

# TRACEABLE® 4-CHANNEL BIG DIGIT TIMER INSTRUCTIONS

## SPECIFICATIONS

Display: ¾"-high digits show hours, minutes, seconds (sec ½"-high)

Accuracy: 0.01%

Timing Channels: Four independent channels

Timing: 1 second to 99 hours, 59 minutes, 59 seconds

Capacity: 59 seconds

Alarm: Audible and visual (distinct audible alarm for each channel)

Memory: Automatic recall of last programmed time (all four channels)

Functions: Countdown timing and count-up (stopwatch) timing

Clock: Time-of-day with PM indicator and 12 or 24 hour format

Size/Weight: 2.75" x 2.5" x .5" / 2 oz.

Attachments: Clip, magnetic back, and stand

## OPERATION

### Time-of-Day Clock Setting

1. Press and hold CLOCK button for 3 seconds. Time-of-day slowly flashes on the display.
2. Press H (hours), M (minutes), or S (seconds) button to advance time-of-day. Press and hold H or M button to rapidly advance display. S button will reset second digits to zero when in 0 to 30 seconds range, in the 31 to 59 seconds range it will reset seconds to zero and advance minutes by one.  
**NOTE:** PM time indicated by "P" on LCD.
3. Once desired time-of-day is on display, press CLOCK button to confirm your entry.
4. To set 12 or 24-hour format, make sure clock is displayed. Press and hold START/STOP button for 3 seconds to toggle between 12 and 24 hour formats.

### Countdown Alarm Timing

1. Press T1, T2, T3, or T4 button. Display shows T1, T2, T3 or T4 in right corner. If channel is running, press START/STOP button and then press C button. Display should read 0:00 00.
2. Press H (hours) button to advance hour digits. Each press is confirmed with a sound. Press and hold H button to rapidly advance hours.  
  
Press M (minutes) button to advance minutes digits. Each press is confirmed with a sound. Press and hold down M button to rapidly advance minutes.  
  
Press S (seconds) button to advance seconds digits. Each press is confirmed with a sound. Press and hold down S button to rapidly advance seconds.
3. Once desired time is on display, press START/STOP button to begin timing down.

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

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

4. When the timing channel reaches 0:00 00, an alarm will sound for 60 seconds and channel will begin counting up until turned off.

When a timing channel reaches 0:00 00 but is not being displayed, alarm for that channel will sound for 60 seconds. The corresponding channel indicator (T1, T2, T3 or T4) will begin to flash slower and channel will begin counting up.

When multiple channels are alarming, alarm for most recent channel to reach 0:00 00 will sound.

### EXAMPLE:

If T1 is alarming (1 beep) and T2 reaches 0:00 00, you will hear alarm for T2 (2 beeps).

The alarm will sound for 60 seconds and then turn off automatically. To turn alarm off manually, press any button.

When multiple channels are alarming, press any button to turn off alarm and stop count up timing for channel being displayed, other channels will continue counting up. To stop count-up timing for other channels, press corresponding channel button (T1, T2, T3, or T4) and then press START/STOP button. To clear display, press C button.

**NOTE:** Press C button to clear display to 0:00 00 and also clear last programmed time for that channel. See "Memory Recall" section for recalling last programmed time.

Timer is stopped by pressing START/STOP button and restarted by pressing START/STOP button (see Timeout Function).

### Correcting an Entry

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

### Memory Recall

When timing repetitive intervals, memory function will recall last programmed time for each channel. This feature allows timer to be dedicated to frequently timed tests. Timer will return to desired time period again and again.

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

**NOTE:** If C button is pressed when time is stopped, it clears display and memory for channel being displayed.

### Stopwatch (Count-Up) Timing

1. Press T1, T2, T3, or T4 button. The display will show T1, T2, T3 or T4 in right corner. If timer is running, press START/STOP button and then press C button. Display should read 0:00 00.

2. Press START/STOP button to begin count-up timing.

All four timing channels can run simultaneously, simply follow steps 1 through 2 to begin count-up timing for other channels.

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

Timer may be stopped by pressing START/STOP button and restarted by pressing START/STOP button (See Timeout Function).

3. When timing has completed for a channel (T1, T2, T3, or T4) and timing has stopped, press C button to clear display to 0:00 00.

### Timeout

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

### ALL OPERATIONAL DIFFICULTIES

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

### BATTERY REPLACEMENT

An incorrect display, no display or operational difficulties indicate the battery should be replaced. Use a coin to open battery cover on back of timer (turn cover approximately 1/8 turn counter-clockwise). Equivalent battery replacements are: RAYOVAC RW42, DURACELL D357, and EVEREADY 357. Insert battery with positive side facing you. Replace battery cover. Replacement battery Cat. No. 1039.

### WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

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