

## **NT 1000 PROGRAMMING**

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

Switch ON the power and the yellow V POWER LED will light.

The Display will show:

<b>WAIT</b>	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

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 will light and there will be output power.

<b>WAIT</b> ■■■■■	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

At this point the Display will show the next parameter:

- Level Modulation (MOD >■■■■■□■■■ );
- Forward Power (FRW 50.0W);
- Reflected Power (RFL 0.4W).

<b>MOD &gt; ■■■■■□■■■</b> <b>PW 50W PR 0.4W</b>	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

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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;

<div style="border: 1px solid black; padding: 5px; display: inline-block;"><b>PASSWORD</b> <b><u>0</u> 1 2 3 4 5 6 7 8 9</b></div>	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

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

<div style="border: 1px solid black; padding: 5px; display: inline-block;"><b>PASSWORD *</b> <b>0 1 2 3 4 5 6 7 8 9</b></div>	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

Repeat the same for the two remaining digits.

<div style="border: 1px solid black; padding: 5px; display: inline-block;"><b>PASSWORD * * *</b> <b>0 1 2 3 4 5 6 7 8 9</b></div>	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

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

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

**NEW PASSWORD**  
**0 1 2 3 4 5 6 7 8 9**

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**PROGRAM**

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**SETTING**

The confirmation password will be required.

**CONFIRMATION**  
**0 1 2 3 4 5 6 7 8 9**

☐

**PROGRAM**

☐

**SETTING**

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If the password is correct the display will show:

<b>STORED NEW PASSWORD</b>	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

If the confirmation password is wrong the display will show:

<b>ERROR CONFIRMATION</b>	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

### 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 will have to be returned to Nicom for resetting.**

### Display Change of Frequency.

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

<b>NEW PASS . = SET. NEW FREQ . = PRG</b>	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

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

<b>FREQUENCY ? MHz <u>1</u>03.900</b>	<input type="checkbox"/> <b>PROGRAM</b>
	<input type="checkbox"/> <b>SETTING</b>

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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 > ■■■■■■ □**  
**PW 1000W PR 0.4W**

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**PROGRAM**

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**SETTING**

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

**NICOM**  
**MHz 103.900**

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**PROGRAM**

☐

**SETTING**

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