

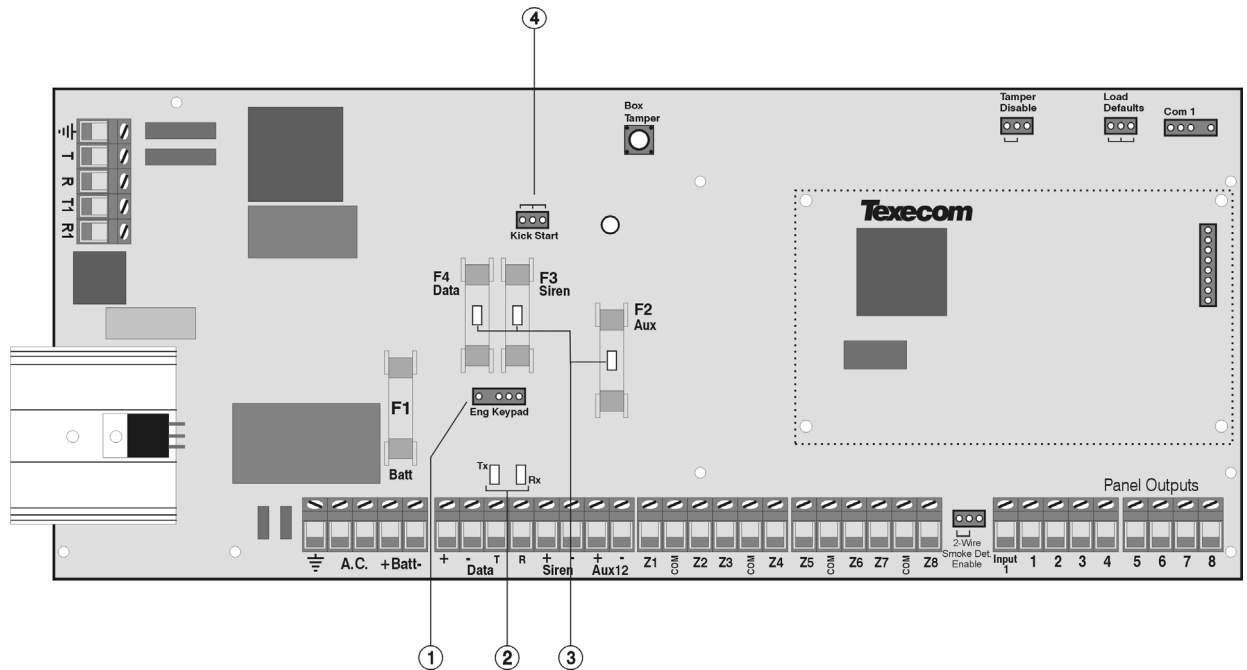
Premier 816 Plus

Introduction

This addendum provides additional information for the *Premier 816 Plus* control panel. It should be used in conjunction with the *Premier 412/816* Installation Manual (INS159-6).

New PCB Features

The figure below shows the PCB layout for the *Premier 816 Plus*. It should be used in conjunction with the PCB layout shown on pages 8 and 9 of the *Premier 412/816* Installation Manual (INS159-6):



① Engineers Keypad Connection

A portable Engineers keypad can be plugged onto this connector to allow easier access for programming and testing.

② Network Data Indicator LEDs

The red transmit (Tx) LED indicates that data is flowing out of the control panel and normally flashes very quickly. The green receive (Rx) LED indicates that data is flowing into the control panel. The green LED flashes faster as more devices are connected to the data network.

③ Fuse Blown Indicator LEDs

Fuses F2-F4 have red indicator LEDs, which light up when the relevant fuse has blown.

④ Battery Kick Start Pins

The *Premier 816 Plus* has a deep discharge protection circuit that prevents the standby battery from being fully discharged. When powering up the control panel without AC Mains (battery only), the centre and either outer pins must be shorted together in order to bring the battery into circuit.

Touch-Tone Remote Control

The *Premier 816 Plus* control panel has the ability to be remotely controlled via a touch-tone telephone (standard or mobile). This feature allows the system to be armed, disarmed and reset from a remote location; it also allows outputs to be remotely switched on and off.

For full details on operation, please refer to the Touch-Tone Remote Control User Guide (INS225).