‣ MB1 LED Message Board

FEATURES

- Incorporates a co-extruded, polycarbonate housing.
- Powerful message board LEDs are available in Blue, Amber and Green.
- Includes hardware kit with mount brackets and carriage bolts.
- Board connects to a controller via CAT5 serial cable.
- LED display can be "dimmed" to adjust message contrast.
- Keypad has adjustable backlighting.

- LCD display has adjustable contrast.
- The system comes equipped with a set of 60 default messages.
- PC software allows the administrator to create custom message sets.
- Messages can be customized with a variety of features.
- MB1 memory capacity can hold over 500 messages.
- Three-year warranty.

Superior public safety messaging system

MB1 LED Message Board is a public safety messaging system that displays different advisories notifying motorists and pedestrians of emergency incidents, road conditions, and other events. MB1 LED Message Board is ideal for police, fire and work truck applications.
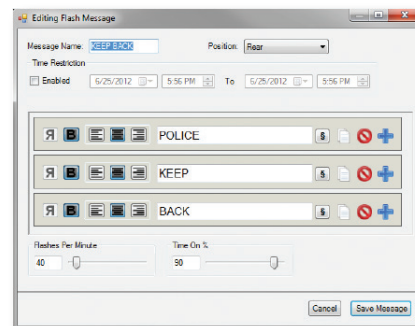
The MB1 system includes a LED message display and internally mounted controller. The MB1 has the capability to hold up to 500 messages. The controller enables the vehicle operator to activate the LED message display board with tactical push-button control.

Pre-programmed or custom messages

MB1 models have pre-programmed messages or custom messages can be created using a PC based software. A name of up to 20 characters can be assigned to each programmed message. The message displayed across the message board will also display across the control head. Using the message based software, programmed messages can also be copied to other vehicle message boards.

Control head enables the operator to activate the LED message board with tactical push-button control.

Customize messages are created and named using a PC based software.

Available Characters
128 characters are available for message creation
(66 "keyboard" characters and 62 "special" characters listed below)
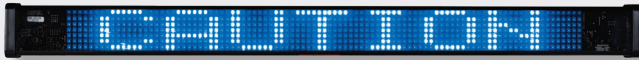
Available "keyboard" characters:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
0 1 2 3 4 5 6 7 8 9
` ~ ! @ # $ % ^ & * ( ) - _ + = [ ] { } | \ ' " / ? , < . >

Note: Letters are only available as "capitalized, upper case"

Available "special" characters:

€ ƒ † ‡ Š < Œ > Ÿ ¡ ₵ £ ¥ ¦ § « ¯ º ± µ ¶ » ¼ ½ ¿ À Á Â Ã
Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ð Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ
÷ Σ Ω Ψ π ™

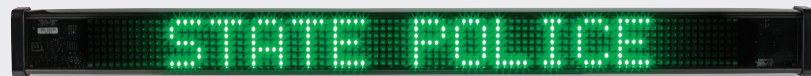### Examples of different font choices

Bold Font

Standard Font

Examples of messages and color choices

MB1 mounted on a Ford Interceptor Utility

MB1 mounted on a HRX Series Headache Rack installed on a Chevrolet Silverado

FEDERAL SIGNAL

	Name	Type	Message
1	POLICE EMERGENCY	Scroll	POLICE EMERGENCY KEEP BACK
2	SLOW DOWN	Flash	POLICE\SLOW\DOWN
3	KEEP BACK	Flash	POLICE\KEEP\DOWN
4	RESTRICTED ZONE	Scroll	RESTRICTED ZONE AHEAD DO NOT PROCEED
5	LEFT ARROW	Advanced	<< << << <<
6	RIGHT ARROW	Advanced	>> >> >> >>
7	SPLIT ARROW	Advanced	<< << >> >>
8	ACCIDENT SLOW	Flash	ACCIDENT\AHEAD\SLOW\DOWN
9	MERGE RIGHT	Advanced	MERGE\RIGHT\8 spaces\ >> >> >> >> >>
10	MERGE LEFT	Advanced	MERGE\LEFT\ << << << << <<
11	SPLIT TRAFFIC	Advanced	SPLIT\TRAFFIC\ << << >> >>
12	STAY IN LANE	Flash	STAY\IN\LANE
13	LEFT LANE CLOSED	Flash	LEFT\LANE\CLOSED
14	RHT LANE CLOSED	Flash	RIGHT\LANE\CLOSED
15	ROAD CLOSED	Flash	ROAD\CLOSED
16	STREET CLOSED	Flash	STREET\CLOSED
17	SLOW TRAFFIC AHEAD	Flash	SLOW\TRAFFIC\AHEAD
18	REDUCE SPEED	Flash	CAUTION\REDUCE\SPEED
19	WET ROAD	Flash	CAUTION\WET\ROAD
20	CAU ROAD ICING	Scroll	CAUTION\ROAD\ICING
21	POOR VISIBILITY	Flash	CAUTION POOR VISIBILITY
22	SCHOOL CROSS	Flash	CAUTION\SCHOOL\CROSS
23	DETOUR AHEAD	Flash	DETOUR\AHEAD
24	EVENT AHEAD	Flash	EVENT\PARKING\AHEAD
25	EVENT EXIT	Flash	EVENT\PARKING\EVIT\HERE
26	EVENT NEXT	Flash	EVENT\PARKING\NEXT\EXIT
27	KEEP LEFT	Advanced	KEEP\LEFT
28	KEEP RIGHT	Advanced	KEEP\RIGHT
29	STREET CLOSED ALT	Scroll	STREET CLOSED USE ALTERNATE ROUTE
30	LANE CLOSED MRG RHT	Flash	LANE\CLOSED\MERGE\RIGHT
31	LANE CLOSED MRG LEFT	Flash	LANE\CLOSED\MERGE\LEFT

