

## SPECIFICATIONS

Timing Channels: 4 independent timing channels

Timing Capacity: 99 hours, 59 minutes, 59 seconds

Accuracy:  $\pm 0.01\%$

## TIME-OF-DAY CLOCK SETTING

1. Press the CLOCK button to display the time-of-day.
2. Press and hold the CLOCK button for 3 seconds. The time-of-day will slowly flash on the display.
3. Press the H (hours), M (minutes), or S (seconds) button to advance the time-of-day. Press and hold down the H, M, or S button to rapidly advance the display.
4. Once the desired time-of-day is on the display, press the CLOCK button to confirm the entry.
5. To set the 12 or 24-hour format, slide the 12HR/24HR switch (located on the back of the unit) to the desired position.

## COUNTDOWN ALARM TIMING

1. Press the T1, T2, T3, or T4 button. The display will show T1, T2, T3 or T4 at the top.
2. Clear the display to zero.
3. Press the H (hours), M (minutes), and/or S (seconds) button to advance the display to the desired countdown time. Press and hold down the button to rapidly advance the display.
4. Once the desired countdown time is on the display, press the START/STOP button to begin countdown timing.

All four timing channels may be running simultaneously, simply follow steps 1 through 3 to set countdown times for each channel.

When a channel is timing but is not being displayed, the corresponding channel indicator (T1, T2, T3, or T4) will flash on the display.

5. When a timing channel reaches zero, the alarm for the channel will sound and the channel will begin counting up.

## ABOUT ALARMS

The alarm will sound for 60 seconds and then turn off automatically to preserve battery life.

When a timing channel reaches zero, but is not being displayed, the alarm for that channel will sound and the channel will begin counting up.

To silence the alarm and stop the count-up timing for the channel that is alarming, press the START/STOP button.

When multiple channels are alarming, the alarm for the most recent channel to reach zero will sound. Example: If T1 is alarming (1 beep) and then T2 reaches zero, you will hear the alarm for T2 (2 beeps).

When multiple channels are alarming, pressing the START/STOP button turns off the alarm and stops the count-up timing for the channel that is alarming. The other channels will continue counting up. To stop the count-up timing for the other channels, press the corresponding channel button (T1, T2, T3, or T4) and then press the START/STOP button.

## MEMORY RECALL

When timing repetitive intervals, the memory function will recall the last programmed time for each channel.

1. Follow steps 1 through 4 in the "Countdown Alarm Timing" section.
2. Once the count-up timing has been stopped for the corresponding channel (T1, T2, T3, or T4), press the START/STOP button to recall the last programmed time.
3. Press the START/STOP button to begin counting down. You may repeat this process as often as needed for each channel.

Note: If the CLEAR button is pressed when the time is stopped, it clears the display to zero and clears the last programmed time from memory for the channel being displayed.

## CLEARING THE DISPLAY TO ZERO

If an error is made during an entry, press the CLEAR button to clear the display to zero. To clear an entry when time is running, first stop the timing by pressing the START/STOP button, then press the CLEAR button. A timing channel will only clear when time is stopped.

## STOPWATCH (COUNT-UP) TIMING

1. Press the T1, T2, T3, or T4 button.
2. Clear the display to zero.
3. Press the START/STOP button to begin count-up timing.

All four timing channels can be running simultaneously, simply follow steps 1 through 3 to begin count-up timing for the other channels.

When a channel is timing but is not being displayed, the corresponding channel indicator (T1, T2, T3, or T4) will flash on the display.

4. When timing has been completed for a channel (T1, T2, T3, or T4) and the timing has been stopped, press the CLEAR button to clear the display to zero.

## TIMEOUT

Any channel may be stopped during any running time. Press the corresponding channel button (T1, T2, T3, or T4) to display the channel, then press the START/STOP button. Timing may be resumed by pressing the START/STOP button.

## CONVERT A TIMEOUT TO A COUNTDOWN TIME

Any channel may be stopped during any running time (countdown or count-up) by pressing the START/STOP button. Once the timing has been stopped, pressing the H, M, or S button will increment the display from the point that it was stopped and will set the timer into countdown mode. Once the desired time is on the display, press the START/STOP button to begin countdown timing.

## ALL OPERATIONAL DIFFICULTIES

If this timer does not function properly for any reason, please replace the batteries with new high quality batteries (see the "Battery Replacement" section). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the batteries with new fresh batteries will solve most difficulties.

## BATTERY REPLACEMENT

An incorrect display, no display or operational difficulties indicate that the batteries should be replaced. Slide open the battery cover on the back of the timer. Remove the exhausted batteries and insert two new #357 size silver oxide batteries. Insert the batteries with the positive "+" side visible. Replace the battery cover.

## WARRANTY, SERVICE, OR CALIBRATION

For warranty, service, or calibration contact:

### CONTROL COMPANY

12554 Galveston Rd. Suite B230

Webster, Texas 77598 USA

Ph. 281 482-1714 • Fax 281 482-9448

E-mail [sales@control3.com](mailto:sales@control3.com) • [www.traceable.com](http://www.traceable.com)

Control Company is ISO 9001:2008 Quality-Certified by DNV and ISO/IEC 17025:2005 accredited as a Calibration Laboratory by A2LA.

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