

# SureStat DT20 Operation Instructions

## Temperature Mode Setup

(Used to automate a device based on temperature)

- To use the DT20 for temperature control, press the MODE button repeatedly until the display reads Measured Temperature at the top like in the picture to the right. The top display is the current air temperature in the room.
- To set the Start and Stop temperatures, press the SET button until the desired setting is flashing. Then raise or lower the temperature by pressing the UP or DOWN button. You can hold the button down for quicker adjustment.
- Press the MODE button when done with setup. The LED on the front will light up when power is being supplied to the device you have connected to the DT20.



When Start/ON is set to a higher temperature than Stop/OFF, cooling mode is activated. When the OFF temperature is higher, heating mode is activated. In the example on the display above, the DT20 will cut a heater on at any temperature below 75.2 and cut the heater off when the temperature rises above 89.6.

## Repeat Cycle Timer Setup

(Used to automate a device based repeating timed periods)

- To use the DT20 for cycle timing, press the MODE button repeatedly until the display reads Cycle Timer F01 at the top like in the picture.
- To set the ON and OFF times, press the SET button until the desired setting is flashing. Then increase or decrease the time by pressing the UP or DOWN button. You can hold the button down for quicker adjustment.
- Press and hold the MODE button for 5 seconds when done with setup to start timer. Repeat this step to stop timer.



The ON setting shows how long power will be supplied to the device you have connected to the DT20. The OFF setting shows how long the device will be off in between ON times. In the example on the display to the right, power will be supplied for 12 minutes. Then it will cut the device off for 12 hours and repeat this cycle continuously.

## Countdown Timer Mode Setup

(Used to automate a device based on a single timed period)

- To use the DT20 as a countdown timer, press the MODE button repeatedly until the display shows F02, F03, or F04 at the top like in the picture. All 3 modes perform either a single ON or OFF period or combination of an ON and OFF period performed once.
- To set the ON and OFF times, press the SET button until the desired setting is flashing. Then increase or decrease the time by pressing the UP or DOWN button. You can hold the button down for quicker adjustment.
- Press and hold the MODE button for 5 seconds when done with setup to start timer. Repeat this step to stop timer.

