Troubleshooting Guide

1. Before Installing Switch Timer, Install and Check Battery

Before installing the switch timer into the wall, make sure the supplied batteries are installed and working.

1. Open the access door to reveal the battery tray, located below the faceplate. Battery tray is pushed fully into place.
2. Recheck the tab to connect the installed batteries. Make sure battery tray is pushed fully into place. The display will initialize itself then flash “12:00 AM” in its current state prior to entering the PGM mode. The timer will then begin following the programmed schedule at the time of your choosing.

2. Install the Switch Timer

1. Turn off power at the service panel by REMOVING FUSE or TURNING THE CIRCUIT BREAKER OFF.
2. Remove the existing wall switch.
3. Trim building wires to 7/16” as shown.

For Single-Switch Installations:

a. Connect one of the two wires from the wall to the BLACK wire from the switch timer, using the twist connectors provided.

b. Connect the other wire from the wall to the BLUE wire from the switch timer, using the twist connectors provided.
For a two-switch setup (3-way) when reusing the existing 3-way Wiring Diagrams for Multiple Switch Timer Setups:

1. Press M+ to stop the flashing. Press again as necessary to display the correct month (Fig. 3).
2. Press D AY/ D ayST as necessary to display the correct date (Fig. 3). The correct day of the week is shown as well.
3. Press NEX T O/N/ OFF to set Daylight Saving Time (DST). The display flashes between DST and AUTO (Fig. 4).
4. Press D AY/ D ayST to stop the flashing. Press again to toggle between AUTO and MAN for whether you want to adjust automatically for DST.

NOTE: If you use DST, select AUTO (Fig. 5).
• If your area does not use DST, select MAN.

5. Press NEX T O/N/ OFF to set your ZONE. The display flashes between the ZONE and CENT (Fig. 6). This feature tracks changes in sunrise and sunset times.

6. Press ZONE to stop the flashing. Press again to toggle between SOUTH, NORTH, and CENT. Use the map (Fig. 7) to determine your zone.

7. Press NEX T O/N/ OFF to set exact sunrise and sunset times. The display flashes between SUNUP and an AM time (Fig. 8). Find the exact times in your area in your newspaper or online.
• If you DO NOT want to set exact Sunup and Sunset times:
  a. Press NEX T O/N/ OFF to advance to SNSEt.
  b. If you DO want to set exact Sunup and Sunset times:
    a. Press H OURL + as necessary to set the correct SNSEt.
    b. Press NEX T O/N/ OFF to advance to setting exact SNSEt time (Fig. 10).
    c. Press H OURL + as necessary to set the correct SNSEt hour.
    d. Press M+ as necessary to set the correct SNSEt minute.

Setting the Calendar is complete. Now set Time of Day.

1. Press M OD E to display CLK (clock) and a time. The first time, 12:00 am will flash (Fig. 11).
2. Press H OURL + to adjust the hour.
3. Press M+ and M+ to set the correct time.

NOTE: If you go too far, keep pressing D AY/ D ayST to loop back around.

6a – Set an ON/OFF Program for Sunrise/Sunset

1. Press M OD E until the screen displays PGM with blanks for time (Fig. 18).
2. Press D AY/ D ayST as many times as necessary to display 12:00 a.m. and the days(y) you want the program to activate. Choices are: - every day - weekly days (Fig. 19) - only a specific day

NOTE: If you go too far, keep pressing D AY/ D ayST to loop back around.

3. Press NEX T O/N/ OFF to display the date. The word DATE and a number will be flashing (Fig. 2).
4. Press M+ to stop the flashing. Press again as necessary to display the correct month (Fig. 3).

7 – Selecting AUTO, AUTO RANDom, or MANual Operation

Once set up, you have three choices for using the switch timer. To make a selection, open the front cover and press the MODE button until you see your choice of the following options:
• AUTO — uses the timer settings you have programmed.
• AUTO RANDom — gives your home a "lived-in" look by varying your settings by a random amount of ± 20 minutes or so.
• MANual — maintains your settings but operates the switch timer like a standard ON/OFF. Press on the door of the switch timer for AUTO RANDom, press again for OFF.

Manual Override
To override a program (ON/OFF time) till its next schedules time:
• Press on the control cover (over the programming buttons)
• Open the control cover and press the NEXT O/N/ OFF button.

The “Air Gap” Switch
The manual “air gap” switch at the top edge of the switch timer is designed to turn power off for routine maintenance (e.g., repairs, removing broken bulbs, etc.). Using this switch for normal ON/OFF operation will shorten battery life.

About the Battery
• The two LR44/SR44 alkaline batteries maintain calendar and time settings during power interruptions for up to 3 months of accumulated interruptions. All other settings remain in memory indefinitely without batteries or AC power.
• Remove battery to disable a switch timer will be without AC power for an extended time.
• Replace the batteries if the display is dim or displays “LOBAT”.
• Batteries may be changed without removing AC power.
• If AC power is interrupted, the batteries within 15 seconds to avoid losing time-of-day and calendar settings.
• Remove the battery holder by prying left and right of the holder with a small screwdriver and then pry the battery holder up.
• Install new batteries in the battery holder as marked, then place it back into the switch timer with notch down.
• If the display flashes “12:00”, reset time and check the date.