

AUTOCHRON **Wall Switch Timer**

Installation & Programming Manual

Please read before using this timer.

Warning! This unit operates using two fresh, high-quality AA alkaline batteries. Batteries must be installed for unit to operate. USE OF NICKEL CADMIUM RECHARGEABLE BATTERIES VOIDS WARRANTY. Use of unit in extremely cold temperatures or wet conditions will cause batteries to fail and may void warranty.

Features

Your AutoChron Wireless Wall Switch Timer offers 7-Day, 9 On/ 9 Off programming for convenient operation of your home's lighting and appliances controlled by a toggle switch. The timer fits over any existing toggle switch without removing the switch plate cover.

Use it to control indoor lamps and lighting, ceiling fans, porch lights, landscape lighting and any outlets controlled by a wall switch for automatic operation of appliances such as televisions, stereos, coffee makers, etc.

Because you can set the device to operate at various times of the day, you can avoid a predictable, "timer-controlled" look that may tell would-be intruders that your home is unattended.

Your AutoChron Wireless Wall Switch Timer features:

Daily, Weekly, or Multiple-Day Program Selections

You can set the timer to turn a toggle switch on and off (up to 9 times) on a single day, every day, or at the same time on different days, allowing flexible programming options.

Flexible Program On-Time

You can set the timer to turn on and off for as little as 1 minute to as long as 23 hours and 59 minutes.

Manual Override

You can easily override your preset on/off times so you can manually turn the toggle switch on or off at any time.



Digital LCD

Clearly shows all programming information and the current time and day of the week.

Battery-Powered Operation

During a power failure, the timer's operation continues uninterrupted and your pre-set programming is completely unaffected (as long as batteries are good).

NOTE:

- *The timer requires 2 AA alkaline batteries.*
- *Use of nickel cadmium rechargeable batteries voids warranty.*
- *Use of unit in extremely cold temperatures or wet conditions will cause batteries to fail and may void warranty.*

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Preparation

Installing Batteries

The timer requires two (2) AA batteries for programming and operation. The average battery life for normal timer usage is up to six months.

Caution: Use only fresh batteries of the required size and type.

1. Open front of unit to expose battery housings.
2. Insert a battery into each of the housings according to the polarity symbols (+ and -) as indicated.
3. Close cover. The LCD will flash AM 12:00, M (Monday), AUTO and OFF.



NOTES:

- Remove the batteries if the unit will not be used for a month or more.
- Removing the batteries for more than 60 seconds may clear the timer's clock and program settings.
- Replace the batteries when the "low-battery" indicator begins to beep or when LCD dims.

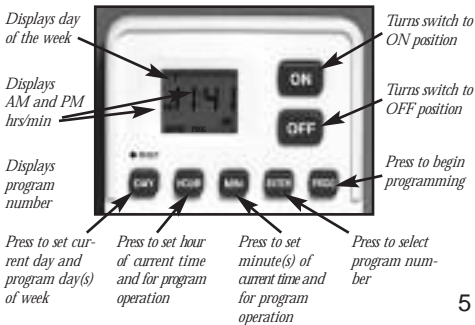
4 **WARNING:** Always dispose of old batteries properly.

Setting the Current Day and Time

1. Press DAY button until the current day of the week appears at the top of the display:
M (Monday), T (Tuesday), W (Wednesday)
Th (Thursday), F (Friday), S (Saturday),
OR Su (Sunday).
2. Press HOUR button until the current hour of the day appears on the display.
Please be sure you are setting the time correctly for AM or PM.
3. Press MIN on timer keypad to enter the correct minutes for the hour.
4. Press ENTER. Timer will read AUTO OFF. You are now ready to program.

NOTES:

- It may be helpful to review "Installation & Operation" before programming.



Programming the Timer

Quick Start – 7 Day Programming

Follow these steps to set one program that will operate at the same time for each of the seven (7) days of the week. Correct day and time **MUST BE SET** before programming can begin.

This is a 2 step process for turning on & off your wall switch.

1. Press ENTER. Press PROG (Program). The LCD will flash PROG 1 ON. (The days and times you enter will remain as Program No. 1 until you overwrite the program or the unit is reset.



Additional programs will automatically be numbered as entered.)

2. Press DAY repeatedly until all M T W Th F Sa Su are displayed at the top of the LCD.
3. Press HOUR to set the correct AM or PM hour for ON. Press MIN to set the minutes of the hour. Your timer is now set to turn the switch ON at this same time every day, 7 days a week.
4. Press ENTER. The LCD will flash PROG 1 OFF.

