



60703 | IRT Tester/Programmer Operation

The 60703 is used to program IRTs with their ID value and to verify that programmed units are transmitting the correct value. Values are displayed on the LCD readout, and navigation is accomplished via the five buttons and thumb wheel. A 3-pin programming output is available for attaching the programming cable. The 60703 is powered by one 3V Lithium battery (CR123A)



Turning the IRT Tester ON/OFF:

The 60703 is powered on or off via the thumbwheel on the side of the unit. NOTE: It is necessary to pause between powering the 60703 OFF and ON to allow the LCD crystal to initialize properly.

Adjusting Contrast

The LCD contrast can be adjusted once the IRT Tester is on, by continuing to turn the thumbwheel until the desired contrast level is achieved.

Operational Modes

The MODE button (#1) controls the principal functions of the 60703. The IRT Tester operates in two modes: Test and Program. Upon receipt, the 60703 will power up in Test mode. Thereafter, the unit will power up in the last mode used when turned off.

Changing between modes is accomplished by pressing the MODE button until the desired mode is displayed in the LCD screen.

Test Mode

When pointed at an Infrared Transmitter, Test Mode will read the IRT's programmed ID and display the value on the LCD screen. When in Test mode, the LCD screen will display TESTING and show the ID number of the IRT being tested on the second line of the display. If no IRT is read, the ID value will be NO IR.

Program Mode

Use Program mode to program IRTs with the appropriate ID value (i.e. 1 - 65535). When in Program mode, the LCD screen will display PROGRAM and show the ID value of the IRT to be programmed on the second line of the display.

Programming an IRT

Once the unit is in Program mode, attach the three pin cable (included) to the programming output (# 6).

Enter the desired ID value by using the left (3) or Right (4) key to move to the desired field. Use the Up (5) or Down (2) keys to increase or decrease the values in the chosen field. Continuously pressing either the Up or Down keys will enable the scroll functionality in that field. (NOTE: IRTs can also be programmed via the Auto ID option shown below).

Attach the other end of the programming cable to the programming header on the IRT (Note: IRT must be powered up). The 60703 will beep and display that the Programming was successful once complete.

Programming with Auto ID

You can enable Auto ID Mode when the Mode button is pressed again in Program Mode. Upon pressing the Mode button, the LCD display will display AUTO ID? and prompt you to choose Yes or No on the second line of the display. To enable or disable Auto ID, simply choose Yes or No by pressing the Left (3) or Right (4) buttons, respectively. Auto ID mode will automatically advance the IRT ID number to be programmed by one after successfully programming an IRT.



The information presented in this document are instructional illustrations of how to operate or maintain PALS9K System components. Image sizing is not to scale and are for informational purposes only. To learn more visit us online, send us an email, or give us a call.



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