WE7100(TM-029S)
Size: W-17" x H-8.2"

Things you should know about programming events
- Pressing the TIME button again can continue setting Week/Hour/Minute in same event.
- You can repeat the ON and OFF programming procedures outlined above for up to 7 events, as needed
- Do not overlap event times (for example, 8:00 pm ON /12:00pm OFF, and 9:00 pm ON / 11:00 pm OFF). This settings can cause the timer to work in an unexpected way.

REVIEWING EVENTS PROGRAMMED
1. In the current time display, press the PROG (Program) button repeatedly to check your settings.

CLEARING (DELETING) AN EVENT
1. Press the PROG (Program) button as many times as necessary to locate the setting you want to clear.
2. Press and hold the RESUME button to clear the setting.
3. When finished, keep pressing the PROGRAM button or hold TIME button for 2 seconds to return the display to the time of day.

OPERATING THE TIME SWITCH
Press the MODE button repeatedly to set the timer to Automatic, Random or Manual mode.
NOTE: For the time switch to run programmed events, it must be set to "AUTO" mode.
AUTO: runs all events automatically, according to the schedule you have set. The word "AUTO" appears in the display.
RND (Random): runs all events in a RANDOM mode. This is a security feature in which ON and OFF times randomly differ ± 15 minutes from the programmed times, creating a more "lived-in" look. The word "RDM" appears in the display.
NOTE: DO NOT set the ON / OFF events within 30 minutes or less from one another if you are going to use this timer in the RANDOM MODE. The RANDOM MODE is ± 15 minutes of programmed times and may overlap one another, causing the timer to possibly not work as desired.

OVERRIDING TIMER SETTINGS
The ON / OFF buttons override the current programmed events.The ON / OFF buttons override the current programmed events.
To override the current program (either ON or OFF), press the ON/OFF button.
NOTE: If the timer is not in "Manual" mode, it will obey the next programmed event. This allows the user to manually turn a light on and allow the program to shut the light back off at a preset time.
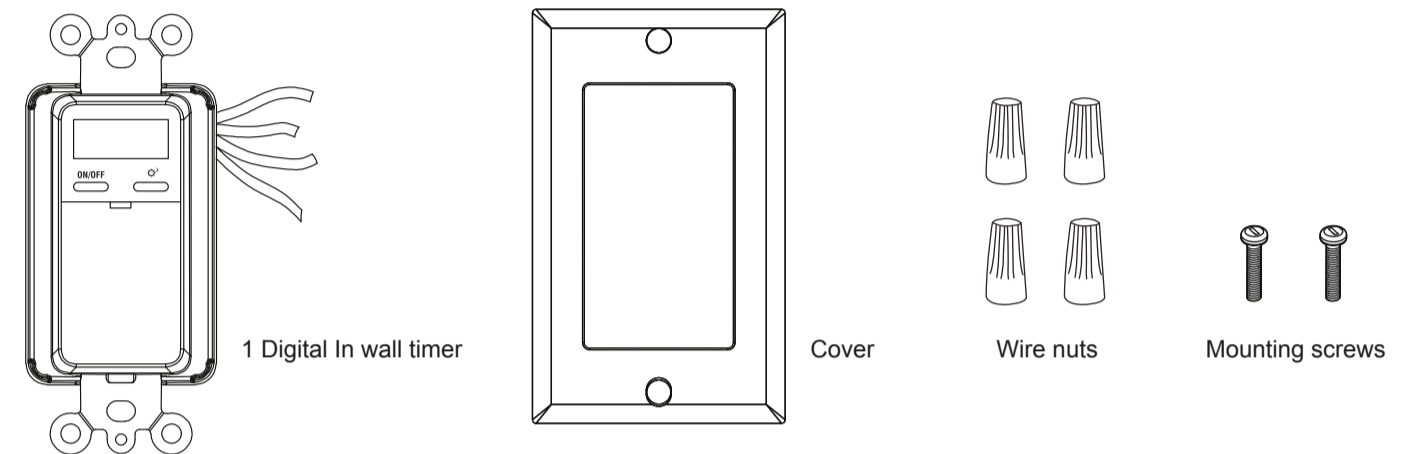
RESETTING THE TIMER
In case of an operational failure of the timer, press the RESET button to clear all settings and restart.

*Works with CFL bulbs.
*This timer has been tested to work with standard compact fluorescent (CFL) bulbs. However, it will not control a CFL bulb that specifically states "not to be used with timer controls." If in doubt, please consult the bulb manufacturer.

SAVE THESE INSTRUCTIONS!

ASTRO TIMER
WITH AUTO DST

Rating:
General: 125 VAC, 60 Hz; 15 A, 1875W
Resistive: 125 VAC, 60 Hz; 15 A, 1875W
Tungsten (incandescent): 8 Amp, 125 VAC 1000 Watts
Ballast (fluorescent): 8 Amp, 125 VAC
Motor: 1/4 H.P., 125 VAC
Electronic Ballast: 500 VA

CONTENTS

1 Digital In wall timer   Cover   Wire nuts   Mounting screws

⚠ SAFETY INFORMATION

WARNING
- TO AVOID FIRE, SHOCK, OR DEATH, TURN OFF POWER AT CIRCUIT BREAKER AND TEST THAT POWER IS OFF BEFORE WIRING.

CAUTION
Wattage of lamps or appliances controlled must NOT exceed rated capacity. FOR INDOOR USE ONLY.

