

# Quick Guide for Tempmaster™ MT / MT2 Controller



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## Global Support

## Main Screens and Menus

### Main Display



### Functions:

- Displays Actual and Set temperature for each of the two zones
- Displays the applied power and current

### Initial Menu



### Description:

Button	Function
↑	Raises temperature or power
↓	Lowers temperature or power
⏻	Switches control form Manual to Auto mode
⏻	Switches zone on or off
⚙️	Displays setup options
✖	Closes the menu

### Function Menu



### Gives access to:

- Displays three run modes: Manual, Standby and Boost
- [Program] button displays the configuration options
- [X] button moves user back through the menu

## Configure the Controller

### Set the Temperature Scale

- Choose any zone to see the Initial menu.
- Choose [⚙️] to see the Function menu.
- Choose [Program] to see the Program menu.
- Choose [↑] or [↓] to find the page containing a C/F option.
- Choose [C/F] to see the Temperature Scale option.
- Choose [C] or [F] as required.
- Choose [✖] twice to return to the Main display.

### Choose J / K Type Thermocouples

- Choose any zone to see the Initial menu.
- Choose [⚙️] to see the Function menu.
- Choose [Program] to see the Program menu.
- Choose [↑] or [↓] to find the page with the thermocouple option.
- Choose [T/C] to open the sensor type option.
- Choose [J] or [K] to suit the tool in use.
- Choose [✖] twice to return to the Main display.

### Set the Boost / Standby Temperature

- Choose any zone to see the Initial menu.
- Choose [⚙️] to see the Function menu.
- Choose [Program] to see the Program menu.
- Choose [↑] or [↓] to find the page containing the Boost or Standby option.
- Choose [Boost] or [Standby] to open the value setting option.
- Use [↑] and [↓] to set the required Boost or Standby temperature.
- Choose [✖] twice to return to the Main display.

## Set Warning and Alarm Temperature Limits

1. Choose any zone to see the Initial menu.
2. Choose [**Fx**] to see the Function menu.
3. Choose [**Program**] to see the Program menu.
4. Choose [**Ot**] to open the Over temperature limit.
5. Use [**↑**] or [**↓**] to set the required Over temperature limit.
6. Choose [**Fx**] to return to the Program menu.
7. Choose [**Ut**] to open the Under temperature limit.
8. Use [**↑**] or [**↓**] to set the required Under temperature limit.
9. Choose [**Fx**] twice to return to the Main display.

## Set a Response to a Thermocouple Fail

1. Choose any zone to see the Initial menu.
2. Choose [**Fx**] to see the Function menu.
3. Choose [**Program**] to see the Program menu.
4. Choose [**↑**] or [**↓**] to find the page containing the Auto-Man option.
5. Choose [**Auto-Man**] to open the page.
6. Choose [**On**].
7. Choose [**Fx**] twice to return to the Main display.

## Change Screen Language

1. Choose any zone to see the Initial menu.
2. Choose [**Fx**] to see the Function menu.
3. Choose [**Program**] to see the Program menu.
4. Choose [**↑**] or [**↓**] to find the page containing the Language option.
5. Choose [**Language**] to open the page.
6. Choose the required language.
7. Choose [**Fx**] twice to return to the Main display.

## Set Zone Temperatures

1. Choose the required zone.
2. Use [**↑**] or [**↓**] to set the required operating temperature.
3. Choose [**Fx**] twice to return to the Main display.
4. Repeat for other zones.

## Operate the Controller

### Start and Stop the Controller

1. Choose any zone to see the Initial menu.
2. Choose [**⏻**] to Start.
3. Choose [**Fx**] to return to Main display.  
The chosen zone is now in Auto-Run mode
4. Repeat these steps to start any other zones.

**Note:** If the controller is on, the [**⏻**] button turns the controller off.

### Change Temperature

1. Choose any zone to see the Initial menu.
2. Choose [**↑**] to raise the temperature or [**↓**] to lower the temperature.

## Change to Manual Mode – Individual Zones

1. Choose any zone to see the Initial menu.
2. Choose [**Fx**] to see the Function menu.
3. Choose [**Manual**] to enter Manual mode.
4. Choose [**Fx**] to return to Main display.  
The chosen zone is now running in Manual mode.

## Return to Auto Mode

1. Choose any zone to see the Initial menu.
2. Choose [**↺**] to return to Auto mode.

## Change to Boost / Standby Mode - Individual Zones

1. Choose any zone to see the Initial menu.
2. Choose [**Fx**] to see the Function menu.
  - a) Choose [**Boost**] and temperature will increase to preset level.  
Screen returns to Main display with Boost Temperature and confirmation message [**tup**] flashing alternately in Actual Temperature window.

**Note:** The Boost time limit is set to two minutes.

- b) Choose [**Standby**] and temperature will reduce to preset level.  
Screen reverts to the Main display with Standby Temperature and confirmation message [**tdn**] flashing alternately in Actual Temperature window.

## For MT Controller Only:

### Switch to Standby or Boost Mode – All Zones

#### For Standby mode:

- Move the switch on the console towards the right.
- All zones will reduce to the Standby temperature and remain at this level until the switch is put back to the center Off position.

#### For Boost mode:

- Move the switch towards the left.
- All zones will increase by the boost amount for a set period of two minutes only, even if the switch is left in the Boost position.

**Note:** this feature may not be available due to factory settings. Refer to the user manual for instructions on how to check if this is the case.

## Global Support

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