GENERAL INFORMATION
The timing capacity is 100 hours to 1 second. The unit may be set to count
down and alarm, or count up and alarm. A ’thru-zero’ feature counts to the
programmed time, alarms, and counts up. A memory function recalls the last
programmed time. An audible alarm sounds for one minute when a
programmed time is reached. A visual alarm flashes constantly until
manually turned off. A timeout feature allows the timer to be stopped for “off”
periods and restarted. The clock mode displays time-of-day to the second,
has a time-of-day alarm, and sounds an hourly signal.

COUNT DOWN ALARM TIMING
1. Press the MODE key until TMR appears on the display. If the timer is
running, press the STOP key to stop the timer. Press the RESET key to
clear the display to zero. Press the (▼) key until ▼ appears on the
display (▼ indicates count down timing).
2. Press the number keys 0 through 9 to set desired hours, minutes and
seconds. Example: to set 89 hours, 53 minutes, 27 seconds—press
8,9,5,3,2,7. Example: to set 12 minutes, 32 seconds—press 1,2,3,2.
Example: to set 58 seconds—press 58.
3. When the desired amount of time appears on the display, press the
START key to begin timing down.
4. When the timer reaches zero an electronic tone will sound and the
display will flash TIME’S UP. The tone will sound for one minute and
then turn off automatically to preserve battery life. To turn the audible
alarm off manually, press any key. At zero the timer begins timing up.
This feature displays the amount of time which has elapsed since zero.
When the alarm is sounding, the first press of any key turns off the
electronic tone. Then press the STOP key to stop the UP timing. Press
RESET to clear the display: The timer will only clear when time is stopped.

CORRECTING AN ENTRY
If an error is made during an entry, press the RESET key to clear the display
to zero. If you wish to clear an entry when time is running, you must first stop
the timing by pressing the STOP key, then press the RESET key. The timer
will only clear when time is stopped.

COUNT UP ALARM TIMING
1. Press the MODE key until TMR appears on the display. If the timer is
running, press STOP to stop the timer. Press the RESET key to
clear the display to zero. Press the (▲) key until ▲ appears on the
display (▲ indicates count up timing).
2. Press the number keys 0 through 9 to set desired hours, minutes and
seconds. Example: to set 89 hours, 53 minutes, 27 seconds—press
8,9,5,3,2,7. Example: to set 12 minutes, 32 seconds—press 1,2,3,2.
Example: to set 58 seconds—press 58
3. When the desired amount of time appears on the display, press the
START key to begin counting up. The timer automatically starts at zero
and begins counting up.
4. When the programmed time is reached an electronic tone will sound and the
display will flash TIME’S UP. The tone will sound for one minute and
then turn off automatically to preserve battery life. To turn the audible
alarm off manually, press any key. When the programmed time
is reached, the display returns to zero and begins timing up. This
feature displays the amount of time which has elapsed since the
programmed time has been reached. When the alarm is sounding, the
first press of any key turns off the electronic tone. Then press the
STOP key to stop the UP timing. Press the RESET key to clear the
display. The timer will only clear when time is stopped.

MEMORY FUNCTION (Count Down or Up Timing)
When timing repetitive intervals, the memory function will recall the last
programmed time. It allows the user to dedicate the timer to a frequently
timed test. The timer will return to the desired time period again and again.
Set a programmed time in either up or down timing. Press START. When the
alarm sounds, press any key to stop the tone from sounding. Press the
STOP key to stop the display from counting up. Press the MEMORY key to
display the original programmed time. Press the START key to begin a
memory time.

You may repeat this process as often as needed. Note: If RESET is pressed
when the time is stopped, it clears the display and the memory.

You may view the time in the memory while the timer is running by holding
down the MEMORY key. When the MEMORY key is released, the display
returns to the running time.

TIMEOUT
The timer may be stopped during any running time by pressing the STOP
key. Timing may be resumed by pressing the START key.

STOPWATCH TIMING
1. Press the MODE key until TMR appears on the display. If the timer is
running, press STOP to stop the timer. Press the RESET key to clear
the display to zero. Press the (▲) key until ▲ appears on the
display (▲ indicates count up timing).
2. Press the START key to start timing. The timer may be stopped by
pressing the STOP key and restarted by pressing the START key
(timeout function). When timing has been completed and the timer has
been stopped, press the RESET key to clear the display to zero.

TIME-OF-DAY CLOCK SETTING
1. Press the MODE key until CLK appears on the display. Press the
(▲▼) key and SET will appear on the display.
2. Press number keys 0 through 9 to set the time-of-day. Example: for
10:32 PM press 1,0,3,2,Press MEMORY for PM. Press (▲▼) to enter
the time and start the seconds counting.

TIME-OF-DAY ALARM SETTING
1. Press MODE Key until CLK appears on the display. Press RESET and
AL will appear on the display. Press the (▲▼) key and SET will appear
on the display.
2. Press number keys 0 through 9 to set the time-of-day alarm. Example:
to alarm at 3:21 PM press 3,2,1. Press the MEMORY key for PM. Press
(▲▼) to enter the alarm time. The (((A) on the display indicates the
alarm is on and will sound at the alarm time. Press the RESET key to
return to the clock mode.
3. When the time-of-day alarm time is reached, a tone will sound for four
minutes and then turn off automatically to preserve battery life. To turn
the audible alarm off manually, press any key while the timer is in any
mode.
4. To turn the time-of-day alarm on or off, press the MODE key to enter
the CLK mode. Press START/STOP to prevent the alarm from
sounding. (((A disappears from display. Press START/STOP to
activate the alarm, (((A appears on the display.

Note: When the time-of-day alarm is activated a tone will sound for four
seconds every hour on the hour. To stop the hourly tone the time-of-day
alarm must be turned off.
5. To review a time-of-day alarm time, place the timer in the clock mode
and press RESET once. Press the RESET key to return to the clock
mode.

ILLEGAL TIMES
Entering more than 59 minutes in the minutes’ digits or 59 seconds in the
seconds’ digits, or entering a number greater than 12 hours when setting the
time-of-day will prompt an alarm and an E (error message) on the display
when the START key is pressed. Press RESET to clear the display and enter
a legal time.
BATTERY
An incorrect display or no display indicates that the battery should be replaced. Equivalent battery replacements are: RAYOVAC RW42, DURACELL 0357, and EVEREADY 357. Insert the battery with the positive side facing you.

Warranty, Service, or Recalibration
For warranty, service, or recalibration, contact:

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Control Company is ISO 9001 Quality-Certified by DNV and ISO 17025 accredited as a Calibration Laboratory by A2LA.

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