Switch timer does not catch up automatically to the programmed load state. The status of the switch timer will remain as it is until it comes to the next programmed ON/OFF time.

1. Complete the steps for setting the Time and Date, then temporarily change the date to June 21st.
2. Review the DAWN and DUSK settings by pushing the ON/OFF button.
3. Make sure the specific ON or OFF time settings won't interfere with these DAWN and DUSK times. Make changes as necessary.
4. When finished, change the Date setting back to today's date.

The lights or controlled devices don’t match the programmed ON/OFF status immediately after setting the time or programming a schedule.

Switch timer does not “catch up” automatically to the programmed load state. The status of the switch timer will remain as it is until it comes to the next programmed ON/OFF time.

1. After entering your schedules or the time, then return to the current time. Press the ON button to change the load state if necessary.

When the remote (3-way) switch is in one position, or the switch timer ignores the remote switch.

Switch timer does not “catch up” automatically to the programmed load state. The status of the switch timer will remain as it is until it comes to the next programmed ON/OFF time.

1. If there is a pull tab at the battery tray, remove the tab to connect the installed battery. Make sure battery tray is pushed fully into place.
2. If the battery was supplied loose, pry open the battery tray and remove it from the timer.
3. Place the supplied “CR2” battery into the tray, observing the wiring, the positive and negative connections of the battery.
4. Press the ON/OFF button. The switch timer should “click.”

The battery tray is difficult to replace.

1. Battery is not seated in the tray.
2. The tray is misaligned.
3. The contact tabs of the tray are bent.

The switch timer operation is sluggish or not switching ON/OFF at all.

1. Though the “BATT” message is not being displayed, the battery is getting weak.
2. Replace the battery. To test the battery, press the ON/OFF button. The timer should “click.”

Note: If your switch timer won’t enter AUTO or RANDom mode when you press MODE.

1. Programmed schedules are incorrect.
2. Switch timer is in RANDom mode, which varies switching times up to 20 minutes to give your home a “lived in” look.

If you don’t want to keep the switch timer in RANDom mode, press MODE to change to AUTO or MANUAL mode.

The switch timer switches at incorrect times or skips some of the programmed times.

1. You can set DAWN or DUSK to your own choices—sunrise, sunset, or the specific time you want. Use the + or – buttons to change a setting when it is FLASHING (i.e., the correct hour). Holding the button makes the numbers scroll faster. Pushing OFF again advances to the next setting and automatically saves—whether or not you changed the setting or not. Saving is automatic, there’s no extra step.

If you’re interrupted during programming, your work to that point is automatically saved.

1. Press MODE when you’re finished to navigate to the mode you want to operate the switch timer. Auto, Manual, or Random.

3 – Clear Any Existing Programming

It’s generally best to clear any existing programming out to make sure, you use this procedure before setting the time.

1. Open the front cover.
2. Hold down OFF.
3. Using a pen or paper clip, press and release RESET, which is the small round button to the lower right of the + button.
4. When the screen displays/Internal, release OFF. The screen will initialize, then flash “12:00 am” in Manual mode, deleting previous settings.

4 – Set the Date and Time

In order for the Astronomic Feature and automatic Daylight Saving Time to function properly, the CALENDAR settings must be entered correctly.

WHAT IT MEANS: The icon of the UTC/ETB button indicates whether the standard time or the Western (or the Eastern or Central Standard Time) will be used for the sample screens is what will be flashing on your switch timer.

1. Press MODE until the screen displays SET UP. The hours/minutes display will be flashing (Fig. 4).
2. Press ON/OFF to display HOUR (Fig. 5), then press + until the correct hour and AM/PM are shown.
3. Press OFF to return to Step 2.
4. Repeat this routine for MINUTE, YEAR, MONTH, DATE.
5. Verify that the day of the week is correct (Fig. 7).
6. If wrong, press + or – to loop back, then reset the calendar.
7. Press ON/OFF to display DST (Fig. 8), and set whether you want to adjust automatically for Daylight Saving Time (DST).

- If you use DST, press + for AUTO.
- If you do not use DST, press + for Manual.

7. Press ON/OFF to set your zone (Fig. 8). This feature tracks changes in sunrise and sunset times. Press + to select your local zone: North, South, Central.
8. You can set DAWN or DUSK to your exact time in your area according to your newspaper or online. Use the following procedures to do so, or press ON/OFF to return.

a. Press ON/OFF to set your exact local time for DAWN (Fig. 11), then press + to set the correct HOUR.
5: Set Initial Pair of ON and OFF Times

You have many options with up to 40 timer settings:

- **Set to a specific ON/OFF time.**
- **Set to DAWN or DUSK, which automatically adjust as the seasons change.** This is the ASTRONAVIC feature.
- **Set to activate ALL days, M-F, Weekends or individual days.**

Programs are created in two procedures: setting an ON time followed by setting an OFF time. Writing a program time separately. The instructions below will guide you as follows:

1. **First**, for setting an ON time which can be DAWN or DUSK, or a specific time such as 6:00 pm.
2. **Then** for setting an OFF time which can also be DAWN or DUSK, or a specific time.

6: Selecting AUTO, RANDOM, or Manual Operation

Once set up, you have three choices for using the switch timer:

- **AUTO** — uses the timer settings you program.
- **RANDOM** — gives your home a "lived-in" look by varying your settings by a random amount of a 20 minutes or so.
- **Manual** — makes the switch into a standard ON/OFF switch without timer settings. Press on the door of the switch timer for ON, press again for OFF.

