cabling through top of AFP3030 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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Wire DC to 24v output

CTU Dual Aerials

RS-232 Printer Port

22v Super Capacitor

CTU Dual Sim Cards

DC 24v From CTU

PRINTER — PTX PRX REF | CTX CTS/CRX REF — CRT | NUP

POWER DOWN BEFORE ADDING REMOVING NC

Masterboard Internal Printer Port

CTU RSSI Level Button

Fire Panel Test Switch

Fire Panel Isolate Switch

Jumper J2 & J3 – Must be on pins 2 & 3

22v Super Capacitor 3 Way Pins

SGD Interface Board

WARNING
Don't remove Jumper J1 as this will change fire normal input from high to low which will cause a Fire Call.

6 Wire Loom SGD Interface Board Connection