INSTRUCTIONS
1. Remove wall plate and disconnect existing light switch.
2. Make sure both "hot" and neutral wires are present in the junction box. If both wires are not present, additional wiring will be necessary before installation can be completed.
3. Connect red timer wire to wire from fixture using wire connector.
4. Connect black timer wire to the "hot" (usually black or red) wire in junction box using wire connector.
5. Ensure neutral wire has 1/2" of exposed wire for connection to neutral lead from switch.
6. Connect the white wire (D) from the timer to the white wire(s) in the junction box. Secure connection using the wire connector (orange) included in the package.
7. If the wall switch you are replacing had separate grounding conductors connected to the GREEN screw on the switch, make sure to connect these to the green wire from the timer with a wire connector.
8. Check that all wire connections are secure.
9. Place all wires inside junction box.
10. Fit timer into junction box and install using two (2) mounting screws (included).
11. Reconnect the electrical power.
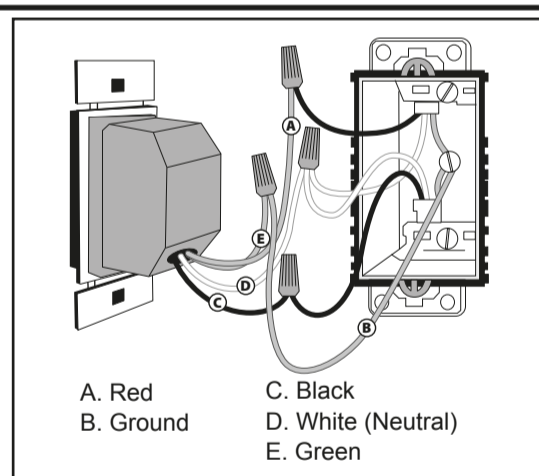
A. Red
B. Ground
C. Black
D. White (Neutral)
E. Green
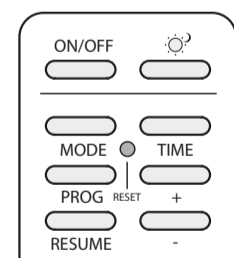
SETTING THE CLOCK
1. Press TIME button to set current time. Start with YEAR.
   a. Press "+" to increase number. Press "-" to decrease number. Year setting range: 2009-2099
2. Press TIME button again to set current month.
   a. Press "+" to increase number. Press "-" to decrease number. Month setting range: 01-12.
3. Press TIME button again to set current day.
   a. Press "+" to increase number. Press "-" to decrease number. Day setting range depends on Month/Year: Max to 31. Weekday will show at the same time on top: Mo to Su
4. Press TIME button again to set Day-Light-Saving-Time (DST).
   a. Press "+" or "-" to set DST function ON / OFF.
   • DST ON: Auto-run current time one hour earlier from 2 a.m. on the second Sunday in March to 2 a.m. on the first Sunday of Nov.
   • DST OFF: Current time no auto-change
5. Press TIME button again to set current hour.
   a. Press "+" to increase number. Press "-" to decrease number. Hour setting range: 12-hour clock AM/PM.
6. Press TIME button again to set current minute.
   a. Press "+" to increase number. Press "-" to decrease number. Minute setting range: 00-59.
7. Press TIME button again to set current zone.
   a. Press "+" or "-" to set zone.
   NORTH: NOR
   CENTER: CEN
   SOUTH: SOU
8. Press TIME button again to finish current time setting and show current time.

BUTTON LAYOUT

NOTE: When setting the current time during the Day-Light-Savings Time period, and your DST function is ON, your current time should be the time after DST.

SETTING THE SUNRISE / SUNSET SCHEDULE
This unit's sunrise/sunset schedule is based on USA astronomic zones. The actual sunrise/sunset schedule may slightly differ from east to west. You can set the actual sunrise/sunset time today. This unit will memorize the difference and auto-adjust for following dates.
1. Press ☼ button to show current Sunrise time.
   a. Press "+" to increase number. Press "-" to decrease number. Setting range: MAX +/- 2 hour
2. Press ☼ button again to show current Sunset time.
   a. Press "+" to increase number. Press "-" to decrease number. Setting range: MAX +/- 2 hour
3. Press ☼ button again to finish current Astro setting and show current time.

SETTING PROGRAMS
1. Press PROGRAM button to set a program event.
   a. If there are no saved programs, the display will look like the image on the right.
2. Press TIME button to set power ON schedule in program event 1 – week/day. Press "+" or "-" to setting week/day mode.

Week/Day Setting Mode
a. Every Monday: MO
b. Every Tuesday: TU
c. Every Wednesday: WE
d. Every Thursday: TH
e. Every Friday: FR
f. Every Saturday: SA
g. Every Sunday: SU
h. Every week: MO TU WE TH FR SA SU
i. Every weekday: MO TU WE TH FR
j. Every weekend: SA SU
3. Press TIME button again to set power ON schedule in program event 1 – Hour.
   Press "+" or "-" to cycle through the hours or to choose sunrise or sunset.
   Hours setting mode:
   a. 12-hour clock AM/PM
   b. Sunrise
   c. Sunset
   • If you select Sunrise or Sunset as ON event, please press PROGRAM button to continue setting OFF event.
4. Press TIME button again to set power ON schedule in program event 1 – Minute. Press "+" to increase number. Press "-" to decrease number. Minute setting range: 00-59.
5. Press PROGRAM button to finish this setting and to set power OFF schedule for program event 1.
6. Repeat step 2-4 to set the OFF time for program event 1.
7. Press PROGRAM button to set next event.
8. When programming is complete, press the TIME button for 2 seconds to display the current time.