

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, 10 On/10 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 toggle 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, or use its random turn on/off function in the set time period, 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 10 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 by manually turning the toggle switch on or off at any time.

Digital LCD

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



Glow Buttons in the Dark

Convenient night glow buttons help you find AutoChron in the dark.

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 the Timer

Manually turn off the switch you want AutoChron to operate. Using a small screw driver, remove the bottom screw from the switch plate cover. Place the unit directly over the switch plate cover. You do not need to remove the existing switch plate cover. Open AutoChron and align the screw hole inside the unit (see page 18, illustration A) with the hole in the switch plate cover that held the bottom screw.

Secure the AutoChron **firmly against** the switch plate using the enclosed longer replacement screw.

Be sure the mechanism is engaged, (i.e. the “toggle switch tab” is in the engaged position, please see “Using The Timer” on page 18) Now your unit is installed, ready to program and operate.

NOTE:

You may program the timer first (see below) then install it later, if so, please keep the batteries well connected during the installation, otherwise, you will lose all the data you entered into this timer.

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

Caution: Use only fresh AA alkaline batteries.

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, Mon (Monday), and OFF.



NOTE:

Remove the batteries if the unit will not be used for a month or more.

Removing the batteries for more than 60 seconds will clear the timer's clock and program settings.

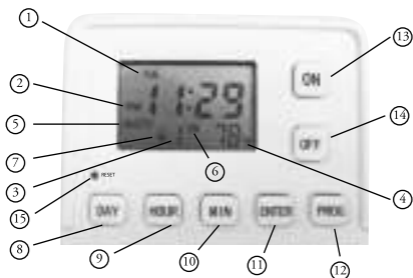
Replace the batteries when the "low-battery" indicator begins to flash or when LCD dims.

WARNING:

Always dispose of old batteries properly.

Setting the Current Day and Time

1. Press ENTER to start the day/time setup, (or you can only adjust the minute based on the previous time set up.)
2. Press DAY button until the current day of the week appears at the top of the display: MON (Monday), TUE (Tuesday), WED (Wednesday), THU (Thursday), FRI (Friday), SAT (Saturday), OR SUN (Sunday).
3. Press HOUR button until the current hour of the day appears on the display. Make sure you are setting the AM/PM correctly.
4. Press MIN on timer keypad to enter the correct minutes for the hour.
5. Press ENTER to confirm above day/time setup. Without pressing ENTER within 30 sec. your previous day/time set up will not be saved and timer will go back to the original day /time display.



- ① *Displays day of the week*
- ② *Displays AM and PM hrs/min*
- ③ *Displays program number*
- ④ *Displays room temperature*
- ⑤ *Displays the timer is set with customized programming.*
- ⑥ *Displays the timer ON/OFF for a specific program.*
- ⑦ *Low battery indicator*
- ⑧ *DAY: Press to set current day and program day(s) of week*
- ⑨ *HOUR: Press to set hour of current time and for program operation*
- ⑩ *MIN: Press to set minute(s) of current time and for program operation*
- ⑪ *ENTER: Press to begin day/time setup and confirm the setups or press to select program numbers.*
- ⑫ *PROG: Press to begin programming and confirm the programs.*
- ⑬ *ON: Manually turns switch to ON position or turn on the program 0*
- ⑭ *OFF: Manually turns switch to OFF position or turn off the program 0*
- ⑮ *Reset hole*

Programming the Timer

Before you start to program the timer, please verify you have the correct current day and time set up already.

The timer offers 7-days and 10 ON /10 OFF programming, Program 1 to 9 and Program 0. Once set, the timer will operate each week until reset or batteries expire.

Program 0 is a special program that tells would-be intruders that your home is not unattended, It offers turn ON action for 3 min at randomly selected times by this timer automatically between 1:00AM to 5:00AM under certain circumstances (see page 10), **Set up program 0** on each day of the week, and every day its turn on time is different.

The timer has the following, convenient different day modules for easy programming:

1. Every single day
2. Week days from Monday to Thursday
3. Week days from Monday to Friday
4. Weekend days from Saturday to Sunday
5. The whole week from Monday to Sunday
6. -:- (No day)

Quick Start

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 current day and time **MUST BE SET** before programming can begin.



