

Medical and NHS



www.LEDsynergy.co.uk

LEDsynergy Ltd

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DESIGN

MANUFACTURE

INSTALLATION

DEVELOPMENT

COMMISSIONING

Medical and NHS

In a situation where patients are waiting to see a practitioner an LED display is a crucial means of keeping patients updated and queue managed. From elaborate call forward systems to simple message displays an LED display becomes a focal point for patient communication. In busy NHS Trusts these displays can be used in training situations directing students to seminars and training courses.

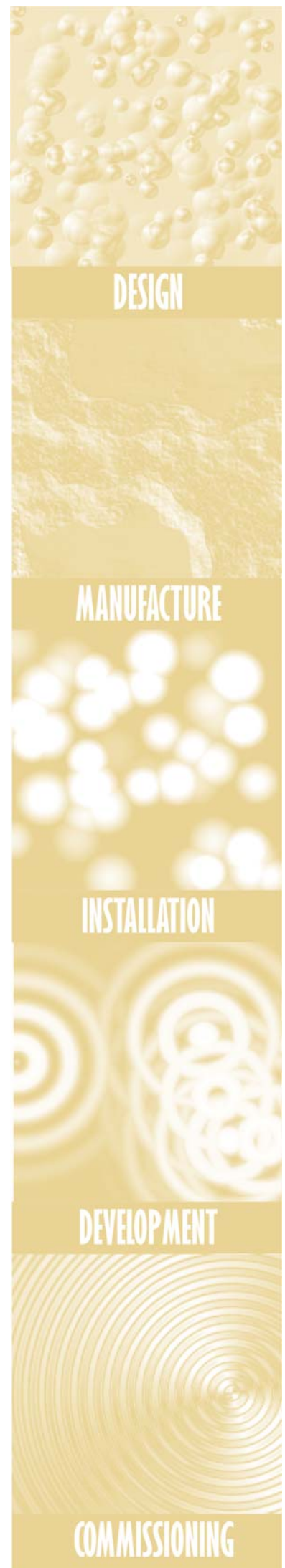
Right: MS16/30-8L message display used a training environment to direct students and provide info for each course



Left: MS 24/60-2L message display (bi-line)



Left: MS16/60-2L display (Bi-line)



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Right: 2 Line yellow Display in Doctors waiting Room providing general up to date information



Below: 4 Line display in Doctors waiting Room providing general up to date information



Right: 5 line 30mm display 24 characters per line



Above and right: Reception displays in patient waiting areas (MS24/60-2L) (Charing Cross Hospital)



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OPTIONS

All Queuing System displays are manufactured as Moving Message Alphanumeric Displays

Moving Message Alphanumeric Display – This is a 16 or 24 character, single line, 30mm character height display with the ability to display Text Messages in addition to the numerical information. The Moving Message Alphanumeric Display has all the functionality of a Standard **LEDsynergy** Alphanumeric Display, including:

Transition Functions – There are 15 attractive transitional functions including: - Appear, Wipe, Open, Lock, Rotate, Right, Left, Roll Up, Roll Down, Ping Pong, Fill Up, Paint, Fade In, Jump, Slide.

Tempo – This is the time duration that each page is displayed for. 9 different tempos are available.

Pre-Scheduling – Each page programmed into the display can be scheduled to display at a specific day, date & time.

Auto Centering – The text entered into the display is automatically centered, providing a symmetrical, visually appealing display.

Character Options – Upper and Lower Case letters, Bold characters, Enlarged characters, Flashing characters.

Real Time Clock & Calendar – Used to display the Date, Month, Day & Time on the display.

Back-up battery – No loss of memory or time in case of power failure.

Date and Time Displays – These are 45mm high 7 segment LED displays, used to display numerical information. When included in the design of the Queuing System, they display the Date and Time.

OPERATION

LEDsynergy Queuing System Displays are easily programmable, with various methods of operation to suit almost any application.

Keyboard Operation

The simplest way to program a Queuing System Display, is using the standard **LEDsynergy** RMSP-100 Infra-Red Keyboard. The keyboard is simply pointed at the display and the message is typed into the display.

PC Operation

LEDsynergy Queuing System Displays can also be programmed from remote locations using PC's and Windows Compatible Software.

The displays can be connected to PC's in various ways:

- Connected directly to a PC's Serial Communication Port
- Via dial-up modem
- Over Ethernet TCP/IP network

Messages are edited/ composed on PC and then downloaded or sent to the display.

POPULAR COMMUNICATION OPTIONS *(Many others are available)*

RS232 – Connected directly to the serial communication port of a PC. The cabling is limited to a maximum of 50 meters between the PC and the display. RS232 is suitable for single display applications with short cable lengths.

RS485 – Connected to the serial communication port of a PC via a RS232 to RS485 converter. Suitable for use in connecting many signs together on the same cable with no conflicts, in electrically noisy environments.

Ethernet – Connected directly into a TCP/IP Ethernet network, and assigned its own IP address. Suitable for use where there is an existing network infrastructure.

Modem – Connected directly to a modem that answers an incoming call from the PC operator, and will disconnect after the message has been transmitted. Suitable for use where there is an existing telephone line and other communication options are unsuitable.

Others – including Pagers, Newswire, Radio Modems, Keypad, Fibre Optics, please contact us for a more detailed information.

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