NORMAL OPERATION
START HERE

PROGRAM ← → **PROGRAM**

DIGIT SET MENU

TIME MENU

Set Current Count (manual control only)

Menu is required only when using the pushbuttons located on the circuit board. If using remote, use number pad to enter count.

Example: Change Count from 1 to 200.
Digit Set menu - all previously blanked digits are replaced with 0, and the right most digit has the decimal point lit to signify that it's the current digit selected.

STEP 1
01 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.

STEP 2
02 Press **RESET** to advance to the next digit. The decimal point moves.

STEP 3
03 We don't need to change this digit so press **RESET** again.

STEP 4
04 Now we need to press **UP** twice to set this digit to **2**.

STEP 5
05 Press **RESET** to move to the next digit.

STEP 6
06 Press **RESET** again to return to normal operation.

When powered on, each display enters into normal operating mode. In most cases the current count will be displayed and updated according to the options set in the Settings Menu.

Set Current Count
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 number pad 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.

Circuit Board Manual Controls

● UP	
● RESET (PROGRAM)	
● DOWN	

RESET - Press and release button.
PROGRAM - Press and hold down RESET for **2** seconds then release.

Date: Month
Enter the current month.
1 January, 2 February, …12 December

Date: Day
Enter the current day of the month.
Range: 1-31

Date: Year
Enter the current year.
Range 2000 - 2099

Current Day
Enter the current day.

Signs with multiple displays:
When you update the time on one display, all displays are updated automatically.

Time: Hour
Enter the current hour.
(0 – Midnight) to (23 – 11:00PM)

Time: Minute
Enter the current minutes past the hour.

Time: Seconds
Enter the current seconds past the minute.

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.
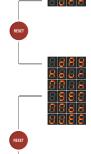Values ...**1***-99

Remote Control:
Type desired number on the remote keypad. When finished press **Enter** to lock it in.

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.
UP* Count up - based on Frequency
dn Count down - based on Frequency
OFF Do not count (static display)

Count Frequency
Specify the frequency to count. The display will add or subtract the count increment at each:
dAY* - Count once at midnight
Hour - Count each hour
Min - Count each minute
SEC - Count each second
Mon - Count once per month
WEE - Count once per week

Brightness Setting
Adjust the brightness of the display

Start Day
Set the day to start counting.
Sun* = Sunday
Mon = Monday
tuES = Tuesday
Wed = Wednesday
thur = Thursday
Fri = Friday
Sat = Saturday

Start Hour
The hour to start counting
Range **0*** (midnight) – 23 (11:00pm)

Start Minute
The minute to start counting
Range **0*** - 59

Do not make changes to these default setting unless you understand how they will affect the sign's operation.

End Day
Set the day to stop counting.
Sun = Sunday
Mon = Monday
tuES = Tuesday
Wed = Wednesday
thur = Thursday
Fri = Friday
Sat* = Saturday

End Hour
The hour to stop counting
Range 0 (midnight) – **23*** (11:00pm)

End Minute
The minute to stop counting
Range 0 - **59***

* Indicates Default Setting

Navigate between menus 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.

UP / DOWN buttons are used to adjust the current setting

OK

OK / RESET buttons are used to advance from one setting to the next