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### 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 3-mm-LEDs for ideal readability from up to 15 meters distance
- Color and background color freely selectable via red/green/yellow LEDs
- High resolution with 33 mm character height per display line
- Double-line display with up to 10 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: 4026397271638

Weight: 2,20 kg

Length: 0.52 m

Width: 0.12 m

Height: 0.18 m

- With Timer-function (operation intervals and ignore times freely programmable)
- Permanent Flash-memory with 1 GB capacity
- Operation only via software
- 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, Windows 9X or higher, mouse, monitor refresh rate 60 Hz or higher

### Technical specifications:

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	25,00 W
Dimensions:	Width: 36,1 cm Depth: 5 cm Height: 12,2 cm
Weight:	1,80 kg
	via 5-6 V DC, 1-5 A power-unit included in the delivery
Display:	3-mm Tri-Color LED-modules
Resolution:	2 lines, 10 visible characters
Display-colors:	8 colors, 4 background colors
Display-matrix (HxW):	16 x 64
Display-area (HxW):	76 x 305 mm
Character height:	33 mm
Readability distance:	approx. 15 m
Memory-type:	Flash, permanent
Memory-capacity:	186000 characters (1 MB)
No. of messages:	93 with 2000 characters
Fonts:	14
Symbols:	120
Interfaces:	RS232, RS485, Ethernet TCP/IP
Max. cable-length:	20 m (RS232)
Dimensions:	122 x 361 x 50 mm
Legal specifications	
Special product:	Not designed for household room illumination
Intended use:	Show effect lighting