

Everclear® Intercom Setting 7-Segment Displays

Everclear intercoms are shipped with car numbers preset for sequential numbers, beginning with 1.

Before changing the display, disconnect power at the 12 VDC outlet of the power supply to avoid working with hot wires. (Removing the wire from the battery won't work because the battery charger will supply 12 VDC to the system)

To change the display at each master station, lift and separate the top master amplifier board from the display board.

All numbers and many characters can be displayed with a 7-segment display. The display segments are labeled a thru g. There are no diagonal segments on a 7-segment display so some capital letters cannot be displayed. A lower case letter may be acceptable. The human brain tends to fill in (read) sequential letters even when they shift from upper to lower case.

A template on the circuit board shows the switches to turn on to illuminate each segment of the display. The segments (a thru g) are labeled on the board beside each switch. Turn it on by moving it firmly to the right. (or left to turn off)

1-Digit Displays

Switchpacks labeled SW1 thru SW8 are used for setting a 1-digit number (the least significant number of a 2-digit display). Each switchpack has 7 switches – 1 for each segment of the display, labeled a thru g. Only switches a thru g are used for 1-digit numbers. Leave the others off.

Most significant number – Example: the most significant number in 14 is the number 1. The least significant number is 4.

2-digit Displays

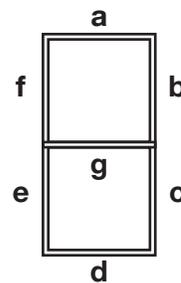
Switchpacks SW1 thru SW8 will have 9 switches (instead of 7) when 2-digit displays are required.

For 2-digit displays, set up the least significant number or letter per above.

Set up the most significant numbers on switch-packs T1 (for the first most significant number) and T2 (for the second most significant number) on the lower right part of the board. There is a limit of 2 most significant numbers (or letters).

Then go back to Switchpacks SW1 thru SW8 to **enable** the most significant numbers. Example: For each car that will have a most significant number of 1 (for example 12), turn on Switch 1 (bottom of switchpack) For each car that will have a most significant number of 2, turn on Switch 2.

7-Segment Display



SETTING GUIDE

For	Switch on Segments
1	e, f (or b, c) (same as l)
2	a, b, d, e, g
3	a, b, c, d, g
4	b, c, f, g
5	a, c, d, f, g
6	a, c, d, e, f, g
7	a, b, c
8	a, b, c, d, e, f, g
9	a b, c, f, g
0	a, b, c, d, e, f (same as O)
A	a, b, c, e, f, g
B	a, b, c, d, e, f, g (same as 8)
or b	c, d, e, f, g
C	a, d, e, f
D	a, b, c, d, e, f (same as O)
or d	b, c, d, e, g
E	a, d, e, f, g
F	a, e, f, g
g	a, b, c, d, f, g
H	b, c, e, f, g
I	e, f (or b, c)
J	b, c, d, e
L	d, e, f
O	a, b, c, d, e, f (same as 0)
or o	c, d, e, g
P	a, b, e, f, g
R	a, b, c, e, f, g (same as A)
r	e, g
S	a, c, d, f, g
U	b, c, d, e, f
or u	c, d, e
y	b, c, d, f, g