5. Press DAY repeatedly until all M T W Th F Sa Su are displayed at the top of the LCD.
6. Press HOUR to set the correct AM or PM hour for OFF. Press MIN to set the minutes of the hour. Your timer is now set to turn the switch OFF at this same time every day, 7 days a week.
7. Press PROG to return LCD to current day and time.

Clear Programming

Press ENTER. Press PROG. Advance to desired program by pressing ENTER repeatedly. Press DAY until program is clear (-:--). Be sure to clear both ON and OFF functions. Press PROG to return to current day and time.

Review Programming

Press PROG. Press ENTER repeatedly. Timer will display ON and OFF program settings in sequence each time ENTER button is pushed. Press PROG to return to current day and time display.

NOTES:

• If program is not entered promptly, LCD will return to current day and time. Simply push PROG to resume programming.

One Time ON Only Programming

To set the timer to turn the switch ON for a one-time-only event:

1. Press ENTER. Press PROG. LCD will flash PROG ON. (Press ENTER to advance to available program number, if needed.)
2. Press DAY repeatedly until the desired day for program appears by itself at the top of the LCD.
3. Press HOUR repeatedly to set the correct AM or PM hour for the switch to be turned on.
4. Press MIN repeatedly to set the correct minutes of the hour for the switch to be turned on. After you have set the desired hour and minutes for the switch to be turned on, press PROG.

One Time OFF Only Programming

To set the timer to turn OFF for a one-time-only event:

1. Press ENTER. Press PROG. LCD will flash PROG ON. Press ENTER to advance to PROG OFF mode.
2. Press DAY repeatedly until the desired day for program is displayed at the top of the LCD.
3. Press HOUR repeatedly to set the correct AM or PM hour for switch to be turned off.
4. Press MIN repeatedly to set the correct minutes of the hour for the switch to be turned on. After you have set the desired hour and minutes for the switch to be turned on, press PROG.

NOTES:

- *The switch will stay in the ON or OFF programmed position until manually changed or overridden by another preset program.*
- *Be careful not to unintentionally overwrite any of your preset programs.*

Weekday Programming

To set the timer to operate at the same time(s) for each of the five days during the week, Monday-Friday:

1. Press PROG. Press ENTER repeatedly until you reach an available program number (blank setting) or a program you wish to overwrite.
2. Press DAY repeatedly until M T W Th F are displayed together at the top of the LCD. Be sure the timer displays the ON function.
4. Press HOUR repeatedly to set the AM or PM hour for ON. Press MIN repeatedly or the minutes of the hour. After you have set the desired time for ON, press ENTER. OFF will be displayed.
5. Press DAY repeatedly until M T W Th F are displayed together at the top of the LCD.
6. Press HOUR repeatedly to set the AM or PM hour for OFF. Press MIN repeatedly for the minutes of the hour. After you have set the desired time for OFF, press PROG to return to the current day and time.

Weekend Programming

To set the timer to operate at the same time(s) during the weekend, Saturday and Sunday:

1. Press PROG. Press ENTER repeatedly until you reach an available program number (blank setting) or a program you wish to overwrite.
2. Press DAY repeatedly until Sa and Su are displayed together at the top of the LCD. Be sure the timer displays the ON function.
4. Press HOUR repeatedly to set the AM or PM hour for ON. Press MIN repeatedly for the minutes of the hour. After you have set the desired time for ON, press ENTER. OFF will be displayed.
5. Press DAY repeatedly until Sa and Su are displayed together at the top of the LCD.
6. Press HOUR repeatedly to set the AM or PM hour for OFF. Press MIN repeatedly for the minutes of the hour. After you have set the desired time for OFF, press PROG to return to the current day and time.

Programming Examples

You can set the timer to turn a toggle switch on and off (up to 9 times) on a single day, every day, or at the same time on different days, allowing flexible programming options.

The following diagrams demonstrate how to set your timer to operate multiple programs at a variety of times on various days.

Example 1

Monday-Sunday: ON at 5:00 PM; OFF at 10:00 PM
PROGRAM SETTINGS

ON 1	M T W Th F Sa Su	5:00 PM
OFF 1	M T W Th F Sa Su	10:00 PM

Example 2

Monday-Friday: ON at 6:00 PM; OFF at 10:00 PM
Saturday-Sunday: ON at 4:00 PM; OFF at 8:00 PM
PROGRAM SETTINGS

ON 1	M T W Th F	6:00 PM
OFF 1	M T W Th F	10:00 PM
ON 2	Sa Su	4:00 PM
OFF 2	Sa Su	8:00 PM

Example 3

Monday-Friday: ON at 6:00 AM; OFF at 9:30 AM
ON at 5:30 PM; OFF at 11:15 PM
Saturday-Sunday: ON at 9:00 AM; OFF at 10:00 PM
PROGRAM SETTING

ON 1	M T W Th F	6:00 AM
OFF 1	M T W Th F	9:30 AM
ON 2	M T W Th F	5:30 PM
OFF 2	M T W Th F	11:15 PM
ON 3	Sa Su	9:00 AM
OFF 3	Sa Su	10:00 PM

Example 4

This example shows how to program the timer to overlap preset times and/or setting one preset time to modify another program using the “blank setting” (-:--) option.

