

42E724P Programmable In-Wall Timer

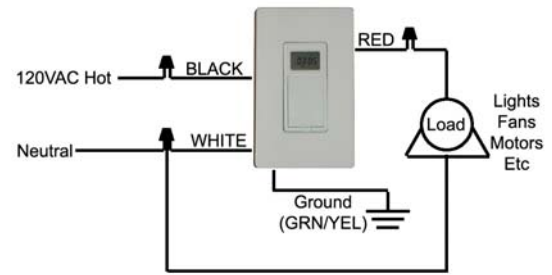
Installation and Operating Instructions

Use as replacement for standard indoor wall box toggle switch to provide automatic control of outdoor or indoor lighting, fans, pumps, office machines, and other types of circuits rated at 120 VAC.

Installation Instructions

This device requires installation by a licensed electrician or qualified professional. Use of voltage detector or meter is recommended. (*Wiring diagram provided for reference.*)

1. Turn OFF the main power
2. Remove the existing switch.
3. Connect the wires of Timer and wall box as followed by using the wire nuts provided.
 - a. Connect the Hot/Live wire of main power to the Black wire from Timer.
 - b. Connect both the Neutral wires of main power and load to the White wire from Timer.
 - c. Connect the Hot/Live wire of Load to the Red wire from Timer.
 - d. Connect the Earth (Ground) wire to the Yellow/Green wire from Timer.
4. Tuck the wires into the wall box leaving room for the Timer.
5. Using the screws provided, place through the Big hole on the mounting yoke of Timer to mount the Timer to the wall box.



Wire in accordance with National and Local Electrical Codes.

SPECIFICATIONS:

Ratings:

120VAC, 60Hz	1HP
15A Resistive	15A Tungsten



Operation Instructions

Power Up Sequence:

1. Lift up the bottom of the door using a small slotted screwdriver.
2. Position the slide switch to TIMER.
3. Press the "RESET" button using a paper clip.
4. The display should flash 12:00AM on Monday.

NOTE: In the event that the screen is blank, check the following:

1. The OFF/TIMER switch located at the bottom may be in the OFF position. Slide it to the TIMER position using a small screwdriver.
2. Check LOAD connected to the 42E724P.
3. Check the 120VAC power source.

Setting Current Time: Press and HOLD the "CLOCK" key during this procedure.

1. Press the "HOUR" key to advance the hours.
2. Press the "MIN" key to advance the minutes.
3. Press the "DAY" key to advance the day.
4. If any keys are pressed for a prolonged period, the display will advance rapidly.
5. Release the "CLOCK" key once the time and day have been entered.

The timer is operating and ready to program. The colon ":" after the hours will continuously flash indicating that the time is advancing.

Programming "ON/OFF" Events:

1. Press the "PROG" key once. TIMER 1 ON -- : -- appears. Using the "HOUR" and "MIN" keys enter the desired ON time. When complete press the PROG key once.
2. Timer OFF -- : -- will be displayed. Using the "HOUR" and "MIN" keys enter the desired OFF time. When complete press the PROG key once.
3. If complete press the "CLOCK" key to return to current time and day. A total of 7-ON and 7-OFF events can be programmed.
4. Close door when programming completed.

Block Programming: When programming "ON/OFF" events, all days are indicated by default. To change the day selection; simply keep pressing the "Day" key and the display will change as follows: Individual Day (MON, TUE, etc.); MON~FRI; SAT~SUN; MON~SAT; MON~SUN; MON-WED-FRI; TUE-THU-SAT; MON-WED; THU-SAT. Follow the steps above to complete programming.

Reviewing Programs: To review entered programs; simply press and release the "PROG" key. Each time you do this you will be able to scroll thru the programs. Any program can be edited simply by pressing the HOUR, MIN, and DAY keys. Then press the PROG key in order to accept the changes. When complete press the "CLOCK" key to return to current time and day.

MEMORY BACKUP: The 42E724P is equipped with a rechargeable Ni-Mh battery which will protect your programs during power failure for up to 30 days. No need to replace battery. Note that the screen blanks during a power failure.



NOTE: It is necessary to press "MIN" at least once to display "00" for minutes (ex. 9:00 AM). By default all days are indicated.

Deleting Programs: To delete a particular program press the PROG key until the desired program is displayed. Then press the HOUR and MIN keys until -- : -- is displayed. Then press the PROG key in order to delete the program. When complete press the "Clock" key to return to current time and day. Manual Override: Pressing the 42E724P cover while closed will alternate the unit ON or OFF.

Disable Function: The 42E724P has a disable function whereby the programs do not execute. It's ideal during Holidays of vacation period where the unit is not to perform any function. Simply slide bottom slide switch of OFF.

Initial Startup: When you initially program the unit it may be necessary to press the manual override key as the unit will not look back to determine if it should be ON. Example: the current time is 2:00PM and you just programmed the unit to turn "ON" at 1:00PM, press the manual override key to turn the unit "ON". Thereafter, the unit will resume normal automatic operation.