

# Vehicle Mount Message Sign

"GET THE MESSAGE ACROSS"

>YZfUSef LCMD1842158 MODEL SHOWN



## FEATURES

- NTCIP Controller
- Quick message selection switch
- Super-bright LED technology, 100,000 hour rating
- Displays alphanumeric text and predefined arrow patterns
- Independent module operation
- Photocell for auto dimming capability
- RF immunity
- Extruded aluminum frame
- Single Aluminum Backskin
- Aluminum face stamped - protects LED modules
- Front door access to internal parts
- Powder coat paint
- Choice of sizes and mounting options
- Water / moisture resistant



## Control Console

- Preprogrammed messages and arrow functions
- Quick message selection switch: changes messages quickly



## Hand-held Programming Terminal

- LCD Screen
- Onboard computer
- Continuous message preview

# Vehicle Mount Message Sign - General Specifications

Model Selection Guide	Model	Cabinet Size	Character Size	Characters Per Line	Standard Font	
	<b>TWO LINE MODELS</b>					
	LCVCMD1842158	35" x 73"	10"	6 - 8	7 x 7 pixels 4 x 7 pixels 4 x 6 pixels 5 x 7 pixels	
	LCVCMD1848158	35" x 82"	10"	8 - 10		
	LCVCMD1842190	40" x 85"	12"	6 - 8		
	LCVCMD1848190	40" x 97"	12"	8 - 10		
	<b>THREE LINE MODELS</b>					
	LCVCMD2742158	49" x 73"	10"	6 - 8	7 x 7 pixels 4 x 7 pixels 4 x 6 pixels 5 x 7 pixels	
	LCVCMD2748158	49" x 82"	10"	8 - 10		
	LCVCMD2742190	57" x 85"	12"	6 - 8		
LCVCMD2748190	57" x 97"	12"	8 - 10			

## Enclosure

**Construction:** Extruded aluminum 6063 alloy with T5 Temper  
**Back skin:** single 080 aluminum skin  
**Paint:** Powder Coated Paint Black face , white balance  
**Salt spray:** 1000 hours  
**UV resistance:** 500 hours  
**Seal:** Weather resistant  
**Venting:** Vented top and Bottom Optional dual fans  
**Front face:** Double layer protection using aluminum and Lexan

## LED Modules

**Pixel matrix:** 6x9  
**LED's Per Pixel:** 3  
**LED Type:** Agilent amber 592NM  
**Viewing Angle:** 30 degrees  
**Paint:** Flat Black  
**Coating:** Conformal coated  
**Hours:** 100,000 hour LEDs

\* If one Module fails, remainder of board is unaffected

\* Modules have diagnostics reporting: Comm, Error, Heartbeat

## Controller

**Compliant:** NTCIP Compliant  
**Memory:** 8MB Non-volatile memory  
**Operating Temp:** (-40°F to +165°F)  
**Digital I/O:** 8 inputs , 4 outputs  
**Analog inputs:** 4 Inputs - 12 bit accuracy  
**Processor Speed:** 22.1MHz  
**SRAM:** 512 kB (standard)  
**Flash:** 512 kB (standard),  
 8 MB serial (data storage)  
**Serial Ports:** 4 Total  
**Watchdog:** YES  
**Backup:** Battery

## Control Console

**Preprogrammed Messages:** 223  
**User Programmable:** 100  
**Message Timing:** Slow, Medium, Fast  
**Dimming:** Manual or auto

**Input Device:** \_\_\_\_\_  
**Backlight** \_\_\_\_\_  
**Hand-held** \_\_\_\_\_  
**Programming** \_\_\_\_\_  
**Terminal** \_\_\_\_\_  
 with LCD  
 to select and  
 Program  
 Messages



Power \_\_\_\_\_

Actuator (optional) \_\_\_\_\_

Hand-held programming terminal port \_\_\_\_\_

**Quick Selection Switch:** \_\_\_\_\_

16 message storage to quickly go between the most used messages.  
 First 8 or Arrow Functions

## OPTIONS

**Mounting Frame:** 2x2 Square tubing  
 electrically Welded and Painted

**Actuator:** Raise and lower sign from inside vehicle.