

# MB1 LED Message Board

## Accessories



### FEATURES

- Incorporates a co-extruded, polycarbonate housing
- Powerful message board LEDs are available in Amber, Blue 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 back lighting
- 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 an internally mounted controller. The MB1 can 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 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  
 ` ~ ! @ # \$ % ^ & \* ( ) - \_ + = [ ] { } | \ ' " / ? , < . >

### Available "special" characters:

€ f † ‡ Š < œ > Ÿ ¡ ¢ £ ¥ ¦ § « ¬ ° ± 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 ™

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

### EXAMPLES OF DIFFERENT FONT CHOICES



Bold Font



Standard Font

### EXAMPLES OF MESSAGES AND COLOR CHOICES



MB1 mounted on a Ford Interceptor Utility

**STANDARD MESSAGE SET - MB1, MB1-A, MB1-G**

NAME	TYPE	MESSAGE	NAME	TYPE	MESSAGE
1	Scroll	POLICE EMERGENCY KEEP BACK	33	Scroll	SLOW DOWN CONSTRUCTION ZONE
2	Flash	POLICE\SLOW\DOWN	34	Flash	PARADE\ROUTE\NO\ PARKING
3	Flash	POLICE\KEEP\DOWN	35	Scroll	EMERGENCY VEHICLE DO NOT TAILGATE
4	Scroll	RESTRICTED ZONE AHEAD DO NOT PROCEED	36	Flash	ROAD FLOODING
5	Advanced	<<<<<<<<	37	Flash	ENTRANCE\CLOSED
6	Advanced	>>>>>>>>	38	Flash	TRAFFIC EXIT
7	Advanced	<<<< >>>>	39	Flash	EXIT\CLOSED
8	Flash	ACCIDENT\AHEAD\SLOW\DOWN	40	Flash	RAMP\CLOSED
9	Advanced	MERGE\RIGHT\8 spaces\ >>>>>>>>	41	Scroll	POLICE DWI CHECKPOINT AHEAD PREPARE TO STOP
10	Advanced	MERGE\LEFT\ <<<<<<<<<<<	42	Scroll	POLICE CHECKPOINT PREPARE TO STOP
11	Advanced	SPLIT\TRAFFIC\ <<<< >>>>	43	Flash	AMBER\ALERT
12	Flash	STAY\IN\LANE	44	Flash	PROCEED\WITH\CAUTION
13	Flash	LEFT\LANE\CLOSED	45	Flash	DISABLED\VEHICLE\AHEAD
14	Flash	RIGHT\LANE\CLOSED	46	Steady On	SHERIFF
15	Flash	ROAD\CLOSED	47	Steady On	STATE POLICE
16	Flash	STREET\CLOSED	48	Steady On	STATE TROOPER
17	Flash	SLOW\TRAFFIC\AHEAD	49	Scroll	PEDESTRIAN CROSSWALK AHEAD
18	Flash	CAUTION\REDUCE\SPEED	50	Scroll	SPEED LIMIT ENFORCED
19	Flash	CAUTION\WET\ROAD	51	Scroll	DO NOT TEXT & DRIVE
20	Scroll	CAUTION\ROAD\ICING	52	Steady On	BUCKLE UP
21	Flash	CAUTION POOR VISIBILITY	53	Scroll	CHILD SAFETY CHECKPOINT
22	Flash	CAUTION\SCHOOL\CROSS	54	Scroll	CHILD SEAT CHECKPOINT
23	Flash	DETOUR\AHEAD	55	Scroll	DON'T DRINK AND DRIVE
24	Flash	EVENT\PARKING\AHEAD	56	Scroll	WORK ZONE AHEAD
25	Flash	EVENT\PARKING\EXIT\HERE	57	Scroll	HEAVY TRAFFIC AHEAD
26	Flash	EVENT\PARKING\NEXT\EXIT	58	Scroll	FLOODING AHEAD
27	Advanced	KEEP\LEFT	59	Scroll	SEVERE WEATHER APPROACHING SEEK SHELTER
28	Advanced	KEEP\RIGHT	60	Steady On	HAVE A SAFE DAY
29	Scroll	STREET CLOSED USE ALTERNATE ROUTE			
30	Flash	LANE\CLOSED\MERGE\RIGHT			
31	Flash	LANE\CLOSED\MERGE\LEFT			
32	Scroll	SLOW CONSTRUCTION AHEAD			

## HOW TO ORDER

LED Color      Lens Color  
A B G      C

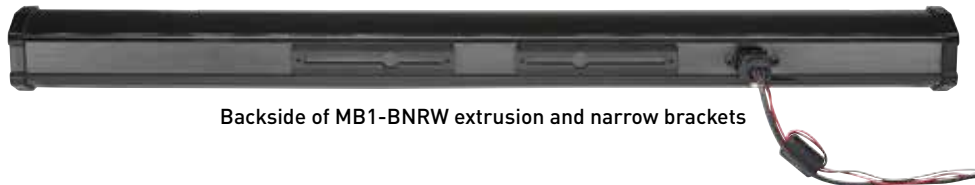
- MB1**      Public Safety messaging system with Blue LED message display and controller, 12 Vdc
- MB1-A**      Public Safety messaging system with Amber LED message display and controller, 12 Vdc
- MB1-G**      Public Safety messaging system with Green LED message display and controller, 12 Vdc
- MB1-BNRW**      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, 2013-2024
- MBK04**      Kit for mounting MB1 to rear of Integrity®, Legend®, LPX, and Navigator® lightbars
- MBK05**      Kit for mounting MB1 to rear of Vision® SLR lightbar
- MBK06**      Kit for mounting MB1-BNRW to the rear interior of Dodge Durango, 2011-2023

## SPECIFICATIONS

	MESSAGE BOARD	CONTROLLER
<b>OPERATING VOLTAGE</b>		12 Vdc
<b>CURRENT DRAW</b>		8 A
<b>OPERATING TEMP</b>	-22° to +149° F (-30° to +65°C)	
PHYSICAL SPECIFICATIONS		
<b>LENGTH</b>	35.2 in (89.4 cm)	6.8 in (17.3 cm)
<b>WIDTH</b>	3.3 in (8.4 cm) - without brackets	1.6 in (4.1 cm)
<b>HEIGHT</b>	4.8 in (12.2 cm) - with brackets 3.0 in (7.6 cm) - without brackets	3.3 in (8.3 cm)
SHIP WEIGHT		
<b>NET WEIGHT</b>	7.0 lb (3.2 kg)	0.8 lb (0.4 kg)
<b>SHIP WEIGHT BOARD &amp; CONTROLLER</b>	10.0 lb (4.5 kg)	



Backside of MB1-BNRW extrusion and narrow brackets



Backside of MB1 extrusion and brackets



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