

## Model 3000 R157A / R157A DUAL Program Timer Jr. Instruction Sheet



### Description

Monroe Electronics' Model 3000 R157A Program Timer Jr. provides 2x1 (AB) balanced stereo audio follow video switching by timed commands. Six 'ON' and six 'OFF' instructions may be stored in the timer's memory. NO & NC contact activities are also provided with each timed switch.

The test button, under the 'h+' and 'm+' buttons, is used to manually change the status of the 2x1 switch.

### Specifications

#### Video

>70 dB @ 100 MHz.

#### Stereo Audio

DPDT w/screw terminals

#### Clock Accuracy

±1 sec per day @ 20°C

#### Battery Backup

1.5 VDC AA

#### Power Requirement

100 – 240 VAC ±2%, 50/60 Hz.

#### Physical

3.50"H x 19"W x 2.25"

### Installation

1. Remove the two screws which are holding the back cover of the 3000 R157A. Install a AA battery in the holder on the under side of the PC board. Re-install the cover screws.
2. Connect your main stereo audio/video source to the primary inputs.
3. Connect your alternate stereo audio/video source to the secondary inputs.
4. Connect the 3000 R157A's stereo audio/video outputs to your equipment's inputs.
5. Connect the **WH** wire of the power pack to the +12 vdc on the 3000 R157A, and the **BK** wire to **GND**.
6. Apply AC power, the display will show 'OFF' and '00:00'.

## Setting the Clock

When power has been applied to the 3000 R157A, the display will come on showing 'OFF' and '00:00'.

To set the day of the week, hold down the clock symbol '⌚' button, and push the 'Day' button until the proper day of the week is set.

Then, while still holding down the clock symbol button, push the 'h+' button until the proper hour is set, and then push the 'm+' button until the proper minute shows. Two models of timers may be used. If the colon between the hour and minutes stops blinking when the timer button is pushed, the timer starts when this button is released. If the colon continues to blink, then the timer starts at 0 seconds when the 'm+' switch is pushed.

## Programming

There are 6 'ON' and 6 'OFF' programmable instructions for the 2x1 switch. Each press of the 'Timer' button steps through them, from 1 'ON' to 6 'OFF'.

To make one of the program instructions active, enter the hour and minutes desired with the 'h+' and 'm+' buttons.

Then press the 'Day' button. This selects which of the individual days or day groups you wish: Monday through Friday, Saturday/Sunday, or Monday through Saturday. If you wish the programmed instruction to be done every day, do not enter a day selection.

When all instructions have been entered, press the clock symbol which will again display the time and day of week.

## Deleting Programs

An instruction is erased by incrementing the 'h+', 'm+', and 'Day' buttons to restore the horizontal (null) lines.

### Note:

Momentarily pressing the 'Reset' detent will eliminate all program data from the unit as well as eliminating the time setting. The 'Reset' detent has the same effect as removing all power (including the battery) from the unit.

## Operation

The 3000 R157A's primary inputs are normally connected to the common outputs. It remains in this state until an 'ON' instruction is received from the timer. This will connect the secondary inputs to the common until an 'OFF' instruction from the timer is received.

## Maintenance

The internal battery provides a minimum of eight hours of memory back up. Replace the battery at least once a year, or more often depending on usage.

### Note:

If an 'ON' and 'OFF' instruction both occur at exactly the same time and day, the 'OFF' instruction will be executed and the 'ON' instruction will be ignored.



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