

# INSTALLATION INSTRUCTIONS



VOLT® Low Voltage Landscape Lighting  
VOLT® Digital Timer  
VAC-DTIMER2

**Help Hotline:**

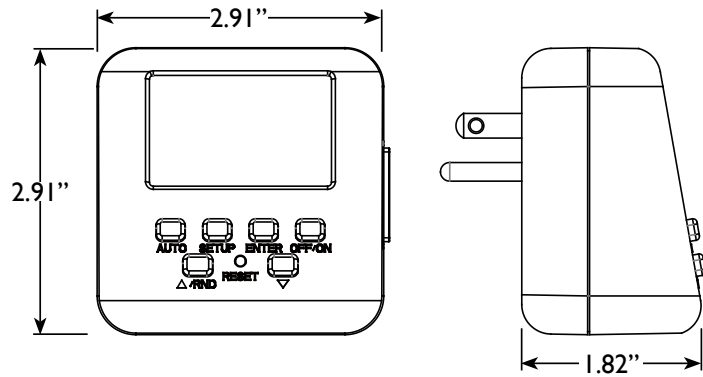
**1-813-978-3700 • Mon-Fri 8am-8pm • Sat-Sun 10am - 6pm (EST)**

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**Product Dimensions**



**Button Descriptions**

**ON/OFF:** Timer Override (Push to turn ON/OFF); if timer is currently on, it will be turned off; if timer is currently off, it will be turned on.

**RESET:** Push to clear all settings.

**▲/RND:** During normal program operation, push once to randomly, vary ON/OFF times within 2-30 minutes of programmed times.

**▲ or ▼:** Use during programming to scroll through menu options or increase and decrease time and date settings

**AUTO:** Push when programming is complete to activate timer.

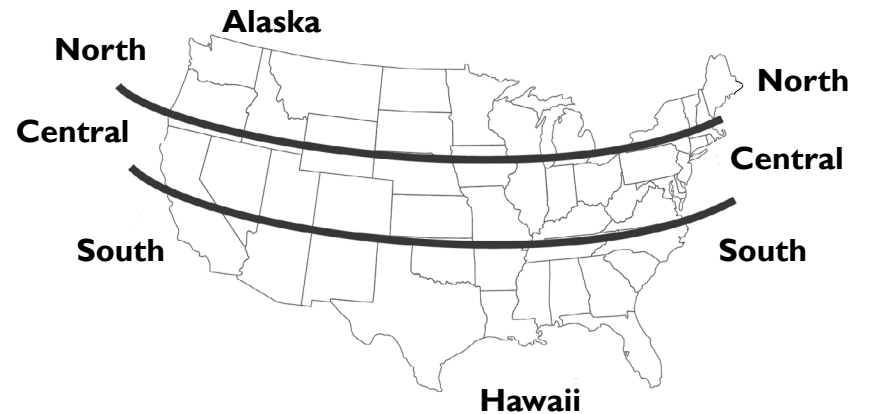
**SETUP:** Push once to set Calendar/Clock; push twice to set or change programming.

**ENTER:** Push to confirm menu selections during programming.

**Note:** If you do not press a button for 30 seconds, it will go back to the current time.

**PROGRAMMING - Setting the calendar, Clock, DST, Zone**

1. Use a paper clip or pen to press the **RESET** button, and clear the program in the timer. When the reset button is released, the screen will be flashing 12:00 AM.
2. Press the **SETUP** button and **CAL** will be flashing on the screen. Press **ENTER** to begin setting the Calendar.
3. The year will be flashing. Use the **▲** or **▼** buttons to select the year. Press **ENTER** to confirm the setting.
4. The month will be flashing. Use the **▲** or **▼** buttons to select the current month. Press **ENTER** to confirm the selection.
5. The day will be flashing. Use the **▲** or **▼** buttons to select the current day. Press **ENTER** to confirm the selection.
6. The screen will be blinking **CLK** for Clock. Press **ENTER** to begin setting the clock.
7. The hour and **AM** or **PM** will be blinking. Use the **▲** or **▼** to select the correct hour. If you pass from 11 to 12, you will change the AM to PM or PM to AM. Once the correct hour is found, press **ENTER** to confirm the selection.
8. The minutes will be blinking. Use the **▲** or **▼** to select the correct minute. Press **ENTER** to confirm.
9. The screen will be blinking **DST** for “Daylight Savings Time”. **DST** will automatically reset the times in the timer to match the time change. Use the **▲** or **▼** button to select the **DST** on or off and press **ENTER** to confirm the selection.
10. The screen should show the word **ZONE** blinking. Press **ENTER** to select your **ZONE**. Look at the map below and determine which zone best fits your location. Use the **▲** or **▼** to scroll through the available zones in the timer, and stop when you find the zone which describes the location where the timer is being installed. Press **ENTER** to confirm the selection.



