

TIE-7 7-Day Digital In-Wall Timer

TIE-7 Digital In-Wall Timer Installation and Operating Instructions.

Thank you for purchasing the TIE-7 Digital In-Wall Timer.

Features of this timer include:

◆ Introduction:

The timer can replace your regular light switch to control lights for security. Or can control an outlet to switch most 120VAC loads up to the maximum rating on the timer label. The timer can control incandescent lights, fluorescent lights, flood lights. Stereos, or appliances such as an air conditioner.

You will need to use a Decorator style wall plate(free) with this timer.

Features:

Automatic or manual operation. Push the control cover to switch ON or OFF at any time.

Push and hold the cover for 5 seconds, will enter into AUTO mode. Program up to 18 ON / 18 OFF setting option.

Large, easy-to-read digital display, To-the-minute accuracy.

Multiple daily settings options:

1. All days of the week
2. Individual days of the week
3. 5 weekdays
4. 2 weekend days

Batteries save the time and program settings for 6 months when the unit is unplugged or there is a power outage.

Specs

- 15 Amps, 1800 Watts Resistive and 1200 Watts Tungsten
- 1/2 H.P. 120 VAC, 60 Hz
- Operating Temperature: 0°C to + 40°C

◆ Installation Instructions-Single Switch-to replace and existing switch:

1. TURN OFF POWER by REMOVING FUSE or turning the CIRCUIT BREAKER OFF.
2. Remove the existing wall switch.

3. Connect one of the building wires to the black wire from the timer, using the wire nuts provides. Connect the other building wire to the white wire from the timer. Connect the light wire to the red wire from the timer. BE SURE THAT ALL THE WIRE NUTS ARE SECURE.
4. Tuck the wires into the wall box leaving room for the timer.
5. Using the screws provided, mount the timer to the wall box then install the wall plate.
6. Slide the power button to ON, your timer is now ready to set.

Wiring diagram:

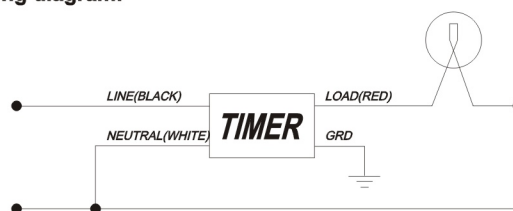


Fig. 1

◆ Setting The Clock:



How to set the clock:

1. Push and release PGM button, enter into the CLK setting program.
2. the blinking colon stays on (stops blinking).
 - a. Push and release Day to change the day of week.
 - b. Push and release HOUR to change the hour and AM/PM.
 - c. Push and release MIN to change the minute.

Notes:

If you push and hold DAY, HOUR or MIN the display changes quickly.
Seconds are set at 0 when the CLOCK button is released if either the HOUR or MIN have been set.

◆ AUTO Mode

In auto mode the programmed on and off times automatically switch the wired in light(s) on and off. See how to program the timer, below for how to enter or change the automatic program times.

You can push M/A button while in AUTO mode to manually override the program and turn the wired in light(s) on or off. The programmed switching times remain. The timer stays in auto mode.

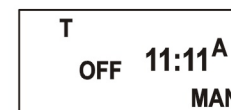
Fig. 2



◆ OFF Mode

In the OFF mode the wired light (s) are off. You can push M/A button to switch to ON mode and turn the wired light(s) on.

Fig. 3



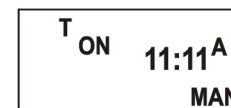
Notes:

1. **WARNING DO NOT USE THE TIMER TO TURN OFF POWER FOR MAINTENANCE**(repairs, removing broken bulbs, etc.). ALWAYS TURN POWER OFF AT THE DEVICE PANEL BY REMOVING A FUSE OR CIRCUIT BREAKER BEFORE DOING ANY CIRCUIT REPAIRS.
2. In case of a conflict (for example you have programmed the timer to be on at 4 pm every day of the week and also programmed the timer to be off at 4 pm on Saturdays) the higher program number is followed. In case of a conflict within a program number Off is followed rather than On.

◆ ON Mode

In the On mode the wired light(s) are on. Push M/A button to turn the wired light(s) off and switch the mode to OFF.

