To Set the Decimal Point
1. If it’s not already shown, press MENU until the unit displays:

2. Press ▶/DEV. The unit displays:

3. Press ▼/MAX to move the decimal point to the desired location. The choices are FFFF and F.F.F.

4. Press MENU to select the decimal point position shown. The unit displays:

To Set the Setpoint Temperature (Fahrenheit or Celsius):
1. If it’s not already shown, press MENU until the unit displays:

2. Press ▶/DEV. The unit displays:

3. Press ▼/MAX to display the setting you want. Choices are F and C.

4. Press MENU to set the temperature until shown. The unit displays:

Warranty/Disclaimer
NEWPORT Electronics, Inc. warrants this unit to be free of defects in materials and workmanship for a period of one (1) year from the date of purchase. In addition to NEWPORT’s standard warranty period, NEWPORT Electronics will extend the warranty period for four (4) additional years if the warranty card enclosed with each instrument is returned to NEWPORT. If the unit should malfunction, it must be returned to the factory for evaluation. NEWPORT’s Customer Service Department will issue an Authorized Return Authorization (AR) number immediately upon phone or written request. Upon examination by NEWPORT, if the unit is found to be defective it will be repaired or replaced at no charge. NEWPORT’s WARRANTY does not apply to defects resulting from any action of the purchaser, including but not limited to mishandling, unauthorized modification, or misuse. NEWPORT reserves the right to determine the extent of any Warranty Void in the event the unit is evidence of having been tampered with or shows evidence of being damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misuse; misuse or other operating conditions outside of NEWPORT’s control. Components which are not warranted, including but not limited to contact points, fuses, and transistors, are not covered under this warranty.

NEWPORT is pleased to offer suggestions on the use of its products. However, NEWPORT neither assumes responsibility for any omissions or errors nor assumes liability for any damages that result from the use of its products in accordance with information provided by NEWPORT, either verbal or written. NEWPORT warrants only that the product will perform in accordance with its specifications. NEWPORT shall not be responsible for any loss, damage, expenses, or other costs incurred by the user, resulting from the use or misuse of any product, even if the user has been advised of the possibility of such loss, damage, expenses, or other costs.

NEWPORT’s standard warranty period is one (1) year from the date of purchase. NEWPORT Electronics will extend the warranty period for four (4) additional years if the warranty card enclosed with each instrument is returned to NEWPORT. This warranty card must be signed and returned to NEWPORT within 30 days of purchase in order to qualify for the extended warranty period. The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

For non-warranty repairs, please contact NEWPORT’s Customer Service Department at 714 540-4914. NEWPORT’s Customer Service Department can be reached at NEWPORT@newportUS.com.

RETURN REQUESTS/INQUIRIES

If the unit should malfunction, it must be returned to the factory for evaluation. NEWPORT’s policy is to make running changes, not model changes, whenever an improvement is possible. This affords our customers the latest in technology and engineering.

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Using This Quick Start Manual

Use this Quick Start Manual to set up your Controller and begin operation. Information is provided on how to:
- Connect ac power
- Connect the thermocouple
- Set basic options for operation

For complete information on all setup options, please refer to the Operator’s Manual.

Before You Begin

In addition to the controller and the related parts, you will need the following items to set up your unit:
- ac power, as listed on the units ID/Product Label
- Thermocouple
- 1/8-inch flat-blade screwdriver.

Mount the Unit

1. Cut a panel opening using the dimensions shown to the right.
2. Position the unit in the opening, making sure the front bezel gasket is flush to the panel.
3. Slide on mounting bracket to secure.

Connect the Thermocouple

1. Locate the Thermocouple connector on the rear of the unit. Refer figure below for location.
2. Attach the thermocouple wires.
   - Connect positive (+) lead of thermocouple.
   - Connect negative (-) red lead of thermocouple.
3. Tighten the lockdown screws. The following figure shows the correct wiring.
4. Tug gently on the wires to verify the connections.
5. Replace the panel at the back of the unit.

Connect AC Power

1. Remove the panel at the back of the unit.
2. Locate the TB1 connector.
3. Insert the correct wire in each terminal as shown in the following figure and tighten the lockdown screws.
4. Tug gently on the wires to verify the connections.

Configure the Unit

To configure the unit, you use the buttons on the front panel.

<table>
<thead>
<tr>
<th>To:</th>
<th>Take This Action:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display the</td>
<td>Press the MENU button. The first</td>
</tr>
<tr>
<td>Configuration</td>
<td>on the menu, INPT, displays.</td>
</tr>
<tr>
<td>Menu</td>
<td></td>
</tr>
<tr>
<td>Select a submenu</td>
<td>1. Press MENU until the function</td>
</tr>
<tr>
<td>function</td>
<td>you want is shown.</td>
</tr>
<tr>
<td></td>
<td>2. Press /DEV. The information you can</td>
</tr>
<tr>
<td></td>
<td>change begins to flash.</td>
</tr>
<tr>
<td>Select a value</td>
<td>1. Press /MAX to display the option</td>
</tr>
<tr>
<td>for that submenu</td>
<td>you want.</td>
</tr>
<tr>
<td>function</td>
<td>2. Press MENU to select it.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Go back to the</td>
<td>Press RESET once.</td>
</tr>
<tr>
<td>previous menu</td>
<td></td>
</tr>
<tr>
<td>function</td>
<td></td>
</tr>
<tr>
<td>Exit the</td>
<td>Press RESET twice. The unit</td>
</tr>
<tr>
<td>Configuration</td>
<td>reinitializes (displays RST, then</td>
</tr>
<tr>
<td></td>
<td>T/C). When the temperature displays,</td>
</tr>
<tr>
<td></td>
<td>the unit is back in run mode.</td>
</tr>
<tr>
<td></td>
<td>(Optionally, you can press MENU to</td>
</tr>
<tr>
<td></td>
<td>move through all the menu functions</td>
</tr>
<tr>
<td></td>
<td>until the unit reinitializes.)</td>
</tr>
</tbody>
</table>

To Set the Thermocouple Type:

1. Press MENU until the unit displays:
2. Press /DEV. The unit displays:
3. Press /MAX until the thermocouple for your installation is shown.
   Choices are J.TC, K.TC, T.TC, DJ.TC
4. Press MENU to select the thermocouple shown.
   The unit displays:

Turn On the Unit

1. Apply ac power to the unit.
   As the unit initializes, flashing RST and then T/C on the front panel. Then the temperature should appear.
2. Verify that a temperature is displayed. If not:
   - Remove ac power
   - Verify the TB1 power connections
   - Check your power source
   - Apply ac power again.