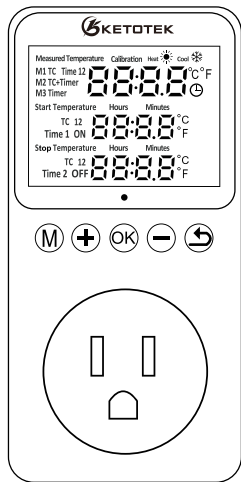




# PLUG IN THERMOSTAT Day/Night Temperature Controller

INSTRUCTION MANUAL

Model: KT3200 US



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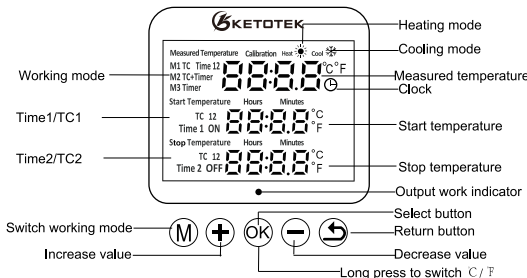
## Introduction

The KT3200 temperature controller display the measured temperature, set the start and stop temperature to control the heating or cooling equipment. It also has time function to set day and night temperature independently. It is widely used in intelligent control such as heating, refrigeration, brewing, reptile, aquaculture, greenhouse, home life and many other places.

## Warning

1. Before you use this unit, check on the plastic shell. Do not use it if there is any damaged.
2. The output is max 15A. Please use resistance load less than 15A. Inductive load less than 2A.
3. Do not use this unit in the environment of explosive much gas, steam or dusty.
4. Do not allow children to operate the device.
5. Do not disassemble the device by yourself.

## Specifications



Power Supply: 100~250Vac 50/60hz  
 Temperature control range: -72~176°F / - 40~120°C  
 Setting Time: 0~24h / Daily cycle timer  
 Control accuracy: ±1°F / ±1°C  
 Sensor: NTC10K 3m  
 Output: Max 15A/120V US plug  
 Working Mode: M1 M2 M3 can be choose

## M1 TC: temperature control mode

Press **M** to choose M1 TC. the KT3200 will work in temperature control mode. Long press **OK** to switch C/°F. Press **OK** to select each digit. Press **+** or **-** to adjust start temperature and stop temperature.

### Heating mode:

When you set start temperature < stop temperature. The KT3200 will work in heating mode. LCD screen display **\***. Heater connected to the output. Heater work when measured temperature < start temperature, LED indicator lights up. Heater stop when measured temperature ≥ stop temperature, LED indicator lights off.

For example, set start temperature 68°F. stop temperature 77°F. heater work when measured temperature < 68°F. Heater stop when measured temperature ≥ 77°F.

### Cooling mode:

When you set start temperature > stop temperature. The KT3200 will work in cooling mode. LCD screen display **\***. Cooler connected to the output. Cooler work when measured temperature > start temperature, LED indicator lights up. Cooler stop when measured temperature < stop temperature, LED indicator lights off.

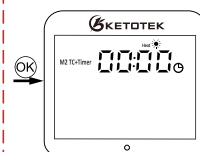
For example: set start temperature 77°F. stop temperature 68°F. Cooler work when measured temperature > 77°F. Cooler stop when measured temperature ≤ 68°F.

## M2 TC+Timer: Day/night temperature control

Press **M** to choose M2 TC+Timer. KT3200 will work in day/night two time period temperature control mode. Screen display real-time temperature and clock in turn, and current time temperature control program.

You can set Clock, Time1, Time2, TC1 and TC2. In each 24 hours, Day time (Time1~Time2) run TC1 program. Night time (Time2~Time1) run TC2 program.

Press **OK** to go into setting. Press **OK** to select next digit. Press **↻** to return one digit. Press **+** or **-** to adjust value. Press **M** to switch to setting page 2~3.



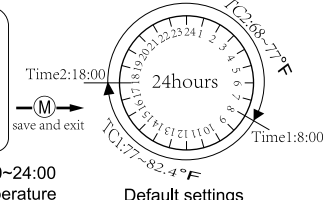
Page1: Set current time clock 00:00~24:00



Page2: Set Time1 00:00~24:00 TC1 start and stop temperature



Page3: Set Time2 00:00~24:00 TC2 start and stop temperature



## M3 Timer: 2 time period timer only

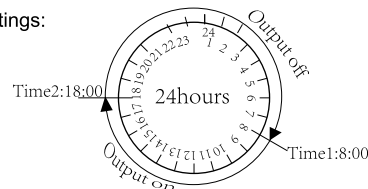


on  
Time1~Time2 : output on



off  
Time2~Time1 : output off

M3 Default settings:



## Temperature Calibration

In power off state, Press and hold **M** to plug KT3200 into power outlet, the screen will display 0.0 and flash. Press **+** or **-** to adjust the value in range -9.9~9.9°C. Press and hold **M** to save and exit.



## Reset

Press **↻** 3 seconds to restore factory setting.

## Switch C/°F

Press **OK** 3 seconds to switch C/°F.

## Memory function

All data except the clock will be saved after power failure. The clock needs to be reset when power on. If KT3200 work in M1 mode before power failure, it will automatically resume operation after power on again. If KT3200 work in M2 or M3 mode before power failure, you will need to reset the clock at first when power on again.

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