

MODEL EJ600 SERIES DIGITAL ASTRONOMIC TIMER QUICK SET / INSTALL INSTRUCTIONS

⚠ WARNING Risk of Fire or Electrical Shock

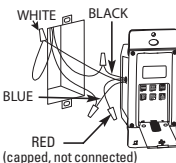
- Risk of injury or death. Remove electrical power at service panel before installing.
- Risk of fire and burns. Do not recharge, disassemble, heat above 212°F (100°C), crush, or incinerate the battery. Keep out of reach of children.
- Do not use timer to control devices that could have dangerous consequences due to inaccurate timing such as sun lamps, sauna, heaters and crock pots.
- Connect ONLY to wiring rated 90°C min.
- Follow local electrical codes during installation.

INSTALLING THE SWITCH TIMER

1. Turn off power at the circuit breaker or fuse and verify that the power is OFF before wiring.
2. Strip wire ends to 7/16".
3. Make wire connections using the twist on connectors provided.

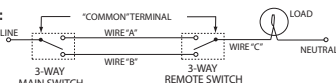
INSTALLING THE SWITCH TIMER WITH A SINGLE SWITCH SETUP

1. Connect one wire from the wall to the black wire from the switch timer with the twist connectors provided.
2. Connect the other wire from the wall to the blue wire from the switch timer with the twist connectors provided.
3. **NOTE:** Cap the RED wire, which is not used in single-switch installations, with a twist connector.
4. Connect the BARE COPPER wire to the grounding screw in the box. If a plastic box, connect to ground as supplied.
5. Connect the NEUTRAL (usually White) wire from the wall to the WHITE wire from the timer.
6. Gently tuck wires into the timer wall box leaving room for the timer.
7. Using screws provided, mount the switch timer into the wall box, then install the wall plate.
8. Turn the power back on at the service panel.
9. Go to "QUICK SET/INSTALL INSTRUCTIONS."



INSTALLING THE SWITCH TIMER WITH A 3-WAY SWITCH SETUP

DIAGRAM 1:
TYPICAL
EXISTING
2-SWITCH
SETUP



1. Follow above instructions, but wire per diagrams 2 or 3 below.
2. Refer to full instruction sheet for more detailed installation instructions.

DIAGRAM 2:
2-SWITCH SETUP,
TIMER INSTALL
RE-USING EXISTING
REMOTE 3-WAY SWITCH

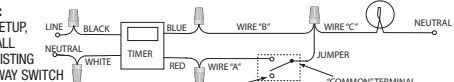
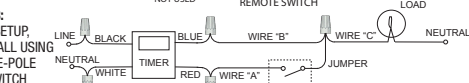


DIAGRAM 3:
2-SWITCH SETUP,
TIMER INSTALL USING
NEW SINGLE-POLE
REMOTE SWITCH



QUICK SET/INSTALL INSTRUCTIONS

Please refer to full instruction sheet for more detailed wiring and programming instructions and troubleshooting.

PROGRAMMING STEPS:

The **MODE** button scrolls through the 6 modes. **CAL**endar, **CLK** (Clock), **PGM** (ON/OFF Events), **AUTO**, **AUTO RAND**, and **MAN**ual.

CALendar, **CLK** (Clock), **PGM** are settable for your geographic location and schedule preference.

AUTO, **AUTO RAND** and **MAN** are the operating modes. **AUTO** turns On/Off per the schedule(s) in program. **AUTO RAND** uses the schedule in program but moves +/- a few minutes each day to give the impression a person is activating the lights.

MAN allows you turn the light on or off by pushing the timer door, but the program is not used. **MAN** mode does not erase the program.

The **NEXT ON/OFF** button scrolls through settings in **CAL** and **PGM** modes. **NEXT ON/OFF** button turns load on or off in operating modes.

The **DAY/DST**, **HOURLY**, **YEAR-**, and **M+** **ZONE+** **YEAR+** buttons adjust settings in **CAL**, **CLK**, and **PGM** modes.

1. CLEAR ALL PREVIOUS SETTINGS

- a. Press and hold **NEXT ON/OFF** then press the **RESET** button for 5 seconds and release both buttons.
- b. The timer should be at 12:00 A.M. in **MAN** mode.

2. SET/REVIEW CALENDAR INFORMATION

- a. Press **MODE** until **CAL** shows in upper left.
- b. Set **YEAR** with **YEAR+** and **YEAR-** buttons.
- c. Press **NEXT ON/OFF** to show **DATE** screen.
- d. Set date using **M+** (Month) and **DAY/DST** buttons.

