

**FOR AUTOMATIC PROGRAMMING: (REPEATS EVERY 24 HOURS)**

1. GRASP TIME-DIAL FIRMLY, PULL AND REMOVE COMPLETELY FROM TIMER.
2. REMOVE ALL ON TRIPPERS (SILVER) AND OFF TRIPPERS (BRASS). USE PENCIL OR PAPER CLIP IF NECESSARY.
3. TO PROGRAM TIMER: FIRST, INSERT OFF TRIPPERS (BRASS) IN SLOTS FOR DESIRED OFF TIMES, BUT NOT CLOSER THAN 2 HOURS APART. SECOND, INSERT ON TRIPPERS (SILVER) IN SLOTS FOR DESIRED ON TIMES, BUT NOT CLOSER THAN 2 HOURS APART. ON AND OFF TRIPPERS MAY BE SPACED 1/2 HOUR APART FROM EACH OTHER.
4. REPLACE TIME DIAL, PUSH IN FIRMLY. IF ANY TRIPPERS ARE NEAR THE TIME-LINE, ROTATE TIME-DIAL TO AVOID



**INTERFERENCE WITH MECHANISM INSIDE.**  
5. TURN TIME DIAL CLOCKWISE ONE OR MORE REVOLUTIONS UNTIL CORRECT TIME-OF-DAY IS OPPOSITE TIME-LINE.

• TO TURN LAMP OR APPLIANCE ON OR OFF MANUALLY AT ANY TIME, USE MANUAL CONTROL AS INDICATED. THIS WILL NOT EFFECT NEXT AUTOMATIC OPERATION.

• TO STOP AUTOMATIC OPERATION, (BUT KEEP TIMER RUNNING) PULL OUTWARD ON TIME DIAL UNTIL IT CLICKS.

• TO RESUME AUTOMATIC OPERATION, PUSH INWARD ON TIME-DIAL.

TO SECURE EXTRA TRIPPERS ORDER NO., 156EB1945A. FOR A SET OF 2 ON AND 2 OFF TRIPPERS.

**CAUTION: WATTAGE OF LAMPS OR APPLIANCES BEING CONTROLLED SHOULD NOT EXCEED CAPACITY OF TIMER.**

**INTERMATIC INCORPORATED**  
SPRING GROVE, ILLINOIS 60081-9698

158EB12392

# How to install and operate your NEW



## 24 HOUR automatic in-wall multiple program timer

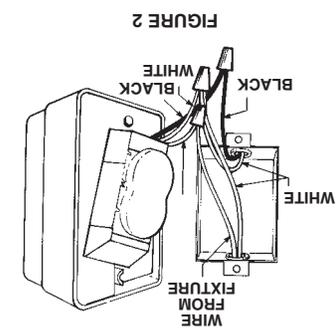
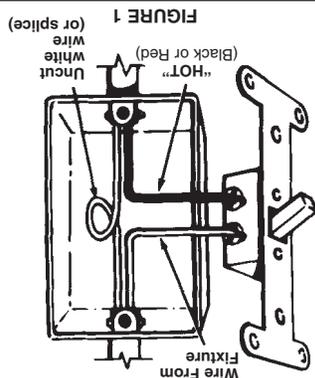


# model: E-1020

FOR SINGLE POLE WALL SWITCH APPLICATION/REPLACEMENT ONLY  
RATED: 15 AMP. MAXIMUM. 12 AMP. (1500 WATT) TUNGSTEN, 12 FULL LOAD AMPERES - 125 VOLTS, 60 HZ.

All wiring and installation must conform to national and / or local electrical codes.

**ONE YEAR LIMITED WARRANTY**  
If within the warranty period specified, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace, at its sole option, the unit free of charge. This warranty applies only to the original purchaser and is not transferable. This warranty does not apply to: (a) damage caused by accident, abuse, mishandling, dropping, acts of God, or any negligent use; (b) units which have been subjected to unauthorized repair, opened, taken apart, or otherwise modified; (c) units not used in accordance with instructions; (d) damages exceeding the cost of the product. Some states do not allow a limitation of damages, so the foregoing limitation may not apply to you.  
This warranty gives you specific legal rights and you may have other rights that vary from state to state.  
INTERMATIC INCORPORATED WILL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY AND THE WARRANTY OF FITNESS AS CONTAINED IN THIS LIMITED WARRANTY, AND SHALL BE OF THE SAME DURATION AS THE WARRANTY PERIOD STATED ABOVE.  
This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing postage prepaid to the nearest authorized service center listed. Please be sure to wrap the product securely when mailing to avoid shipping damage. This warranty is made by: Intermatic Incorporated / After Sales Service, 7777 Winn Rd., Spring Grove, IL 60081-9698 / 815-675-7000  
<http://www.intermatic.com>



**HOW TO INSTALL. . .**  
1. Disconnect your electrical power for safety during installation.  
2. Remove wall plate and disconnect light switch. **Make sure both "hot" and neutral wires are present in the junction box.** (See Fig. 1.). 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. Connect black timer wire to the "hot" (usually black or red) wire in junction box using wire connector. Cut white wire in junction box (or open splice) and strip 1/2" of insulation on both wires. Connect white timer wire to white wires in junction box using wire connector. (See Fig. 2)  
4. If the wall switch you are replacing had separate grounding conductors connected to the GREEN screw on the switch, make sure these wires are now securely connected to the METAL wall box, or, if your box is non-metallic (plastic) the wires are securely tied together.  
5. Check that all wire connections are secure.  
6. Place all wires inside junction box. Fit timer over junction box first, making sure that all wires and twist on wire connectors clear the back of timer motor. DO NOT FORCE. Next, install timer using (2) mounting screws furnished.  
7. Reconnect your electrical power. Set timer - see operating instructions.

**THIS IN-WALL TIMER. . .** is designed to be easily installed in an electrical junction box to replace a wall switch. The unique MULTIPLE Program feature enables the user to automatically turn lamps or appliances ON and OFF several times a day. Functioning as an "automatic" wall switch, it will follow a preset program and will repeat it every 24 hours. Nevertheless, the program can be easily changed, manually interrupted or suspended at any time.