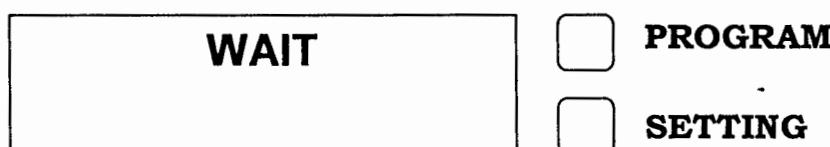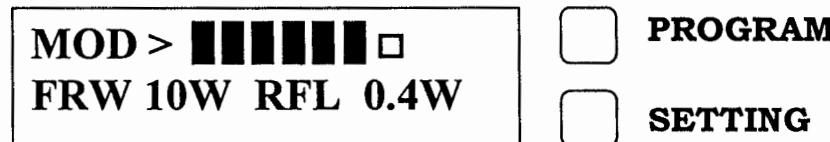# <u>NT 250 PROGRAMMING</u>

Connect a 50 ohm load or 50 ohm antenna to the RF output, connect the equipment into a mains supply (100÷240 VAC). The equipment is factory pre-set to 10 W.

Switch ON the power and the yellow V POWER LED will light.
The Display will show:

```
┌─────────────────────────┐     ┌─┐
│                         │     │ │   PROGRAM
│         WAIT            │     └─┘
│                         │     ┌─┐
│                         │     │ │   SETTING
└─────────────────────────┘     └─┘
```

After 3 seconds the green PLL LOCK led will light and the Display will show an increasing bar. After a further 5 seconds the green ENABLE LED will light and there will be output power
At this point the Display will show the next parameter:
- *Level Modulation (MOD >*
- *Forward Power (FRW 10W);*
- *Reflected Power (RFL 0.4W).*

```
┌─────────────────────────┐     ┌─┐
│ MOD > ■■■■■□            │     │ │   PROGRAM
│ FRW 10W  RFL  0.4W      │     └─┘
│                         │     ┌─┐
│                         │     │ │   SETTING
└─────────────────────────┘     └─┘
```

The default frequency is 98.000 MHz.
To display the frequency push the SETTING key.
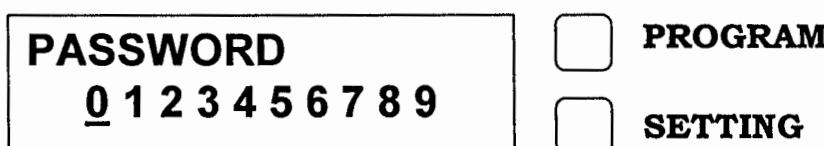*In order to display the parameter push the SELECT key.*

Display Password

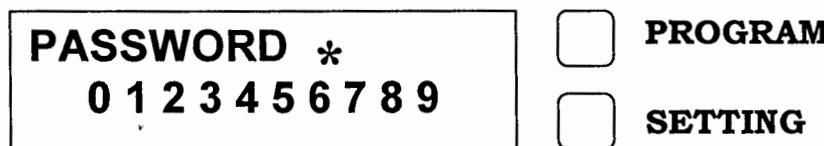*The Password mode is factory set to enable, and is not possible change this setting.*

*The default password is **1 2 3**.*
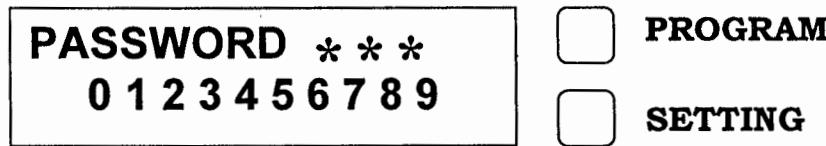
The way for changing the password is the following:

- *Press the PROGRAM key for 3 seconds;*

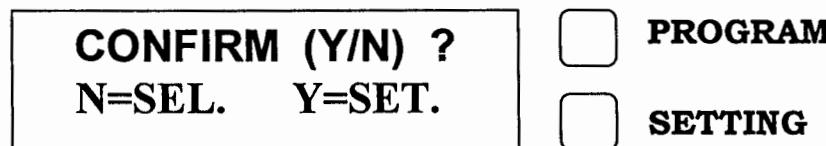| PASSWORD _0 1 2 3 4 5 6 7 8 9	◯ PROGRAM ◯ SETTING

- *Press the PROGRAM key to move the underscore character position at the required digit, and press the SETTING key to confirm the digit.*

PASSWORD * 0 1 2 3 4 5 6 7 8 9	◯ PROGRAM ◯ SETTING

Repeat the same for the two remaining digits.

PASSWORD * * * 0 1 2 3 4 5 6 7 8 9	◯ PROGRAM ◯ SETTING

- *If the password is correct press the SETTING key to confirm, otherwise press the PROGRAM key to select again.*

CONFIRM (Y/N) ? N=SEL. Y=SET.	◯ PROGRAM ◯ SETTING

If the password is not correct an error is displayed

ERROR PASSWORD	▢ PROGRAM ▢ SETTING

After a few seconds the display will show the parameters again.

When the password is correct, the display will show

NEW PASS . = SET. NEW FREQ . = PRG	▢ PROGRAM ▢ SETTING

To change the password press the SETTING key.
To change the frequency press the PROGRAM key.

CHANGE OF PASSWORD

The password is set at the factory and corresponds to the numbers 1 - 2 - 3.
However it is possible to set a new custom password.
The main purpose is to avoid somebody to enter your system and modify the
main parameters of your settings.

Every new password has to be made with only three numbers.

It is very important that you write somewhere the new password, because once that has been
set, it is not possible to change anymore or to make any change if the password is not entered.

VERY IMPORTANT:

KEEP TRACK OF YOUR NEW PASSWORD !!!!

- *For changing the password proceed with the same method for the required password:*

| NEW PASSWORD | ☐ PROGRAM |
| 0̲ 1 2 3 4 5 6 7 8 9 | ☐ SETTING |

The confirmation password will be required.

| CONFIRMATION | ☐ PROGRAM |
| 0̲ 1 2 3 4 5 6 7 8 9 | ☐ SETTING |

If the password is correct the display will show:

| STORED | ☐ PROGRAM |
| NEW PASSWORD | ☐ SETTING |

If the confirmation password is wrong the display will show:

| ERROR | ☐ PROGRAM |
| CONFIRMATION | ☐ SETTING |

IMPORTANT NOTE

! BE CAREFUL !

Once the password is set, it must be remembered, otherwise neither the frequency nor the password can be reset and the unit has to be sent back to the factory.

Display Change of Frequency.

- *Press the PROGRAM key for 3 seconds and enter the correct password. At this point press again the SELECT key:*

```
NEW PASS . = SET.          ☐ PROGRAM
NEW FREQ . = PRG           ☐ SETTING
```

- *Press the PROGRAM key to change the desired digit and press the SETTING key to confirm it.*

```
FREQUENCY  ?               ☐ PROGRAM
MHz 103.900                ☐ SETTING
```

The underscore character indicates which digit can be change.
To move the underscore character hit the PROGRAM key.

When the new frequency is chosen, then press the SETTING key confirm it.

After a "WAIT CYCLE", the display will show the parameters:

```
MOD > ■■■■■□               ☐ PROGRAM
FRW 5.0W  RFL  0.4W        ☐ SETTING
```

After 7 minutes the display light will switch off and the display will show:

```
NICOM                      ☐ PROGRAM
MHz 103.900                ☐ SETTING
```