About the Battery

- The single lithium CR2 battery operates the ON/OFF function ("click-clock") and maintains time of day and date. The screen flashes "BATT" when the battery is getting low.
- It is recommended to remove AC power when changing the battery. If you have about one month left in your batteries before the switch timer "forgets" the date and time settings. Afterwards, if the display is your only indication, press the "ON" button to reset the time and date settings. All other settings (your ON/OFF programming) remain in memory indefinitely without battery or AC power.
- To test the battery voltage, press the "ON" button. The timer should "click." Replace the battery per Section 1 Instructions as soon as possible after "BATT" message appears.
- **Program troubleshooting in Switch Timer. Risk of leakage!**
- Replace only with Panasonic Type CR2 Lithium battery or equivalent CR2 battery approved by Underwriters Laboratories (UL).
- Dispose of the used battery properly, according to local regulations. Keep battery away from children. Do not disassemble and do not dispose of battery in fire.

Changing Program Times

Deleting an ON or OFF Setting

Use these steps to delete an existing ON or OFF setting that you no longer want or the other special settings from a vacation trip:

1. **Press MODE** until the screen displays Program Settings.
2. Press + button until you see the program number you want to delete (Fig. 25).
3. Press ON/OFF, then press the + button until STOP is displayed (Fig. 26). The switch timer will now suppress that specific setting.

4: Press ON/OFF again to cycle through the program until the display briefly shows SAVE. You have just exited from programming and automatically save your new settings.

Installing the Switch Timer

1. **Turn off power at the service panel by removing fuse or turning off the circuit breaker.**
2. **Remove the existing wall switch.**
3. **Trim building wires to 7/16" as shown.**

If a Single Switch Setup:

- Connect the wires from the two wires from the wall to the black wire from the switch timer, using the twist connectors provided.
- Connect the other wire from the wall to the blue wire from the switch timer, using the twist connectors provided.

NOTE: The wire to the "COMMON" terminal must not exceed 100' of length. Length from the COMMON wire connected to first old switch. It might be attached to a different colored screw, or拧 off markings on old switch.
- Connect the wires from the old switch from the black and RED wires from the switch timer.
- Connect the green wire to the grounding screw in the box. If a plastic box, connect to ground as supplied.
- Make sure all twist connectors are tight.

If a 3-Way Switch Setup:

NOTE: The distance between switch timer and remote switch must not exceed 200'.

For how to check.
- Connect the wires from the old switch from the black and RED wires from the switch timer. If a plastic box, connect to ground as supplied.

For a three-switch setup:

1. **Press MODE until the screen displays Program Settings.**
2. **Press the + button until STOP is displayed (Fig. 26).**
3. **Press ON/OFF again to cycle through the program until the display briefly shows SAVE.**
4. **Press MODE** to exit from programming and automatically save your new settings.

Revising an ON or OFF Setting

Use these steps to revise an existing ON or OFF setting:

1. **Press MODE** until the screen displays Program Settings (Fig. 27).
2. **Press the + button until you see the program number you want to revise (Fig. 28).**
3. **Press the ON/OFF button as many times as necessary to display the setting you want to revise, for example, the A1 setting (Fig. 28).**
4. **Press the + button again to display the next menu, then press again to set it (Fig. 30).**
5. **Press MODE to exit from programming and automatically save your new settings.**

NOTE: If the building's wiring colors don't allow you to wire "A" from "B", just pick one of the two wires and connect as if it is wire "B." After the installation is complete, if the controlled light or device will not turn on properly, simply reverse wires "A" and "B." See Steps J and K for how to check.

Back wires into the timer wall box leaving room for the timer.
- Using screws provided, mount the switch timer into the wall box, then install the wall plate.
- Install the remote 3-way switch in its box and install wall plate. Turn the power back on at the service panel.
- Make sure the switch timer displays "MAN" mode. Do the followings with the remote switch in each of its 2 positions:
- Press the ON/OFF button on the switch timer several times. Each time that you push the ON/OFF button, the switch timer should "click" and the controlled light or device (the "load") should turn on or off. If so, proceed to Step K.
- If the timer clicks but the load does not operate, re-check your wiring and make sure the load is functional.
- If the timer clicks but the load only operates when the remote switch is in one of its 2 positions, you need to turn off the power at the service panel, then reverse wires "A" and "B." You can reverse wires "A" and "B" at the remote switch wall box, or you can reverse wires "A" and "B" at the old switch, connect the red and blue wires of the switch timer. Then turn power back on at the service panel and repeat Step J.
- Verify that the controlled load turns on or off each time that the remote switch is operated.

J: Multiple Switch Timer Setup:

Multi-switch applications using the EI600 Series timer switch are wired differently than when using conventional toggle switches. Read the following installation instructions carefully.
- **Multiple switch timers may be mounted in an unlimited number of configurations.**
- **No derating is required for multiple switch timers.**

For four or more switch setups:

Use the preceding 3-switch installation diagram and wire 4-way switches between the two 3-way switches.

NOTE: Remote switch(es) may not function reliably when the accumulated wire length to the remote switch(es) exceeds 100 feet or if the wiring to the remote switch(es) is buried underground. Contact Interactive Home's Customer Service for details.

NOTE: Used remote switches from a previous conventional installation may not work with an electronic timer. Try a brand new remote switch if function is intermittent.