1. Press PROG button, PROG will start blinking 1 ON -:- - on the LCD, (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 the DAY button repeatedly until all MON TUE WED THU FRI SAT SUN are displayed at the top of the LCD.
3. Press HOUR repeatedly to set the correct AM or PM hour for ON. Press MIN repeatedly 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 the DAY button repeatedly until all MON TUE WED THU FRI SAT SUN are displayed at the top of the LCD.
6. Press HOUR repeatedly to set the correct AM or PM hour for OFF. Press MIN repeatedly 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. To set multiple programs, press ENTER to continue to the next program setting.
8. When finished programming, press PROG to return LCD to current day and time. Once you program this timer, AUTO will be displayed on the LCD.

NOTE:

*Press ENTER to shift to the different program numbers, 1- 9 ON and 1 - 9 OFF. **The last PROG 0 is a special program, please refer to the following "Set for Program 0".***

After you have finished programming, press PROG to save your settings to the timer, Without pressing PROG after 30sec., the timer will go back to the original program set up. Once programming is completed, the LCD will go back to the current day, time and temperature display.

Set up Program 0

Program 0 is a special program that tells would-be intruders that your home is not unattended. To use this function, please ensure:

1. There are no other programs to turn the switch ON between 12:00AM and

2. Your switch is at OFF position on that day (i.e if you happened to manually turn on the switch at the program 0 activate time, then the program 0 will skip action on this day).

Program 0 will turn ON your switch for 3 min at a randomly selected time by this timer between 1:00AM and 5:00AM automatically, then turn it OFF, on each day of the week. Everyday the turn on time will be different. The timer will automatically check the above two points, otherwise the Program 0 will skip action on that day.

Press PROG, press ENTER to PROG 0, press ON button to turn on this program or press OFF button to turn off this program. Press PROG to save PROG 0 setting.



Recommended Application: Set program 0 when you will be absent from home, especially at nighttime. Program it OFF when you return home.

Clear Program

Press PROG, you will see the PROG 1 ON day and time display, press ENTER to advance to the desired program number that you want to remove, press DAY continually

until program is clear, showing -:- -. Be sure to clear both ON and OFF functions.

To clear the Program 0, just press OFF button. Press PROG to save and return to the current day/time temperature display.



NOTE:

- Press Reset button to clear all the preset programs in the time, but you will need to set up the current day/time again.
- If you choose to temporarily disable all the preset programs, you could disengage the timer. Please see "Using the Timer" on page 18.

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/time/temperature display.

NOTE:

Be careful not to unintentionally override any of your preset programs, especially any program on the same day or time. The following is a blank table to help you mark your ON/OFF times on each day in a week. You could draw a line starting with a circle as an ON time, and end the line with a cross as an OFF time in the grid. Check if there are two or more lines in the same grid, these are override programs.

		Mon	Tue	Wed	Thu	Fri	Sat	Sun
AM	12							
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							
	11							
PM	12							
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							
	11							

Programming Examples

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

Example 1: Every day programming

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

PROGRAM SETTINGS

ON 1	MON	TUE	WED	THU	FRI	SAT	SUN	5:00PM
OFF 1	MON	TUE	WED	THU	FRI	SAT	SUN	10:00PM

Example 2: Weekdays (M to F) and weekend programming

Monday-Friday: ON at 6:00PM; OFF at 10:00PM

Saturday-Sunday: ON at 4:00PM; OFF at 8:00PM

PROGRAM SETTINGS

ON 1	MON	TUE	WED	THU	FRI			6:00PM
OFF 1	MON	TUE	WED	THU	FRI			10:00PM
ON 2	SAT	SUN						4:00PM
OFF 2	SAT	SUN						8:00PM

Example 3: Weekdays (M to T) and weekend programming

Monday-Thursday: ON at 6:00AM; OFF at 9:30AM

ON at 5:30PM; OFF at 11:15PM

Saturday-Sunday: ON at 9:00AM; OFF at 10:00PM

PROGRAM SETTING

ON 1	MON TUE WED THU	6:00AM
OFF 1	MON TUE WED THU	9:30AM
ON 2	MON TUE WED THU	5:30PM
OFF 2	MON TUE WED THU	11:15PM
ON 3	SAT SUN	9:00AM
OFF 3	SAT SUN	10:00PM

Example 4: One time ON only programming

Monday-Friday: ON at 7:00PM

PROGRAM SETTINGS

ON 4	MON TUE WED THU FRI	7:00PM
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Press ENTER to advance to available program number, eg, No.4.

