



Timer operating instructions (software version 1.1)

The clock has 3 main modes:

1. Stopwatch/countdown
2. Clock
3. Alarm

When the clock is first switched on it enters stopwatch/countdown mode. Switch between modes using the '*' key.

1 Stopwatch/countdown mode

When the clock is first switched on, the display is as shown below:

00:00:00

This is stopwatch mode. Press '#' to start the timer counting up from zero. Press '#' to stop the count. If the mode is changed while the stopwatch is running, the stopwatch will continue in the background. When the stopwatch time exceeds 100 hours it will reset and start counting from zero again.

If the count is less than one hour the display will show minutes, seconds and hundredths (MM:SS:hh). When the count exceeds one hour then the display will change to show hours, minutes and seconds (HH:MM:SS).

To enable the countdown function, enter the required time as hours, minutes and seconds (HHMMSS) using the keypad. For instance, to set the countdown for 3 minutes and 30 seconds enter 330:

00:03:30

Start the countdown by pressing '#'. Stop the countdown by pressing '#' again. If the mode is changed while the countdown is running, the countdown will continue in the background. When the countdown reaches zero the alarm will sound. If the clock is not in countdown mode when the alarm sounds the mode will automatically change to countdown mode.

If the count is greater than one hour then the display will show hours, minutes and seconds (HH:MM:SS). Once the count is less than one hour the display will change to show minutes, seconds and hundredths (MM:SS:hh).

To reset the count to zero, either enter six zeros when the counter is stopped, or press and hold the stop key ('#') for two seconds in stopwatch/countdown mode.



1.1 Tick sound

To enable a ticking sound during stopwatch/countdown mode, press any of the number keys except for '5' and '0' (see lap timer below) while the timer is running.

1.2 Lap timer

To freeze the stopwatch/countdown display (lap timer) while leaving the timer running, press the '5' key. Press '5' again to unfreeze the display. In this mode the colons will flash the top and bottom LED of each colon alternately to indicate that the timer is running. Pressing the mode key ('*') or stopping the count with the '#' key will also unfreeze the display.

2 Clock mode

In clock mode the display shows the current time in 24 hour format as hours, minutes and seconds (HH:MM:SS):

14:56:32

2.1 Setting the time

To set the time, press and hold the '#' key for two seconds. The display will change to:

t __:__

Enter the hours and minutes of the current time as HHMM in 24 hour format. The clock will start running from this time as soon as the last digit is pressed. You can cancel time set mode at any time by pressing the '#' or '*' keys.

2.2 12/24 hour clock display

To switch between 12 and 24 hour display format, enter time set mode as described above and press '*'. In 12 hour mode only the hours and seconds will be displayed along with an AM/PM indicator:

14:56:32 → 2:56 P

Note that in 12 hour display mode the time must still be entered in 24 hour format and the alarm display will still be in 24 hour format.

2.3 Freeze time display

To freeze the clock display (lap timer) while leaving the clock running, press the '5' key. In this mode the colons will flash the top and bottom LED of each colon alternately to indicate that the timer is running. Press '5' again to unfreeze the display. Pressing the mode key ('*') will also unfreeze the clock. This function is not available when the clock is in 12 hour display mode or in snooze mode.

3 Display brightness

The display has three levels of brightness. To change the display brightness, enter clock mode and press the key corresponding to the required brightness from the table below. Setting the display to lower brightness consumes less current and extends battery life.

Key	Brightness	Typical current consumption (mA)
1	Low	5
2	Medium	75
3	High	100

When the clock is first switched on the display is set to high brightness.

4 Alarm mode

In alarm mode the display shows the current alarm time in 24 hour format as hours and minutes:

AL12:00

If no alarm is set then the display will show:

AL--:--

To set the alarm, press and hold the '#' key for two seconds. The display will change to:

AL__:__

Enter the hours and minutes of the alarm time as HHMM. For example, to set the alarm to quarter past seven in the morning, enter 0715:

AL07:15

To cancel the alarm press and hold the '#' key for two seconds. The display will change to:

AL__:__

Press the '#' key again. The alarm will be cancelled and the display will show:

AL--:--

4.1 Snooze mode

Snooze mode can be entered by pressing the '*' key while the alarm is sounding. The display alternates between the current time and the word 'SNOOZE'. The alarm will sound again ten minutes after the snooze button was pressed. Snooze mode can be repeated as often as required by pressing the '*' key when the alarm sounds. To cancel snooze mode press the '*' key any time during snooze mode.

5 Low power mode

If the clock is running off batteries for long periods of time then it can be put into low power mode to extend battery life. In this mode the display is extinguished and the clock consumes only 1mA. To enter low power mode, press and hold the '0' key for two seconds when in clock mode or stopwatch/countdown mode. The top left colon LED will flash momentarily every 3 seconds in low power mode. To read the display in low power mode, press any key and the display will light for a few seconds. To exit low power mode, press and hold the '0' key for two seconds. Low power mode will also be cancelled when the countdown timer expires or the alarm/snooze sounds.

6 Display software version number

To display the software version number, press and hold the '0' key for 2 seconds in alarm mode. The software version number will be displayed. An example is shown below. Note that this may differ from the version number displayed by your unit.

rE: 2.11

In this case, 2.11 means software version 1.1 intended for hardware version 2. The software version number display will be automatically cleared if the alarm sounds or the countdown expires, or press the mode key ('*') to clear it manually.