

MB MCKENNA BROTHERS

HandySign



HandySign is a combined LED sign and ICU 400 control unit, providing a user-friendly system for the display of route number and destination text. HandySign can be mounted on a dashboard and powered by the cigar lighter auxiliary socket. The unit is simple to install and can easily be removed when not in use giving total flexibility. This sign, together with our complete product range, give you information systems designed for the demanding vehicle environment.

NO MAINTENANCE

The signs are fully electronic with no moving parts. They have LED's which will function for the normal lifetime of the bus. The LED's have built in UV protection, which means they will keep their colour and intensity.

OPTIMAL LEGIBILITY

To get optimal visibility we use high intensity amber LED's with a wide viewing angle. The light intensity is adjusted using a built-in sensor, which reacts to the ambient light conditions, from pitch-black to full sunlight.

SIMPLE FOR THE DRIVER

A small number of intuitive buttons make it simple for the driver to select the required information. The

control unit display shows exactly the same information as the sign and has background illumination, making it easier for the driver to view in poor lighting conditions.

QUICK UPDATING

Route number, destination text and graphics are created in an easy-to-use editing program.

The information is downloaded quickly and simply from the computer via a memory card to the HandySign. No PC or cable is required on the vehicle.

TECHNICAL DATA

Voltage	Nominal Supply	12 or 24v DC versions via cigar lighter connector with integral fuse and power indicator
Current consumption	Nominal	12v @ 4A or 24v @ 2A
LED's	Description Array Pitch (H x L mm)	4 mm amber 7 x 84 11,7 x 10,0
Text transfer		Memory card
Transfer speed		Varies with number of destinations, e.g. 1,000 destinations in approx. 15 seconds (15-50 Kbytes/sec)
EMC		EU Directives 89/336/EEC and 95/54/EC CE and e-mark
Memory		Flashprom, 1 MByte
Display		Graphic LCD
Ambient environment	Temperature range Relative humidity Vibration Shock	-20 to + 70°C <93% RH at + 40°C IEC 68-2-64-Fh IEC 68-2-27-Ea
Overall dimensions (L x H x D mm)		920 x 185 x 120

We reserve the right to change technical specifications without prior notice.

 **McKENNA BROTHERS**

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