Monday-Thursday ON at 8:00 PM; OFF at 11:30 PM
Friday-Saturday ON at 5:00 PM; OFF at 2:30 AM
Sunday ON at 7:00 PM, OFF at 10:30 AM

PROGRAM SETTINGS

ON 1	M T W Th F Sa Su	8:00 PM
OFF 1	M T W Th F Sa Su	2:30 AM
ON 2	Su	7:00 PM
OFF 2	Su	10:30 PM
ON 3	F	5:00 PM
OFF 3	M	11:30 PM
ON 4	Sa	5:00 PM
OFF 4	T	11:30 PM
ON 5	(blank setting)	-:--
OFF 5	W	11:30 PM
ON 6	(blank setting)	-:--
OFF 6	Th	11:30 PM

NOTES:

- By selecting the latest desired hour for ON and OFF times for all 7 days of the week, you can modify ON/OFF times for individual days. For example, the latest ON time for Example 4 is 8:00 PM and the latest OFF time is 2:30 AM, yet there are different and earlier OFF and ON times desired for selected days of the week.
- ON/OFF 2 is a single day setting to modify the ON for 7:00 PM and the OFF for 10:30 PM on Sunday only.
- ON 3 & 4 settings are used to modify the ON time to 5:00 for F and Sa; the OFF 1 program will dictate the off time as 2:30 AM for F and Sa.
- OFF 3 & 4 settings are but different OFF time those days, such as Sunday, that have different ON/OFF times.



Installation & Operation

Installing the Timer

Using a small screw driver, remove the bottom screw from the wall switch you want the unit to operate. Place the unit directly over the switch plate cover. You do not need to remove the existing switch plate cover. Open the AutoChron unit and align the screw hole inside the unit just below the tab area with the hole in the switch plate cover that held the bottom screw. Secure the AutoChron unit to the switch plate using the enclosed longer replacement screw.

Now Your unit is installed and ready to operate.

Using the Timer

Be sure to slide the timer's toggle switch tab to the far left to engage the timer. If the tab remains in the far right position, the unit will not engage the switch and will not be able to turn the switch off and on at programmed times.

Manual Override

Push the ON or OFF button on the unit to turn the switch on or off as desired between programmed settings OR slide the timer's toggle switch tab to the far right to disengage the timer from the switch. You can then manually flip the toggle switch on or off as desired between programmed settings.

NOTE:

If the toggle switch tab remains disengaged, it cannot turn switch on or off at programmed times.

Resetting the Timer

To reset the timer and erase all preset programs, use a pointed object, such as a straightened paper clip, to gently press down the timer's reset button. The display clears. The LCD will flash AM 12:00, M (Monday), AUTO and OFF.

NOTE: Before you use the timer again after resetting it, be sure you set the current time.



Unit Disengaged



Unit Engaged

Care and Maintenance

To enjoy long-term use of your AutoChron Wireless Wall Switch Timer:

1. Keep the timer dry. If it gets wet, wipe it dry immediately.
2. Use and store the timer only in normal temperature environments.
3. Handle the timer gently and carefully.
DO NOT DROP IT.
4. Keep the timer away from dust and dirt.
5. Wipe the timer with a damp cloth occasionally to keep it looking new.

Warranty

One-Year Limited Warranty

AutoChron warrants that the wall toggle switch timer (model P38-200A) will, when purchased, be free of defects in workmanship and material for a period of one year from date of purchase. The seller, shall, upon prompt written notice and compliance by the customer with instructions given with respect to the nature of defective product, fulfill such warranty by repair or replacement, F.O.B. factory of the defective product. Correction provided in manner described above shall constitute fulfillment of all liabilities of the seller with respect to the quality of the product.

For more information about the AutoChron including the warranty, please visit our website, <http://www.shopwithease.com/autochron>. Our website also contains additional instructional information should you need it.

The foregoing warranty is exclusive and in lieu of other warranties of quality whether written, oral or implied (including any warranty of merchantability, fitness for purpose and consequential damages).

NOTE: *Modifying or tampering with the timer's internal components can cause a malfunction and invalidate its warranty. If your timer is not performing as it should, please package appropriately and mail to: SWE Inc
2832/B Walnut Ave.
Tustin, CA 92780
toll free number 800-336-1968*

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