

MODEL 386

Count Down Timer

- 1 to 60 Minute Timing Range
- Audible Time-Out Signal
- LED Count Down Display
- Powered by a Standard 9 Volt Alkaline Battery
- Low Battery Indicator

DESCRIPTION

The **Model 386 Count Down Timer** is a timer with an audible alarm output. It is housed in a standard wall switch enclosure for easy, permanent installation.

The Model 386 is knob-adjustable from 1 to 60 minutes. The previous set time is remembered each time the battery is changed as well as when the timer wakes up; this allows for easy repeatable timing without the need to adjust the knob. There are two LEDs; the upper one is the timing/timed out, and the lower one symbolizes "set mode" and low battery.

If the display is off and no LED is on, the controller is in idle mode, or asleep. To wake it, simply press the START button. This will cause the 'ready' LED (the lower LED) to turn on solid green. The display will show the current run time value. Timing is initiated simply by pressing and releasing the START button.

When timing begins, the upper LED will flash green at a rate of about 2 times per second. When timing is complete this same LED will turn red and an audible alarm will sound for 5 seconds (you may press START to silence the alarm). The red LED will only remain lit for an additional 10 seconds (15 seconds total) after the audible alarm stops.

By pressing and holding the START button for 2 seconds, the lower LED will begin flashing at a rate of about 4 times per second: this is the "set mode". When this LED is flashing you may adjust the knob to change the amount of time (from 1 to 60 minutes). Press and release the start button to exit the "set mode", and the lower LED will remain solid green.

If the controller is not timing (the upper LED is not flashing) and the START button is not pressed or the knob rotated for 15 seconds, the Model 386 will switch to idle, or sleep mode.

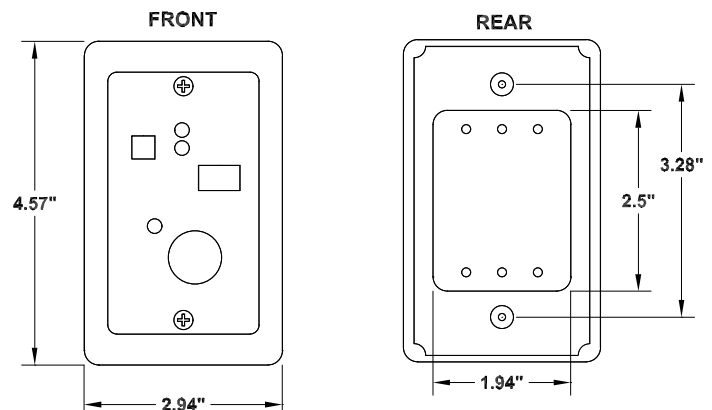
Applications include medical treatment, tanning salons, photographic processing, food preparation, plating operations and manufacturing batch processes. Other timing ranges are available upon request.



SPECIFICATIONS

MODEL	386
Supply Voltage	9 volt alkaline battery
Power Consumption	0.6 - 25 mA
Timing Range	1-60 minutes
Accuracy	± 10% **
Repeat Accuracy	± 0.1% (fixed conditions) **
Output	Audible Alarm
Output Level	50 - 70 dB
Operating Temperature	-4° to 140° F (-20° to 60° C)
Humidity Resistance	0 - 97% w/o condensation
Enclosure Material	ABS plastic
Weight	4.7oz.

DIMENSIONS



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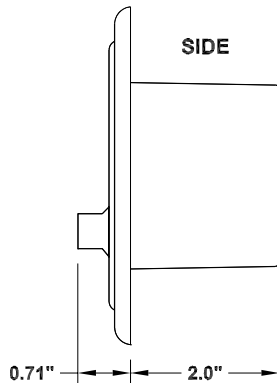
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MODEL 386

Count Down Timer

**READ ALL INSTRUCTIONS BEFORE INSTALLING, OPERATING OR SERVICING THIS DEVICE.
KEEP THIS DATA SHEET FOR FUTURE REFERENCE.**

DIMENSIONS (Cont'd)



INSTRUCTIONS

The Model 386 is knob-adjustable from 1 to 60 minutes. The previous set time is remembered each time the battery is changed as well as when the timer wakes up. This allows for easy repeatable timing without the need to adjust the knob.

There are two LEDs to indicate timer status:

- | | |
|-------------|----------------------------|
| Top LED: | Flashing Green = Timing |
| | Solid Red = Timed Out |
| Bottom LED: | Solid Green = Ready |
| | Flashing Green = Set |
| | Flashing Red = Low Battery |

If the display is off and no LED is on, the controller is in idle mode, or asleep. To wake it, simply press the START button. This will cause the 'ready' LED (the lower LED) to turn on solid green. The display will show the current run time value. Timing is initiated simply by pressing and releasing the START button.

INSTRUCTIONS (Cont'd)

When timing begins, the upper LED will flash green at a rate of about 2 times per second. When timing is complete this same LED will turn red and an audible alarm will sound for 5 seconds (you may press START to silence the alarm). The red LED will only remain lit for an additional 10 seconds (15 seconds total) after the audible alarm stops.

By pressing and holding the START button for 2 seconds, the lower LED will begin flashing at a rate of about 4 times per second: this is the "set mode". When this LED is flashing you may adjust the knob to change the amount of time (from 1 to 60 minutes). Press and release the start button to exit the "set mode", and the lower LED will remain solid green.

If the controller is not timing (the upper LED is not flashing) and the START button is not pressed or the knob rotated for 15 seconds, the Model 386 will switch to idle, or sleep mode.

A standard 9-volt alkaline (recommended) battery will allow approximately 60 hours of timing cycles before requiring replacement. The battery is replaced by removing two front panel screws.

WARRANTY

This product is warranted to be free from defects in materials and workmanship for one year. Should this device fail to operate, we will repair it for one year from the date of manufacture. For complete warranty details, see the *Terms and Conditions of Sales* page in the front section of the Time Mark catalog or contact Time Mark at 1-800-862-2875.

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