



Programming Instructions

Numeric Displays 8-16 Digits

The various configuration options for the display are broken out into three separate configuration menus.

For typical use cases most settings can be left set to their default values. Use the **UP/DOWN** buttons to adjust the currently selected setting. When the desired setting is shown push **RESET** to move to the next setting.

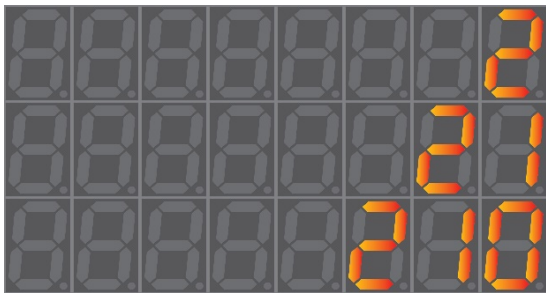
A note regarding 'manual programming' using the pushbuttons on the back of the display

The preferred method for setting the displays is via use of the included IR remote control, although all settings can be manipulated using the **UP/DOWN/RESET** buttons on the back of the display. Any reference to the **PROGRAM** button is equivalent to holding the **RESET** button down for one second before releasing the button.

Navigation between menus is achieved by pressing the **PROGRAM** button to advance from one menu to the next. The **PROGRAM** button can be used at any time to exit a menu and move to the next menu. The **RESET** button is used to progress from one menu option to another.

Programing signs with Multiple Displays: Each display comes preprogrammed with a unique address that allows it to be controlled individually with a single remote control. To navigate between displays on your sign use the **NEXT** and **PREV** buttons on your remote. The currently selected display will flash.

SET CURRENT COUNT



Set Current Count

The current count is displayed when your sign is first powered on.

Point the IR Remote control at your sign and press the **NEXT** button. The display will flash. If your sign includes multiple displays continue to press the **NEXT** button until the desired display flashes.

Enter the desired count using the numbers on the remote. For example, entering 210. When the desired number is shown press **ENTER** to lock it in.

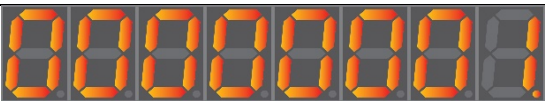
The display will flash to signify it has been set.

MENUS

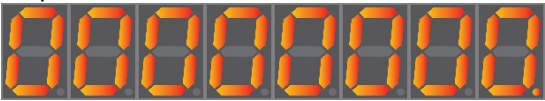
Normal Operation	<p>When the display is powered on it begins operating in normal operating mode. The display will begin counting according to the current configuration.</p> <p>To return to normal operation from any menu use the program button to cycle through the menus until the count is displayed.</p>
Digit Set Menu	<p>The digit set menu allows the current count displayed on the sign to be set.</p>

	<p>If using an IR remote control this menu can be ignored as a much easier method for entering the current count is available.</p> <p>Refer to the digit set menu instructions below for further details. To enter the digit set menu:</p>
Settings Menu	The settings menu allows you to configure the way the display counts. How often, what direction, and by how much.
Time Menu	The time menu allows you to enter the current time. If you sign contains multiple displays, this setting only needs to be entered into once display. After setting the time on one, they will all be updated with the current time.

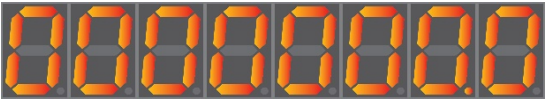
Digit Set Menu



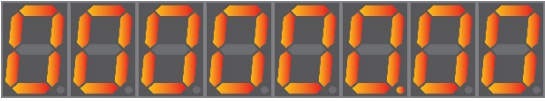
Step 1



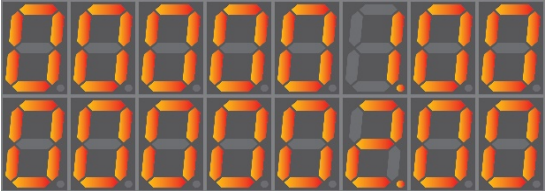
Step 2



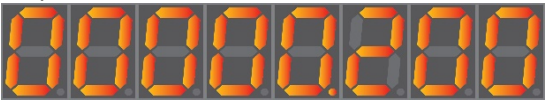
Step 3




Step 4



Step 5



Step 6



DIGIT SET MENU ONLY AVAILABLE WHEN DISPLAY MODE IS SET TO COUNT (coun)

Set Initial Count

Use of the digit set menu is required only when using the pushbuttons on display board. To enter the current count with the IR Remote, **from the normal operation screen**, simply enter the number with the number keypad on the remote and press enter when finished to lock it in.



