



## Description:

In fields of advertising and information, electronic signs and moving messages respectively, become more and more popular. And this is not next door to a miracle if you look at the spectrum of possibilities. The different units of the ESN-series are not only able to show 93 standard characters in 14 fonts, to attract attention, the moving messages are also equipped with various display effects. These effects are performed in six diverse speeds. Furthermore, with the option to get signs programmed via a network, the series offers a real handy advantage.

## Features:

- Large-scale information board for indoors and protected areas
- Ideal for welcome, announcements, special events, orientation etc.
- With 5-mm-LEDs for ideal readability from up to 25 meters distance
- Color and background color freely selectable via red/green/yellow LEDs
- High resolution with 54 mm character height per display line
- Double-line display with up to 42 visible characters per line
- 93 standard characters (letters/numbers) capitalized/small letters, symbols and language specific characters
- 14 fonts, 13 more fonts can be imported
- Fonts-manager for selecting different fonts, font sizes, letter cutting (bold) and for completely redesigning fonts
- Flash adjustable for emphasizing the message
- 50 different display effects (e.g. scroll up) freely selectable for In Mode and Out Mode
- 6 different speeds adjustable
- Display time of the message adjustable between 0 and 60 seconds
- Playlists of individual messages programmable

## Logistic

EAN / GTIN: 4026397271669

Weight: 11,05 kg

Length: 2.25 m

Width: 0.23 m

Height: 0.12 m

Bulky product

- With Timer-function (operation intervals and ignore times freely programmable)
- Permanent Flash-memory with 1 GB capacity
- Easy installation and comfortable operation via remote-control (optional)
- Installation clamps and wall mounting included in the delivery
- Software-CD included in the delivery for comfortable programming
- Time display in different formats (24 h, 12 h AM/PM, seconds, time zone)
- Date in different styles (DD.MM.YYYY, US/UK or MM.DD.YYYY)
- Selection of year, month or day of the week in letters or numbers
- Freely programmable graphic-patterns via Picture Manager
- Net Manager for operating several Moving Messages
- Interfaces via RS232 (serial) or Ethernet (TCP/IP-protocol)
- RS232-connection via RJ11 plug and 9-pin SUB-D socket
- 10 m data-cable for RS232-connection included in the delivery
- RS232-connection extendable to max. 20 m (optional)
- IP-address for Ethernet-control freely programmable
- Minimum system-requirements): CPU 500 MHz or higher, VGA-card with small font, 128 MB memory, 10 MB of free hard disc space, CD-Rom drive, free COM-port or Ethernet-port, up to Windows XP, mouse, monitor refresh rate 60 Hz or higher
- 4096 LEDs 5 mm R/G/Y
- The device is cooled by passive convection cooling
- Control via network cable; IR remote control (not included)

## Technical specifications:

Power supply:	230 V AC, 50 Hz
Power consumption:	90.00 W
Protection class:	Protection class I
Power connection:	Fixed power supply cord with safety plug
Cable length:	Max. 20 m
Lamp type:	LED lamp
LED type:	4096 x 5 mm R/G/Y
Network connection:	Protocol: Ethernet TCP/IP via 1x RJ-45 (F) mounting version
Cooling:	Passive convection cooling
Control:	Network cable; IR remote control (not included)
Image:	Max. 16x256 px
Presentation:	2-line, 42 visible characters 8 colors 4 background colors
Text:	93 with 2000 signs 14 fonts 120 symbols
Housing color:	Black
Connections:	RS 232 via RJ11 (F) mounting version RS 485 via RJ11 (F) mounting version
Display:	12 cm x 195 cm
Dimensions:	Width: 201.2 cm Depth: 5 cm Height: 15.8 cm
Weight:	9.50 kg
Special product:	Not designed for household room illumination
Intended use:	Show effect lighting

## Scope of delivery:

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- 1 x device
- 1 x CD
- 1 x network cable
- 1 x adapter cable
- 2 x mounting material
- 2 x angle
- 4 x screw
- 1 x user manual