

# MBX PROFILE



The new generation of low  
profile letters.



# MBX. RELIEF LETTERS - A NEW CONCEPT.

## MBX DOESN'T DO EVERYTHING DIFFERENTLY. BUT LOTS OF THINGS BETTER.

Walking through the pedestrian zone you see them right away: Illuminated relief letters have become standard advertising elements. Not all low profiles are the same. MBX presents a new generation of profiles that will set new standards in corporate identity.

The new MBX profile improves on past technology. Currently, optimal light distribution is achieved for flat relief letters by encapsulating the carefully placed LED modules in a clear compound. The disadvantage is poor heat dissipation and a lack of access making it impossible to maintain and replace the LED modules that are fixed in the compound. The new solution: a profile system that makes it possible to do without the compound allowing access to the LED modules for ease in replacement.

### Key Benefits:

- MBX is available as an indoor, outdoor or IP65 versions.
- Easy access to the 12 Volt LED modules making them easy to maintain and ensuring excellent heat dissipation.
- Varied brightness according to requirements.
- Mandatory low levels of brightness can be catered to by combining warm white LED modules with matching acrylic material.
- New fastening capabilities and 100% recyclable.
- UL approved

# MBX. INNOVATION MADE TO MEASURE.



## YOU CAN RELY ON MBX.

- INDOOR, OUTDOOR AND IP65
- INDUSTRIAL PRODUCTION GUARANTEES HIGHEST PROCESSING QUALITY
- LED MODULES WITH HIGH-QUALITY CHIPLITE SMD TECHNOLOGY
- SHORT-TERM DELIVERY
- FIVE-YEAR GUARANTEE ON ALL MBX LETTERING  
TWO-YEAR GUARANTEE ON ALL MBX LED MODULES

# MBX. LEADERS IN DETAIL.



The laser-cut rear sections are a 100% match for the fastening bolts and cable outlets.

**HOWEVER YOU  
LOOK AT IT:  
THE MBX IS A  
PROVEN WINNER.**

## Perfectly thought out from A-Z.

A brief look at the production process shows why MBX profiles are setting new standards: the basic structure consists of three layers of acrylic material. The rear cover is made of either aluminium or translucent acrylic material. Any one of a variety of widely used acrylic materials can be applied to the front. Satin-finished surfaces or multi-colored designs can also be implemented without problems. These letters are manufactured using fully automatic controlled 3-D cutting equipment. Painting is carried out with acrylic paints in a three-coat process in order to achieve 100% coverage of the side sections. The aluminium rear sections are cut using lasers, thus ensuring a 100% fit and guaranteed superb match for the fastening bolts and cable outlet holes. The inner sides of the aluminium surfaces are coated with white reflecting paint for optimal light distribution.

# MBX IN ACTION: EXAMPLES OF USE.

**NO TWO ILLUMINATED ADS ARE THE SAME.  
THAT'S WHY MBX LOOKS DIFFERENT EVERY TIME.**

Whether indoor, outdoor or IP65, direct light emission to the front or to the side, whether large or small- MBX leaves plenty of scope for creativity. Talk to us about the solution that suits you best. This page only represents a small selection of possible configurations.



MBX 6



MBX 9



MBX 3



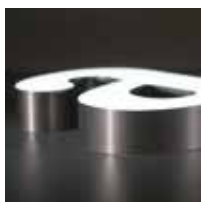
MBX 6.3



MBX 9.3



MBX 3.3



LIGHT EMISSION  
FRONT

REAR WALL  
SHEET ALUMINIUM



LIGHT EMISSION  
FRONT  
SIDE SECTION

REAR WALL  
SHEET ALUMINIUM



LIGHT EMISSION  
REAR SECTION

REAR WALL  
3mm PLEXIGLAS GS



LIGHT EMISSION  
FRONT  
REAR SECTION

REAR WALL  
3mm PLEXIGLAS GS



LIGHT EMISSION  
FRONT  
SIDE SECTION  
REAR SECTION

REAR WALL  
3mm PLEXIGLAS GS



LIGHT EMISSION  
SIDE SECTION  
REAR SECTION

REAR WALL  
3mm PLEXIGLAS GS

PLEASE SELECT BETWEEN INDOOR, OUTDOOR OR IP65 SPECIFICATIONS

# MBX IN ACTION: FASTENING TECHNIQUES.

**UP AND AWAY WITH MBX:** IT DOESN'T YET HOVER ON ITS OWN. BUT WE ARE WORKING ON IT.



Front



Rear section

Particularly flat and filigree letters present new challenges for fastening techniques, as they are not compatible with conventional solid fastening solutions. The alternative is to use a 5-mm thick aluminium base plate cut to the shape of the letters with a laser, creating filigree transitions from one letter to the next. The ceiling and wall fastenings are also cut out of the base plate. The wiring is done invisibly using ribbon cables.

# FASTENING TECHNIQUES.

## WALLS, ROOFS AND FACADES: MBX ENSURES THE PERFECT LOOK.



### SCREW FASTENING

A direct fastening for walls or facings using special stainless steel bolts.



### PLUG-IN FASTENING

A current-carrying plug-in connection can be simply created using various types of CINCH plugs. Recommended for indoor use only.



### DUAL CHANNEL

The letters can be manufactured ex works ready to mount with stable cable channels/U-profiles in the dimensions 10/10, 15/15 or 20/20.



### SINGLE RAIL

We offer metal-fishbone-designs in the dimensions 25/25 and 30/30 for MBX lettering to be fitted with a base rail.



### CURRENT-CARRYING

These aluminium profiles measuring 10 x 12 mm provide a low-cost, filigree and above all cable-free connection between the letters.

MBX LETTERS.  
EXPERTISE IN  
BRAND IMPLEMENTATION



MBX USA  
234 Morrell Rd #201  
Knoxville, TN 37919

865.474.7281  
[www.mbx-usa.com](http://www.mbx-usa.com)  
[sales@mbxusa.com](mailto:sales@mbxusa.com)