

MATRIX MESSAGE BOARD

MMB-RGB 96X16



KEY FEATURES

- Full-Matrix RGB LED Display
- 96 x 16 Pixels for Clear Message Presentation
- Text, Arrows, Signs, Warnings Patterns
- Long Message presentation - Scroll or Push Transitions
- Unique In-Dash Mounting
- CAN Bus Interface

The **Matrix Message Board MMB-RGB 96x16** is mainly designed to be mounted on special vehicles to warn or direct traffic, provide information and to secure danger spots on streets or in public areas. The patterns, such as text, arrows and signs are pre-programed according to the customers needs as well as the colour of the pattern itself. Default colour is amber.

The in-dash mounting of the MMB is unique on the market. The board is practically installed flat with the vehicles side to give it a modern look.

The MMB is a part of Emitter Electronics MMX family products and can be controlled by MMX LCD units, keypads or used together with customers CAN bus system.

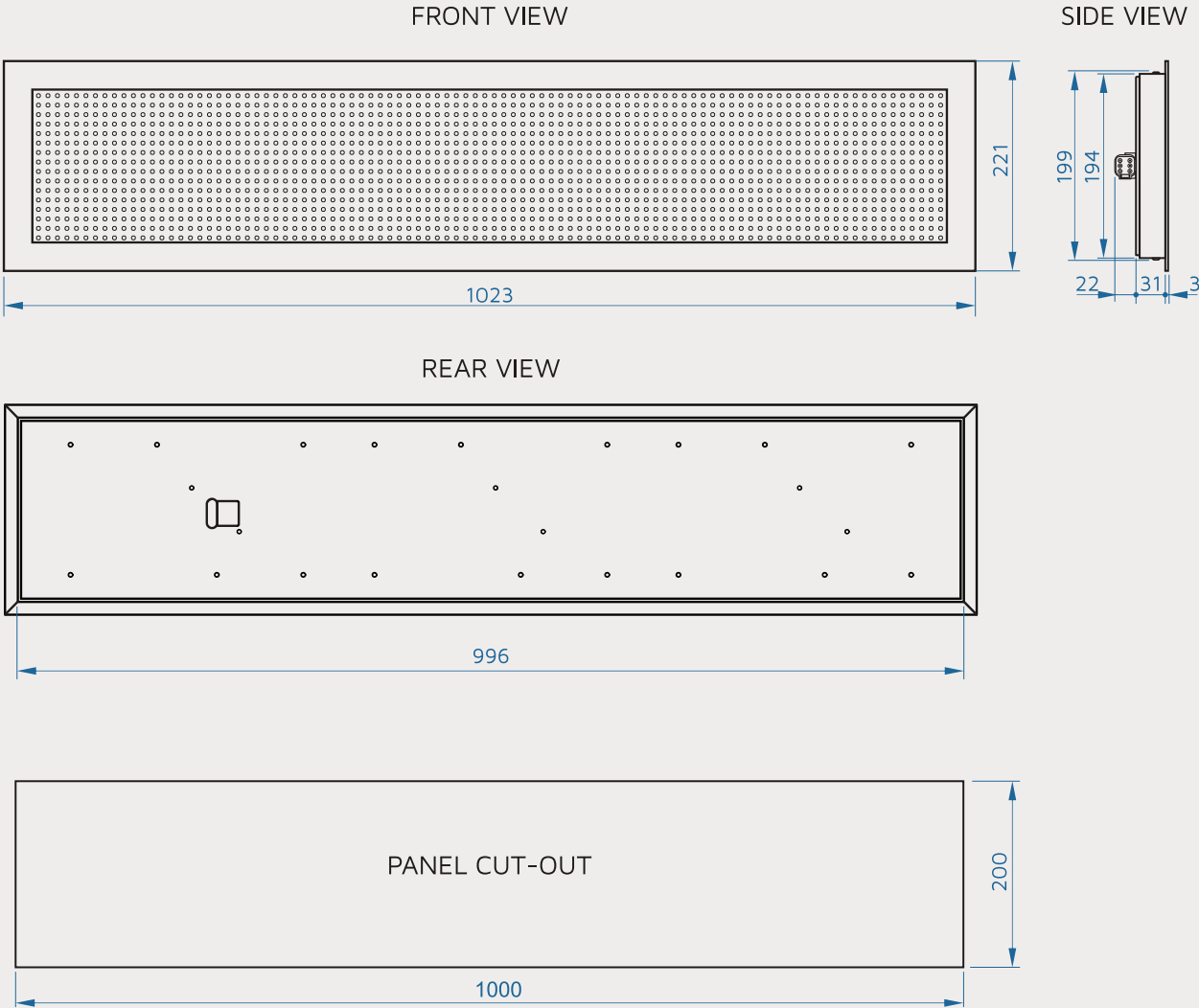
Black coated aluminium housing and UV protected polycarbonate front plate are made for long lasting operation and are highly resistant to all weather conditions.



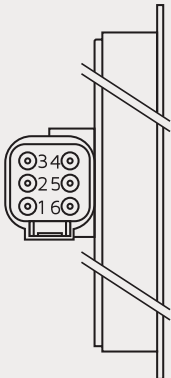
SPECIFICATIONS

POWER	
Supply Voltage	8-32 V DC
Current	max. 0.7 A @ 24 V max. 1.4 A @ 12 V
Electrical Protection	overvoltage, transients, reverse polarity, load dump
INTERFACES	
CAN	1x CAN, ISO 11898 2.0 A/B up to 1 Mbps, protocols SAE J1939, CAN open, free, etc.
CAN Termination	120 Ohm, DIP switch
LED MATRIX	
LED	matrix 96x16 RGB super bright SMD LEDs
Message presentation	arrows, text, signs and other patterns
Message animation	steady, scroll, push
Light sensor	optional
ENVIROMENT	
IP Class (IEC529)	IP65, front panel IP67
EMC Conformity	EN61000-6-2 noise immunity EN61000-6-4 radiation of interference
Temperature Range	storage -40° to +85°C (-40° to 185°F) operating -40° to +85°C (-40° to 185°F)
ENCLOSURE	
Housing Material	aluminium housing - black coated, polycarbonate front plate - transparent
Mounting	in-dash with 6 screws M5 or tapping screws with max. diameter of 5 mm
Connector	Deutsch DT06-06S, automotive 6-way connector, waterproof
SIZE & WEIGHT	
W x H x D	1023 x 221 x 56 (34 without connector)
Weight	4 kg

DIMENSIONS



CONNECTIONS



CONNECTION DEUTSCH DT06-6S	
PIN	Description
1	BATTERY +
2	CAN L
3	CAN L, INTERNAL SHORTED TO PIN 2
4	CAN H
5	CAN H, INTERNAL SHORTED TO PIN 4
6	GND (BATTERY -)

PRODUCT CODE

MMB-RGB 96X16

matrix message board, 96x16 px, RGB, CAN

Standard

Active

For more options please contact the supplier.