


TALKING TIMER, 810038 INSTRUCTIONS

INTRODUCTION: Features include a talking count down timer, a count up timer and a talking clock. These functions are independent and will operate either separately or simultaneously. In addition, choose from six different alarm sounds. The timer's memory feature allows you to store your most frequently used count down time. An automatic repeat function allows you to restart any count down as many times as desired. This feature is particularly useful for repetitive activities such as checking experiments at regular intervals. The timer is designed with an easel back for desktop use, a magnet for attaching to metal surfaces, and a clip for belt attachment.







FIRST USE: Slide open the battery compartment located beneath the belt clip and remove the plastic tab between the battery and the contact point.

ACTIVATE VOICE ANNOUNCEMENTS: Place fingers on the side grooves near the bottom and gently slide the cover down and then backwards. This reveals the Repeat Yes/No, Voice On/Off and Sound buttons.

- To turn the voice announcements off, press the **VOICE ON/OFF** button. This icon is displayed: 
- The alarm will still sound when the count down reaches 0.0000.
- 3. To turn the voice announcements back on, press **VOICE ON/OFF** again and the icon disappears.

SELECTING THE ALARM SOUNDS: The alarm only plays during count down. It does not play in clock mode or when the timer is counting up.

- Slide the side **FUNCTION** switch to **Count Down**.
- Press **SOUND** repeatedly to choose the alarm. The unit will play each sound and display its corresponding symbol. There are six different sounds:

Alarm Sound	Symbol
Whistling Tea Pot	
Cuckoo	
Bell	
Bouncing Ball	
Car Horn	
Beeps	

SETTING THE COUNT DOWN TIME

- Slide the side function switch to **COUNT DOWN**.
- Press the **HR**, **MIN**, and **SEC** buttons to set the hours, minutes, and seconds for the count down

time. You can hold the buttons down to advance more quickly. A voice announces the time you have selected.

- Press **START/STOP** to start the count down.
- The timer will announce the time remaining as follows:

Time Remaining	Alert Frequency
Time > 60 mins	Every hour
60 mins \geq time > 10 mins	Every 10 mins
10 mins \geq time > 1 min	Every min
1 minute \geq time > 10 secs	Every 10 secs
10 sec \geq time > 1 sec	Every sec

- When the countdown reaches 0.0000, "**TIME'S UP**" will flash on the display and the alarm will sound for one minute. The timer will continue to count up.
- After the alarm stops, the timer will announce how much time has elapsed over 0.0000, according to the same schedule as above. For example, two minutes after the timer has passed 0.0000, it announces "two minutes over."

PAUSING THE COUNT DOWN

- Press **START/STOP** to pause the count down
- Press **START/STOP** again to resume the count down.

RESETTING THE COUNT DOWN TIME

- If you have already started the count down, press **START/STOP** to stop the count down.
- Press **CLEAR** to reset the counter to 0.0000.

SHUTTING OFF THE ALARM

- Press any button to shut off the alarm. The timer will continue to count up.
- After the first minute it will resume announcing the time elapsed over 0.0000.

— or —

- Press **START/STOP** to stop the counter and shut off the alarm.
- Press **CLEAR** to reset the counter to 0.0000.

AUTO REPEAT



This function will automatically restart the countdown after 0.0000 has been reached. It is useful for repetitive activities such as checking experiments at regular intervals.

- Slide the side function switch to **COUNT DOWN**.
- Press the **HR**, **MIN**, and **SEC** buttons to set the hours, minutes, and seconds for the countdown time. You can hold the buttons down to advance more quickly. A voice announces the time you have selected.
- Slide the **REPEAT** switch to **YES**. The repeat icon (shown above) is displayed.
- Press **START/STOP** to start the count down.
- The timer will automatically restart the count down when 0.0000 has been reached.