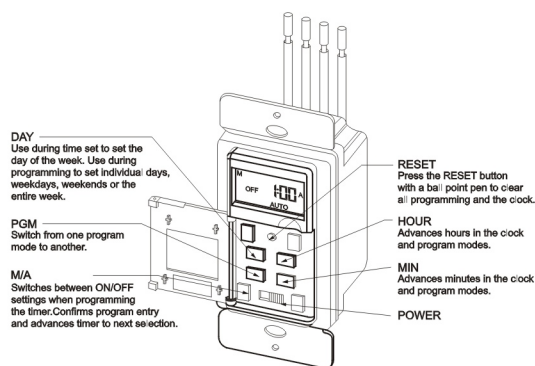
Fig. 4



TIE-7 7-Day Digital In-Wall Timer

◆ Familiarize yourself with the timer controls and displays. Timer Controls

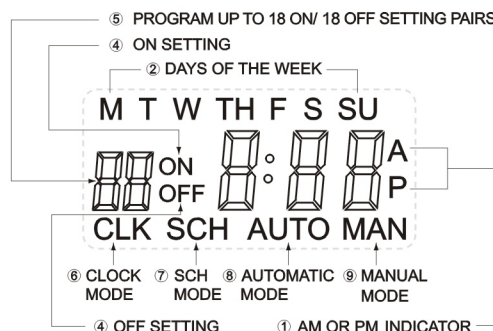
1. Display-LCD display.
2. RESET button-push the RESET button with a ball point pen to clear all programming and the clock.
3. M/A button-push and release to manually switch on or off at any time.
4. PGM button-switch from one program mode to another, CLK mode, SCH mode, AUTO mode.
 - a. CLOCK mode-to set the clock.
 - b. SCH button-to program up to 18 ON/18 OFF setting pairs
 - c. AUTO mode-enter into the Automatic mode.
5. Day button-use during time set to set the day of the week. Use during programming to set individual days, weekdays, weekends or the entire week.
6. HOUR button-use during time set or programming to set the hour.
7. MIN button-use during time set or programming to set the minute.



Displays

1. AM/PM INDICATOR
2. DAYS OF THE WEEK
3. 05:16-TIME
4. ON/OFF SETTING
5. PROGRAM UP TO 18 ON/18 OFF SETTING PAIRS
6. CLK MODE

7. SCH MODE
8. AUTOMATIC MODE
9. MANUAL MODE



◆ How to program the timer:

You can program the timer in AUTO, ON or OFF modes. The program is followed in AUTO mode.

1. Push and release PGM button, enter into the SCH setting program to start the programming. 0.00 means there is nothing programmed for that Prg number and on/off time.

Note: You can push and release PGM button again to switch between the PRG # on time and the PRG # off time. The light bulb symbol switches on or off but the plugged in light(s) do not.

2. Push and release DAY to choose the day*.

*Push and release DAY several times to set: a single day MO, TU, WE, TH, FR, SA, OR SU; or all week(all days of week displayed); or weekdays(MO TU WE TH FR displayed); or weekends(SA SU displayed); or all days but Saturday Sunday(MO TU WE TH FR displayed).
3. Push and release HOUR to choose the hour.
4. Push and release MIN to choose the minute.
5. Repeat steps 2,3 and 4 to set the OFF program.
6. Push PRG button to switch to the SCH mode, to set Sch 1, Sch 2, Sch 3, ...up to Sch 18, to program additional ON/OFF times.

After the program is set, push and release the M/A button or without any pressing within 5 minutes will enter into AUTO mode.

◆ FULL TWO YEAR WARRANTY

If within five(5) year from the date of purchase, this product fails due to a defect in material or workmanship, we will repair or replace it, at its sole option, free of charge. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to unauthorized repair, opened, taken apart or otherwise modified; (c) unit not used in accordance with instructions; (d) damages exceeding the cost of the product; (e) sealed lamps and/or lamp bulbs, LED's and batteries; (f) the finish on any portion of the product, such as surface and /or weathering , as this is considered normal wear and tear; (g) transit damage, initial installation costs, removal costs, or reinstallation costs.

WE WILL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY MODIFIED TO EXIST ONLY AS CONTAINED IN THIS LIMITED WARRANTY, AND SHALL BE OF THE SAME DURATION AS THE WARRANTY PERIOD STATED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.