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Once programming mode has been entered, the number "01" will appear in the far left position (see diagram). **This prompt allows you to set the year.** Use the "Set Minute" button to scroll from "00-99" on the display and set the year.

Press the "Set Hour" button to advance to option 2. A "02" will appear on the left side of the LED display. **This prompt allows you to set the month.** Use the "Set Minute" button to scroll between "01-12".

Press the "Set Hour" button to advance to option 3. A "03" will appear on the left side of the LED display. **This prompt allows you to set the day.** Use the "Set Minute" button to scroll between "01-31".

 Pressing the "Set Hour" button will advance to option 04. A "04" will appear on the left of the LED display. This option shows the user if daylight savings time is enabled (Left Digit 1 Enabled, 0 Disabled) and if the date is in the summer months (Right Digit 1 Summer, 0 Winter).













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Press the "Set Hour" button to enter option 41. A "41" will appear on the left side of the LED display. **This option displays the current temperature of the clock itself.** The temperature will display in °C. This option is a read-only option.

Press the "Set Hour" button to enter option 44. A "44" will appear on the left side of the LED display. **This option displays whether the transceiver is receiving an Internet Connection.** A "01" will appear on the right side if the master is receiving an Internet Connection. A "00" will appear on the right side if it is not receiving an Internet Connection. This option is a read-only option.

Press the "Set Hour" button to enter option 50. A "50" will appear on the left side of the LED display. **This option enters the self testing feature.** Press the "Set Minute" button to scroll between 00-99. To enter the Self Test mode, press the "Set Minute" button till a "15" is displayed to the right. Any other character will go directly to option 60. After it is set to "15", press the "Set Hour" button to enter the Self Test mode.

Press the "Set Hour" button to enter option 51. A "51" will appear on the left side of the LED display. **This option tests the Real Time Clock.** When the "Set Minute" button is pressed, the display will count up from 57 to 00. If the Real Time Clock is working properly, the transceiver will advance to option 52. If it does not, it will stay at option 51.



Press the "Set Hour" button to enter option 52. A "52" will appear on the left side of the LED display. **This option tests the output relay.** When the "Set Minute" button is pressed, the relay will close. When the "Set Hour" button is pushed, the relay will open and advance to the next option.

Press the "Set Hour" button to enter option 53. A "53" will appear on the left side of the LED display. **This option tests the segments of the LED display.** When the "Set Minute" button is pressed, the segments will test one segment at a time. To advance to the next option, press the "Set Hour" button.

Press the "Set Hour" button to enter option 54. A "54" will appear on the left side of the LED display. **This option tests the transceiver to see if it recognizes an input.** If there is no input, the digits to the right will read "00". If there is an input, the digits to the right will read "01".

Press the "Set Hour" button to enter option 55. A "55" will appear on the left side of the LED display. On the right side of the display, the left digit will be alternating every 200ms between "0" and "1". The right digit will stay at "0". **This option tests the RS485 and RS232 input and output.** To test the RS485, short the input and the output. When this occurs, the right digit will synchronize with the left digit. To test, the RS232, short the input and the output. When this occurs, the right digit will synchronize with the left digit.

Left Digit Right Digit