- When the count down reaches 0.0000, the alarm will sound as follows:

TOTAL COUNTDOWN TIME	ALARM
Time >= 2 mins	Your selected alarm sounds for one minute
2 mins >time >10 secs	2 Beeps
Time <= 10 secs	2 Beeps if VOICE is off. No alarm if VOICE is on.

MEMORY FUNCTION

- One count down time can be stored in memory.
- Slide the side function switch to **COUNT DOWN**.
- Press the **HR**, **MIN**, and **SEC** buttons to set the hours, minutes, and seconds for the count down time. You can hold the buttons down to advance more quickly. A voice announces the time you have selected.
- Press the **MEMORY** button to store the count down time. "**MEMORY**" will be displayed.
- To recall the count down time stored in the memory, press the **MEMORY** button.
- Press **START/STOP** to start the count down.

Clearing the Memory

- If you have already started the count down, press **START/STOP** to stop the count down.
- Press the **MEMORY** button to recall the setting.
- Press **CLEAR**.

USING THE COUNT UP TIMER

The maximum count-up time is 23:59:59. After the timer reaches this maximum, it will begin counting up from 0:0000 again.

- Slide the side **FUNCTION** switch to **COUNT UP**.
- Press **START/STOP** to start the count.
- Note that there is no voice announcement during count-up. If you want voice announcements, use the count down function and set the time to one second. The unit will announce the count up time as "over" 0:0000.

Pausing the Count Up

- Press **START/STOP** to pause the count
- Press **START/STOP** again to resume the count.

Resetting the Count Up Time

- Press **START/STOP** to stop the count.
- Press **CLEAR** to reset the counter to 0.0000.

TALKING CLOCK

Setting the Time

- Slide the side **FUNCTION** switch to **CLOCK SET**.
- Press the **HR**, **MIN**, and **SEC** buttons to set the hours, minutes, and seconds. You can hold the buttons down to advance more quickly. A voice announces the time you have selected.
- Slide the side **FUNCTION** switch to **CLOCK**.

TIME ANNOUNCEMENT FEATURE

- Slide the side **FUNCTION** switch to **CLOCK**.
- Press any button except **VOICE ON/OFF** to hear the current time.

USING THE TIMER AS AN ALARM CLOCK

- Set the count down for the amount of time you wish to elapse.
- Then turn off the voice announcements.
- The alarm will sound when the desired time is reached.

For example, if it is 11:00 PM (23:00) and you would like the alarm to sound at 7:00 AM (7:00), set the countdown for eight hours (8:00oo).

SIMULTANEOUS USE OF COUNT DOWN, COUNT UP, AND CLOCK FEATURES

The count down, count up, and clock functions are independent and can be run either separately or simultaneously. The display will indicate all the features running at any time. For example, if you begin a count down, and then a count up, and then switch to **CLOCK** mode - "**COUNT DOWN**" and "**COUNT UP**" will flash while "**CLOCK**" will appear steadily on the display.

BATTERY REPLACEMENT

- The batteries need replacement when the voice announcements sound weak or the display dims.
- Slide open the battery compartment cover. It is located on the back of the timer under the magnetic clip.
- Remove the old batteries and replace them with two fresh AG13 alkaline batteries. (Do not mix old batteries with new ones.)
- Replace the battery compartment cover.
- Remove the batteries for long-term storage.

WARRANTY

Sper Scientific warrants this product against defects in materials or workmanship for a period of **five (5) years** from the date of purchase, and agrees to repair or replace any defective unit without charge. If your model has since been discontinued, an equivalent Sper Scientific product will be substituted if available. This warranty does not cover probes, batteries, or damage resulting from accident, misuse, or abuse of the product. In order to obtain warranty service, simply ship the unit postage prepaid to:

Sper Scientific, Ltd.
7720 E. Redfield, Suite 7
Scottsdale, Arizona 85260
www.sperscientific.com, info@sperscientific.com

The defective unit must be accompanied by a description of the problem and your return address. Please register online or return your warranty registration card within ten (10) days of purchase.