## SPECIFICATIONS

Timing Capacity:    99 hours, 59 minutes, 59 seconds
Timing Accuracy:    ±0.01%
Timing Channels:    2 independent timing channels
Countdown Memory: 1 per channel
Alarm Volume:    High, Low, or Mute

## VISUAL LED ALERT

For each channel, during countdown timing, the LED around the corresponding T1 / T2 button will flash green every 4 seconds when time remaining is greater than 60 seconds, every 2 seconds when time remaining is less than 60 seconds, but greater than 10 seconds, and every second when time remaining is less than 10 seconds.

During countdown timing, when the display reaches zero for a channel, the LED around the corresponding T1 / T2 button will flash red for up to sixty (60) seconds, or until the S/S button is pressed.

The visual LED alert is not affected by the alarm volume.

## ALARM VOLUME

Slide the alarm volume switch, located on the right side of the timer, to the desired position. HI (high alarm volume), LO (low alarm volume) or MUTE (no alarm audible sound). The alarm volume may be changed at any time without affecting the timing operation. The visual LED alert is not affected by the alarm volume.

## CLEARING THE DISPLAY TO ZERO

Select the desired channel by pressing the T1 / T2 button. Press the HR and MIN buttons simultaneously to clear the display to zero. To clear the display to zero when time is running on the selected channel, stop the timing by pressing the S/S button, then press the HR and MIN buttons simultaneously. The timer will only clear when time is stopped for the selected channel.

## COUNTDOWN ALARM TIMING

1. Select the desired channel by pressing the T1 / T2 button.
2. Clear the display to zero.
3. Press the HR (hours), MIN (minutes) and SEC (seconds) buttons to advance the display to the desired countdown time.
4. Once the desired time is on the display, press the S/S button to begin countdown timing.

5. When the timing channel reaches zero, the alarm will start (audible and visual or visual only depending on the alarm volume setting) and the timing channel will begin counting up.

The alarm will continue for one minute and then turn off automatically to preserve battery life while the timing channel continues counting up.

While a channel is alarming, once the channel is selected by pressing the T1 / T2 button, pressing the S/S button will stop the alarm, stop the count-up timing, and recall the last programmed countdown time.  After one minute, pressing the S/S button for the selected channel will stop the count-up timing.

Both timing channels may be used simultaneously.

## SETTING COUNTDOWN MEMORY
For timing repetitive intervals, the countdown memory function allows up to two (2) distinct countdown times (one per timing channel) to be set into memory and recalled with the press of a button.

1. Select the desired channel by pressing the T1 / T2 button.
2. Clear the display to zero.

3. Press and hold the M (memory) button for three (3) seconds (the display will flash zero).
4. Press the HR (hours), MIN (minutes) and SEC (seconds) buttons to advance the display to the desired countdown time.
5. With the desired countdown time on the display, press the M (memory) button to confirm the entry (the display will no longer flash).

## COUNTDOWN MEMORY TIMING
1. Select the desired channel by pressing the T1 / T2 button.
2. Clear the display to zero.
3. Press the M (memory) button to recall the countdown memory time for the selected channel.
4. Press the S/S button to begin countdown timing.
5. When the timing channel reaches zero, the alarm will start (audible and visual or visual only depending on the alarm volume setting) and the timing channel will begin counting up.

The alarm will continue for one minute and then turn off automatically to preserve battery life while the timing channel continues counting up.

While a channel is alarming, once the channel is selected by pressing the T1 / T2 button, pressing the S/S button will stop the alarm, stop the count-up timing, and recall the programmed countdown time. After one minute, pressing the S/S button for the selected channel will stop the count-up timing. To recall the programmed time, press the M button.

Both timing channels may be used simultaneously.

## CLEARING COUNTDOWN MEMORY
1. Select the desired channel by pressing the T1 / T2 button.
2. Clear the display to zero.
3. Press and hold the M (memory) button for three (3) seconds (the display will flash zero).
4. With the display flashing zero, press the M (memory) button to confirm the entry (the display will no longer flash).

## STOPWATCH (COUNT-UP) TIMING
1. Select the desired channel by pressing the T1 / T2 button.
2. Clear the display to zero.
3. Press the S/S button to begin count-up timing.
4. Press the S/S button to stop count-up timing.

Once timing is complete and the timer has been stopped, press the HR and MIN buttons simultaneously to clear the display to zero.

Both timing channels may be used simultaneously for countdown or count-up timing.

## TIMEOUT
A timing channel may be stopped during any running time (countdown or count-up) by selecting the channel and pressing the S/S button. Timing may be resumed by pressing the S/S button a second time.

## CONVERT A TIMEOUT TO A COUNTDOWN TIME
A timing channel may be stopped during any running time (countdown or count-up) by selecting the channel and pressing the S/S button. Once the timing has been stopped, pressing the HR, MIN and SEC buttons 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 S/S button to begin countdown timing.

## ALL OPERATIONAL DIFFICULTIES
If this timer does not function properly for any reason, 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.
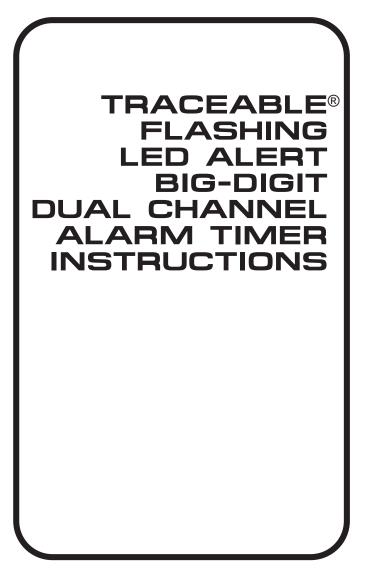
## BATTERY REPLACEMENT
An incorrect display, no display or operational difficulties indicate that the batteries should be replaced. Slide open the battery cover on the back of the timer. Insert two (2) new AAA alkaline batteries. Make certain to note the proper polarity as indicated by the diagram in the battery compartment. Replace the battery cover.

## WARRANTY, SERVICE, OR CALIBRATION
For warranty, service, or calibration contact:

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