	Name	Type	Message
32	SLOW CONST AHEAD	Scroll	SLOW CONSTRUCTION AHEAD
33	SLOW CONST ZONE	Scroll	SLOW DOWN CONSTRUCTION ZONE
34	PARADE ROUTE	Flash	PARADE\ROUTE\NO\PARKING
35	DO NOT TAILGATE	Scroll	EMERGENCY VEHICLE DO NOT TAILGATE
36	ROAD FLOODING	Flash	CAUTION\ROAD\FLOODING
37	ENTRANCE CLOSED	Flash	ENTRANCE\CLOSED
38	TRAFFIC EXIT	Flash	DETOUR\ALL\TRAFFIC\MUST\EXIT
39	EXIT CLOSED	Flash	EXIT\CLOSED
40	RAMP CLOSED	Flash	RAMP\CLOSED
41	DWI CHECK POINT	Scroll	POLICE DWI CHECKPOINT AHEAD PREPARE TO STOP
42	POLICE CHECK POINT	Scroll	POLICE CHECKPOINT PREPARE TO STOP
43	AMBER ALERT	Flash	AMBER\ALERT
44	PROCEED WITH CAUTION	Flash	PROCEED\WITH\CAUTION
45	DISABLED VEHICLE	Flash	DISABLED\VEHICLE\AHEAD
46	SHERIFF	Steady On	SHERIFF
47	STATE POLICE	Steady On	STATE POLICE
48	STATE TROOPER	Steady On	STATE TROOPER
49	PEDESTRIAN	Scroll	PEDESTRIAN CROSSWALK AHEAD
50	SPEED LIMIT	Scroll	SPEED LIMIT ENFORCED
51	DO NOT TEXT	Scroll	DO NOT TECT & DRIVE
52	BUCKLE UP	Steady On	BUCKLE UP
53	CHILD SAFETY	Scroll	CHILD SAFETY CHECKPOINT
54	CHILD SEAT	Scroll	CHILD SEAT CHECKPOINT
55	DON'T DRINK	Scroll	DON'T DRINK AND DRIVE
56	WORK ZONE AHEAD	Scroll	WORK ZONE AHEAD
57	HEAVY TRAFFIC	Scroll	HEAVY TRAFFIC AHEAD
58	FLOODING AHEAD	Scroll	FLOODING AHEAD
59	SEVERE WEATHER	Scroll	SEVERE WEATHER APPROACHING SEEK SHELTER
60	HAVE A SAFE DAY	Steady On	HAVE A SAFE DAY

FEDERAL SIGNAL

Specify model

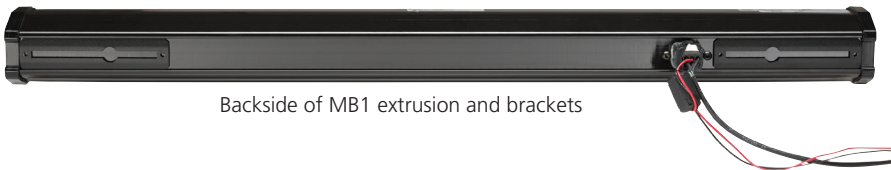|	
MB1	Public Safety messaging system with Blue LED message display and controller, 12 VDC
MB1-A	Public Safety messaging system with Amber LED message display and controller, 12 VDC
MB1-G	Public Safety messaging system with Green LED message display and controller, 12 VDC
MB1-BNRW	Public safety messaging system with Blue LED message display and controller, narrow mounting applications, 12 VDC

Mounting Kits (Sold Separately)

MBK03H	Kit for mounting MB1 to rear of Valor® lightbars with Hook Mount
MBK01	Kit for mounting MB1 in rear of interior of Ford Police Interceptor Utility, 2011-2019
MBK02	Kit for mounting MB1 to rear interior of Chevy Tahoe, 2015-2019
MBK04	Kit for mounting MB1 to rear of Integrity®, Legend®, LPX, and Navigator® lightbars (except for HotFoot™ versions of these bars)
MBK05	Kit for mounting MB1 to rear of Vision® SLR lightbar
MBK-06	Kit for mounting MB1-BNRW to the rear interior of Dodge Durango, 2011-2019

Specifications

LED Color Options	Blue, Amber or Green
LED Count	672 LEDs
Operating Temp	-30°C to +65°C
Voltage	12 VDC

	Message Board	Controller
Physical Specifications		
Length	35.2 in (89.4 cm)	6.8 in (17.3 cm)
Height	3.0 in (7.6 cm)	3.3 in (8.3 cm)
Width	3.3 in (8.4 cm) - without brackets 4.8 in (12.2 cm) - with brackets	1.6 in (4.1 cm)

Net Weight	
Message Board	7.0 lbs (3.2 kg)
Controller	0.8 lbs (0.4 kg)
Ship Weight	
Message Board and Controller	10.0 lbs (4.5 kg)

Backside of MB1-BNRW extrusion and narrow brackets

Backside of MB1 extrusion and brackets

FEDERAL SIGNAL