Quick Set Up Guide for the IC 995

PROGRAMMING THE METER
(User Setting)

This is used for programming the meter. Great care should be taken here to ensure you enter the correct details.

Select MENU: Move the highlighted feature up or down by pressing the arrows marked ▲ ▼ to the "SETTING" line.

Select SETTING: Press the return key ↵ this will take you to the Code screen.

```
      ┌─ MEASURE
      ├─ HARMONIC
M ┌───┼─ QUALITY
E │   ├─ ENERGY
N ┼───┼─ D.RELAYS
U │   ├─ SOE
      └─ SETTING
```

There is a security level here which must be entered to allow you to program the meter. The default password is "0001"

Enter the PASSWORD "0001" by pressing the keys with the four arrows on.

The two keys which have the arrows pointing up and down ▲ ▼ move the cursor along for you to enter your number in the correct sequence. The two keys with arrows pointing left and right ◄ ► increment the number up or down.

When you have selected the correct number press the return key ↵.

This will now take you to the "PROGRAMMING SCREEN"

Here is listed a small menu.

CONFIG
RS485
TARRIF
TIME
D.RELAYS

Select Menu: Move the highlighted feature up or down by pressing the arrows marked ▲ ▼ to the "CONFIG" line.

Select CONFIG. Press the return key ↵ this will take you to the CONFIGURATION screen.

```
CONFIG
NETWORK    3P4W
U RANGE    400V
I RANGE     5A
PT     0400/0400
CT     4000/0005
SN     429496
08-14-2009    17:57:16
```
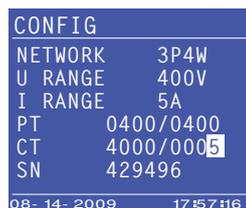
a. **Network: This can be set to 1 phase 2 wire, 3 phase 3 wire, 3 phase 4 wire.**
b. **V Range: This can be set at 100 volt or 400 volt**
c. **I Range: This can be set at 1 amp or 5 amp**

d. **PT: This can be set at Voltage ratio range**
e. **CT: This can be set at any current transformer ratio.**

E.g. programming the meter to be on a 3 phase 4 wire network 230/400 volt , 50 Hz, 200/5 amp.

Network:
Move the highlighted feature up or down by pressing the arrows marked ▲ ▼ to the "Network" line. The cursor will move over the "3p4w" symbol to alter this press the key with the arrows facing the right ► this will switch from 1p2w to 3p3w to 3p4w. Select the value you want then press the key with the arrow facing down, this moves the cursor to the line below.

V. Range:
You will notice that the 400 v is now highlighted. To change this, press the arrow key marked with the arrow pointing to the right ► the number will change to 100V. Select the voltage range you require and then press the key with the arrow marked down ▼ You will notice the 5A is now highlighted.

I Range:
To change this, press the arrow key marked with the arrow pointing to the right ► the number will change to 1A. select the setting you require and then press the key with the arrow marked down ▼. You will notice the 0400/0400 is now highlighted.

PT:
To change this you will need to operate four keys ▲ ▼ ◄ ►

The two keys which have the arrows pointing up and down ▲ ▼ move the cursor along for you to enter your number in the correct sequence.

The two keys with arrows pointing left and right ◄ ► increment the number up or down.

E.g. The cursor will move down over the first number to your left, to move this across to the next cursor press the key with the arrow facing down ▼ the cursor has now moved one space to the right. To increment the number at any point press the key with the arrow marked to the right. Continue until you have entered the correct numbers.

0400/0400 select the voltage range you require and then press the key with the arrow marked down ▼. You will notice the 0005/0005 is now highlighted.

C.T:
To change this you will need to operate four keys ▲ ▼ ◄ ►

The two keys which have the arrows pointing up and down ▲ ▼ move the cursor along

for you to enter your number in the correct sequence.

The two keys with arrows pointing left and right ◄ ► increment the number up or down.

E.g. The cursor will move down over the first number to your left, to move this across to the next cursor press the key with the arrow facing down ▼ the cursor has now moved one space to the right. To increment the number at any point press the key with the arrow marked to the right. Continue until you have entered the correct numbers: 0200/0005.

You must now press the return key ↵ this will set all the parameters you have chosen in the meter.

***Important :** You will receive the meter in the factory default mode which is suitable for 3 phase 4 wire network, 230/400 volt, 50 hz 0005/0005 amp.*

YOU SHOULD ONLY NEED TO PROGRAM THE CT RATIO AND THE TIME INTO THE METER E.g: 0200/0005 (200/5 ratio)

TIME:
Press the key with the arrow facing down ▼ until the Time is highlighted. Press return ↵ this takes you into Time screen.

```
TIME

  10-22-2009
  11: 03: 28
```

The cursor will now be over the first digit to the left (the date). Using the key with the arrow facing the right ► will increment the number. Press the key with the arrow facing down ▼ to move the cursor one step to the right and again press the key with the arrow facing the right ► to increment. Repeat this until the date is complete. When the last digit to the right has been entered press the key with the arrow facing down ▼ this will drop the cursor down to the time. Repeat using the keys as above until the time has been entered. When the time has been completed press return ↵ .

A box will appear with "YES" and "No" YES NO press the key with the arrow facing left ◄ the cursor has now moved over the "YES". Press return ↵ this has now programmed the time.

Press Menu. This returns you to CONFIG screen. **Press Menu** again for main menu.