**PROGRAMMING - Setting the calendar, Clock, DST, Zone (Continued)**

The screen will show **DAWN** (sunrise) and a time with the hour blinking. This is the default time for Dawn. If the hour is not correct, use the ▲ or ▼ buttons to adjust the hour to match the correct time for your area. Once the hour is correct, press **ENTER** to confirm the selection. The minutes are now blinking. If the minutes are not correct, use the ▲ or ▼ buttons to adjust the minutes to match the correct time for your area. When the minutes are correct, press **ENTER** to confirm the selection.

The screen will now show **DUSK** (sunset) and a time with the hour blinking. This is the default time for **DUSK**. If the hour is not correct, use the ▲ or ▼ buttons to select the correct hour to match **DUSK** for you area. Press **ENTER** to confirm the hour. The ▲ minutes are now blinking. If the minutes are not correct, use the or ▼ buttons to change the minutes to match **DUSK** for your area. Press **ENTER** to confirm the selection.

11. The screen will now say **SAVE**. Press **ENTER** to save today's date, time and location data to the timer.

**PROGRAMMING ON/OFF EVENTS**

1. To begin programming the **ON/OFF** times, press **SETUP** twice.
2. **P1 ON** (Program 1) ON will show on the screen, and 1 will be blinking. Press **ENTER** to begin setting **P1 ON** time, OR you may also use the ▲ or ▼ buttons to scroll any one of the 7 available programs.
3. After pressing **ENTER**, the screen will show **SET**. If you wish to set a time, press **ENTER** to confirm. You may also use the ▲ or ▼ buttons to scroll to **DEL**. If you press **ENTER** on **DEL**, you will delete the program you are on.

**PROGRAMMING ON/OFF EVENTS (Continued)**

If you push **ENTER** at **SET** for **P1**, the screen will show **PRG**, **P1 ON**, and the days of the week will be blinking. Use the ▲ or ▼ buttons to scroll through the options in which the timer will be active. The options are:

Mo, Tu, We, Th, Fr, St, Su (default)  
Individual days (choose a single day)  
Mo, We, Fr  
Tu, Th, St  
Mo, Tu, We, Th, Fr  
St, Su

Select the days you want the program to be active and press **ENTER** to confirm the selection.

Now that you have chosen the days, the timer is activated, and the next step is to choose the time. The screen should show **DAWN** blinking. Use the ▲ or ▼ to scroll through the three switching time options which are **DAWN**, **DUSK** (the programmed times selected during the timer setup) or **TIME** (to set custom times).

If you would like the timer to turn on at the preset time for **DAWN**, press **ENTER** to move to the **P1 OFF** setting.

If you would like the timer to turn on at the preset time for **DUSK**, use the ▲ or ▼ buttons to change the option on the screen to **DUSK**, and press **ENTER**, to move to the **P1 OFF** setting.

If you would like to choose a custom time other than **DAWN** or **DUSK**, use the ▲ or ▼ buttons to change the option on the screen to **TIME**, and press **ENTER**. The hour should be blinking. Use the ▲ or ▼ buttons to set the correct hour. If you pass the 11 to 12, you will change the AM to PM. Once the correct hour is selected, press **ENTER** to confirm. The minutes will be blinking. Use the ▲ or ▼ buttons to set the correct minute, then press **ENTER** to confirm the selection. The screen will show **PRG P1 OFF**, and the days of the week will be blinking. Choose the days you want the program to be active, and press **ENTER**.



### PROGRAMMING ON/OFF EVENTS (Continued)

Now that you have chosen the days, the timer will function, and the next step is to choose the time the program will turn off. Use the ▲ or ▼ buttons to scroll through the 3 options **DAWN**, **DUSK**, or **TIME**, and precede the same as you did for **PROG1 ON**.

After programming the **P1 OFF** time, press **ENTER** to confirm. The screen will now say **SAVE**. Press **ENTER** to save program 1 to the timer. **P2 ON** (Program 2 on) should be blinking. Press **ENTER** to begin setting **P2 ON**. You may also use the ▲ or ▼ buttons to scroll through all 7 programs, or push **AUTO** to complete the programming and start the timer.

### RANDOM SECURITY OPTION

The random feature **RND** will delay turning the lights off. The delay of 2 to 30 minutes is randomly selected by the timer each day to give the house a more lived in appearance while the occupant is away.

1. Push **RND** (Random) button to activate the Random feature. The screen will change from **AUTO** to **RND**.
2. Push **AUTO** to button to de-activate the Random feature and return the timer to its current programming.

### ASTRONOMICAL TIMER INSTRUCTIONS

After the time, date, location and dawn/dusk information is entered, this timer will automatically adapt to seasonal changes in daylight hours without reprogramming.



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