- e. Press **NEXT ON/OFF** to show **DST** selection. **AUTO DST** is the default.
- f. Use **DAY/DST** button to select **AUTO** for **AUTO**matic Daylight Saving Time adjustment or **MAN** for no adjustment. Arizona & Hawaii should be set to **MAN**.
- g. Press **NEXT ON/OFF** to show **ZONE** screen.
- h. Select your region **SOUTH**, **CENTR**, or **NORTH** using **ZONE+** button.
- i. Press **NEXT ON/OFF** to show **SNUP** screen.
- j. Adjust today's **SNUP** time using **M+** and **H+**
- k. Press **NEXT ON/OFF** to show **SNST** screen.
- l. Adjust today's **SUNSET** time using **M+** and **H+**
- m. Repeatedly press **NEXT ON/OFF** to review your calendar settings.

3. SET/CHANGE TIME OF DAY

- a. Press **MODE** button until **CLK** shows on top.
- b. Set time of day with **HOURLY** and **M+** buttons.

4. SET SPECIFIC ON or OFF TIMES

Most schedules use 1 program for all seven days.

- a. Press **MODE** button until **PGM** shows.
- b. Initially Event "1 ON" is displayed. Use **NEXT ON/OFF** button to scroll through the 14 possible events, 1-7 ON and 1-7 OFF. Dashes "--:--" means the displayed event has not been set.
- c. Starting with event "1 ON", press **DAY** button repeatedly to select a day or group of days when event "1 ON" should operate. After you scroll through all day choices that also display a time, the time display will be replaced with the word "SNST", meaning turn ON at Sunset (See section 5, "Set ASTRO Times" below). Continue scrolling with **DAY** button until the **SNST** display changes back to a time display, then continue scrolling to select the day or group of days desired for a specific time for event "1 ON". Scroll to "--:--" to skip or cancel an event.
- d. Set event "1 ON" time with **HOURLY** and **M+**.
- e. Press **NEXT ON/OFF** to advance to event "1 OFF". Follow similar steps as in 4c and 4d above to set event "1 OFF".
- f. Press **NEXT ON/OFF** to display and set additional higher numbered ON and/or OFF events per steps 4c, 4d, and 4e, above, if needed.
- g. When all events scheduled are set, continue to step 7 or 8 below.

5. SET ASTRO EVENTS (AM ON or PM OFF)

"ASTRO" events occur at the calculated sunset (ON) or sunrise (OFF), changing with seasons.

- a. Follow steps in 4c, 4d, and 4e above except use **DAY** button to select **SNST** and the required days for ON events at sunset and to select **SNUP** and the required days for OFF events at sunrise.
- b. When all events scheduled are set, continue to step 7 or 8 below.

6. SET SUNSET ON/EVENING OFF EVENTS

- a. Follow section 5 to set event "1 ON" to **SNST** for desired days.
- b. Follow section 4 to set event "1 OFF" to a specific late evening time, such as 11:00 PM, making sure to select the same days as used for 6a.
- c. Make sure the specific time in 6b is at least 15 minutes later than the latest summer sunset in your region.
- d. When all events scheduled are set, continue to step 7 or 8 below.

7. REVIEW/EDIT SETTINGS:

- a. Use **MODE** button to select **CAL** or **PGM** modes.
- b. Repeatedly press **NEXT ON/OFF** button to scroll through all settings of each mode.
- c. Use **DAY**, **HOURLY**, and **M+** buttons to edit settings following same steps used to set them. Use **DAY** button to scroll to "--:--" to skip or cancel a scheduled event
- d. Once you are satisfied with your settings, use the **MODE** button to select an operating mode per section 8 below.

8. SELECT OPERATING MODE:

AUTO/AUTO RANDOM/ MANUAL

- a. Press **MODE** button to select **AUTO**, **AUTO RAND** or **MAN**ual operating mode. **AUTO** mode follows the scheduled settings exactly. **AUTO RAND** mode varies the event times slightly each day for a lived-in look. This applies to fixed and Astro schedules.

MAN mode maintains but ignores the scheduled settings.

In all operating modes, the load may be turned on or off by pressing the **NEXT ON/OFF** button, by pressing the closed access door, or by operating the remote switch in 3-way installations. In the **AUTO** modes, the timer will respond to the next contrary scheduled ON or OFF event.

- b. Close the hinged access door. Your timer is now ready for use. Press the access door to turn your load on or off if needed.

- LIMITED ONE YEAR WARRANTY -

For additional programming and detailed warranty information see full instructions included in box or at: www.intermatic.com