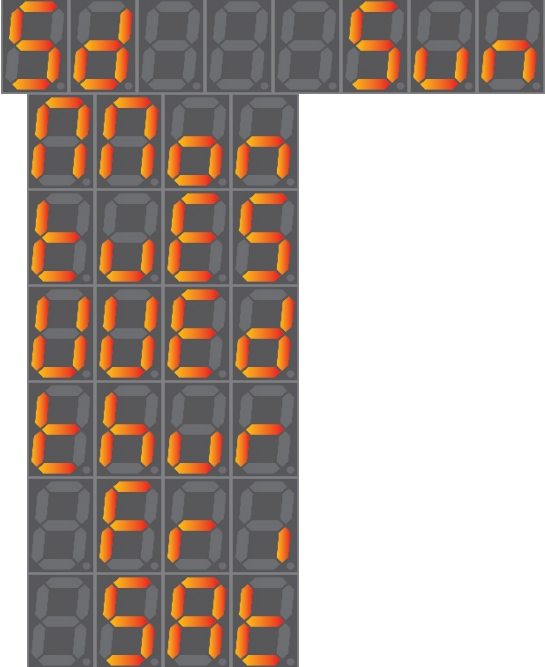


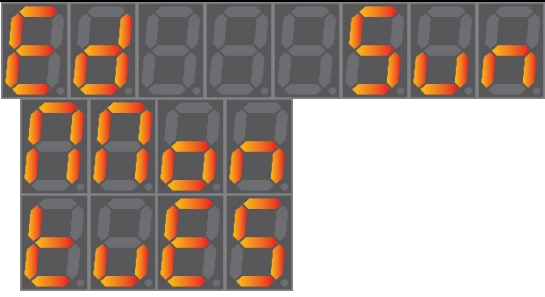
Example: Change Count from 1 to 200.

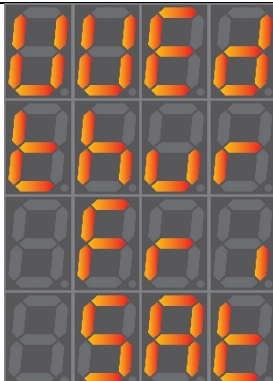


Upon entering the digit set menu all previously blanked digits will be replaced with 0, and the right most digit will have the decimal point illuminated to signify that it is the current digit selected.

1. Use the **UP/DOWN** buttons to adjust the digit to the desired value. In this example we need the digit to be a **0** so we press **DOWN** once.
2. Press **RESET** to advance to the next digit. The decimal point moves.
3. We don't need to change this digit so press **RESET** again.
4. Now we need to press **UP** twice to set this digit to 2.
5. Press **RESET** to move to the next digit, and since we don't need to change it we are done. We can leave it as 0 and it will be blanked out automatically in normal operation
6. Press **PROGRAM** again to return to normal operation.





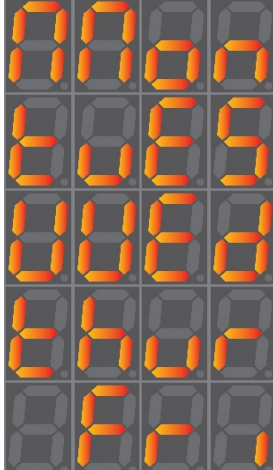
Settings Menu





	Address Each display must have a unique address.
	Count Increment The number to count up or down by each time a count action occurs. Valid Values 0-65535 Default: 1 Remote Control: Type desired number on the remote keypad. When finished press enter to lock it in. Reset to continue to the next option.
	Decimal point location. Set the decimal point on at a given location. Useful for static displays of price or percentages
	Count Direction Specify the direction to count. Default: UP UP – Count up each time a count action occurs dn – Count down each time a count action occurs OFF – Do not count (static display)
	Count Frequency (Default: dAY) Specify the frequency to count. The display will add or subtract the count increment at each dAY – Count once each day at midnight Hour – Count each hour Min – Count each minute SEC – Count each second Mon – Count once per month WEE – Count once per week
	Display Mode Coun – Count CALENdAr – Calendar (MM-DD-YY format) CLOC – Clock (HH MM SS format)

	<p>CCALt – Clock/Calendar Alternate every 30 seconds</p> <p>dhnnS – COUNT HH MM SS format</p> <p>*only available on displays longer than 8 digits</p>
	<p>Brightness Setting</p> <p>Adjust the brightness of the display</p>
	<p>Start Day (Default: Sun)</p> <p>Set the day to start counting.</p> <p>Sun = Sunday Mon = Monday tuES = Tuesday WEd = Wednesday thur = Thursday Fri = Friday SAt = Saturday</p>
	<p>Start Hour (Default: 0)</p> <p>The hour to start counting</p> <p>Range 00:MM (midnight) – 23:MM (11:00pm)</p>
	<p>Start Minute (Default 0)</p> <p>The minute to start counting</p> <p>Range 0 (HH:00) – 59 (HH:59)</p>
	<p>End Day (Default: SAT)</p> <p>Set the day to stop counting.</p> <p>Sun = Sunday Mon = Monday tuES = Tuesday WEd = Wednesday thur = Thursday Fri = Friday</p>

	SAt = Saturday
	End Hour (Default: 23) The hour to stop counting Range 0 (midnight) – 23 (11:00pm)
	End Minute (Default: 59) The minute to stop counting Range 0 (HH:00) – 59 (HH:59)

Time Menu

	Date: Month Enter the current month. 1 January, 2 February, ...12 December
	Date: Day Enter the current day of the month. Range: 0-31
	Date: Year Enter the current year. Range 2000 - 2099
 	Current Day Enter the current day Sun = Sunday Mon = Monday tuES = Tuesday WEd = Wednesday thur = Thursday Fri = Friday SAt = Saturday

	
	Time: Hour (HH:MM:SS) Enter the current hour. 0 - Midnight to 23 - 11:00PM
	Time: Minutes (HH:MM:SS) Enter the current minutes past the hour
	Time: Seconds (HH:MM:SS) Enter the current seconds past the minute