

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



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

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

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

HOW TO ORDER

LED Color Lens Color
A B G C

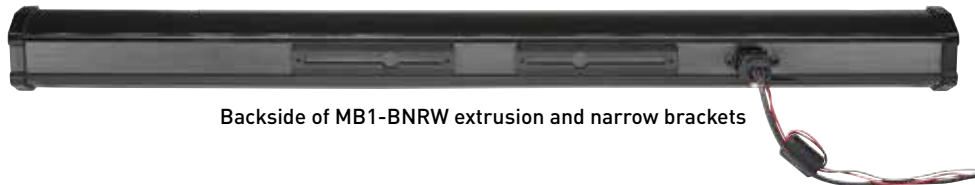
- MB1** Public Safety messaging system with Blue LED message display and controller, 12 Vdc
- MB1-A** Public Safety messaging system with Amber LED message display and controller, 12 Vdc
- MB1-G** Public Safety messaging system with Green LED message display and controller, 12 Vdc
- MB1-BNRW** Public 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, 2013-2023
- MBK02** Kit for mounting MB1 to rear interior of Chevrolet Tahoe, 2015-2020
- 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
OPERATING VOLTAGE		12 Vdc
CURRENT DRAW		8 A
OPERATING TEMP	-22° to +149° F (-30° to +65°C)	
PHYSICAL SPECIFICATIONS		
LENGTH	35.2 in (89.4 cm)	6.8 in (17.3 cm)
WIDTH	3.3 in (8.4 cm) - without brackets	1.6 in (4.1 cm)
HEIGHT	4.8 in (12.2 cm) - with brackets 3.0 in (7.6 cm) - without brackets	3.3 in (8.3 cm)
SHIP WEIGHT		
NET WEIGHT	7.0 lb (3.2 kg)	0.8 lb (0.4 kg)
SHIP WEIGHT BOARD & CONTROLLER	10.0 lb (4.5 kg)	



Backside of MB1-BNRW extrusion and narrow brackets



Backside of MB1 extrusion and brackets



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