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

Example 5: One time OFF only programming

Sunday : OFF at 10:00PM

PROGRAM SETTINGS

OFF 5	SUN	10:00PM
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Press ENTER to advance to available program number, eg No. 5.

The switch will stay in the OFF programmed position until manually changed or overwritten by another preset program.

Be careful not to unintentionally overwrite any of your preset programs.

Example 6: Overlap programming skills

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

Monday-Thursday: ON at 8:00PM; OFF at 11:30PM

Friday-Saturday: ON at 5:00PM; OFF at 2:30AM

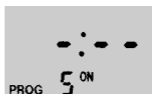
Sunday: ON at 7:00PM; OFF at 10:30PM

PROGRAM SETTINGS

ON 1	MON TUE WED THU FRI SAT SUN	8:00PM
OFF 1	MON TUE WED THU FRI SAT SUN	2:30AM
ON 2	SUN	7:00PM
OFF 2	SUN	10:30PM
ON 3	FRI	5:00PM
OFF 3	MON	11:30PM
ON 4	SAT	5:00PM
OFF 4	TUE	11:30PM
ON 5	(blank setting)	-:--
OFF 5	WED	11:30PM
ON 6	(blank setting)	-:--
OFF 6	THU	11:30PM

NOTE:

- *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 6 is 8:00 PM and the latest OFF time is 2:30AM, 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 7:00PM and the OFF for 10:30PM on Sunday only.*
- *ON 3 & 4 settings are used to modify the ON time to 5:00PM for FRI and SAT; the OFF 1 program will dictate the off time as 2:30AM for FRI and SAT.*
- *OFF 3 & 4 settings are different OFF time those days, such as Sunday, that have different ON/OFF times.*

To Example 6, there is a another simple way to program the following, the above just shows the skill of using overlap programming:

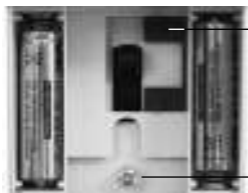
PROGRAM SETTINGS		
ON 1	MON TUE WED THU	8:00PM
OFF 1	MON TUE WED THU	11:30PM
ON 2	SUN	7:00PM
OFF 2	SUN	10:30PM
ON 3	FRI	5:00PM
OFF 3	SAT	2:30AM
ON 4	SAT	5:00PM
OFF 4	SUN	2:30AM

Operations

Using the Timer

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.

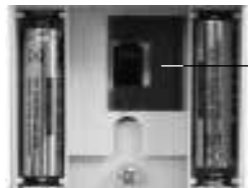
Please see illustration A: Unit Disengaged and illustration B: Unit Engaged



Toggle switch tab is
in disengaged position

Installation screw

Unit Disengaged
(Illustration A)



Toggle switch tab is
in engaged position

Unit Engaged
(Illustration B)

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.*
- *Please ensure the switch tab and toggle switch are in both ON or OFF position when you try to move the tab to engaged or disengaged position. If the tab is blocked when you move it, lift toggle switch slightly so you can move the tab easily.*

Low Battery

When the low battery indicator starts flashing on the LCD, please change batteries to brand new, full power, fresh batteries. If you replace the old batteries within 60 seconds, the timer will keep all of your previous settings including programs and current time. Otherwise, you will need to reset your timer.

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 in the timer's reset hole. The display clears. The LCD will show AM 12:00, MON (Monday), OFF and current room temperature.

NOTE:

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

Error Message

When "Err" (error) displays on the LCD, check for any obstacle that may block the movement of your switch.

- 1) Remove the obstacle
- 2) Gently press a paperclip into the reset hole to clear the message
- 3) Reset current day/time
- 4) Reprogram your timer.



If "Err" is still displayed on the LCD after you reset the timer, please contact the seller in the following **Warranty** section for further consulting.

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 P38-200ATBPT) 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 refer to our website, www.buyautochron.com/FAQ to trouble shoot any operational issues prior to requesting a RMA. Many times a simple step was overlooked that might cause the AutoChron to not function properly.

If you are still having a problem call toll free 800-336-1968 for assistance. If your AutoChron is determined to be defective an RMA # and return instructions will be issued.

Unauthorized returns will be refused.

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