Display Screens
Each screen is displayed by pressing its appropriate button, (I for Current, V/Hz for Voltage and Frequency, P for Power and E for Energy). Further presses of a screen’s button will scroll through the available measurements associated with that button. Each button’s state is stored in memory.

N.B. the energy readings are permanently displayed on the LCD’s fourth line.

Settings Menu
The main menu is entered by holding buttons ‘I’ and ‘E’ down for approximately 3 seconds. The main menu and all sub-menus are scrolled through using the ‘E’ button. Any selection is made using the ‘I’ button. If no buttons are pressed for 6 minutes the unit will exit the Settings Menu.

The Settings Menu structure is defined below:

Software:
Software can be provided for use with the optional RS485 module. The plug-in module enables the unit to communicate with devices using the popular Modbus protocol.

The LED brightness or LCD back-light brightness is adjusted by holding down the two centre buttons. The LCD’s back-light colour (blue, white or green) can be changed by holding the ‘I’ and ‘P’ buttons down for 6-8 seconds.
The VT ratio and the system current are entered using this sub-menu. The secondary voltage (meter input) is optimised at 280° V-LN. Decimal point positioning and exponent selection is used in this section.

The system's type is selected from the list on the right:

- Un-Balanced
- [1P2] 1 phase 2 wire
- [3P3] 3 phase 3 wire
- [1P3] 1 phase 3 wire
- Balanced
- [3P3B] 3 phase 3 wire
- [3P4B] 3 phase 4 wire

Comms (RS485)

- ADDRESS [ADDR]
- BAUD RATE [BAUD]
- STOP BITS [STOP]
- PARTITY [PAR]
- ENDIAN [END]
- LOCK [LOC]

The unit's baud rate, number of stop bits and parity can be selected from the lists on the right:

- [4.8] 4800 baud
- [9.6] 9600 baud
- [19.2] 19200 baud
- [38.4] 38400 baud
- [57.6] 57600 baud

Floating point numbers can be transmitted in Big Endian or Little Endian BYTE order and can be selected using the ENDIAN item. (word-swap option selectable for both).

Endian

[0] no stop bits
[1] 1 stop bit
[2] 2 stop bits

Parity

[0] no parity bit
[1] odd parity bit
[2] even parity bit

Confirmation is required before any changes are implemented. The changes are effective as soon as they are confirmed.