

# LARGE FULL COLOUR LED

High impact, full colour LED displays



MESSAGEMAKER DISPLAYS  
LEADING SPECIALISTS IN THE  
PROVISION, INSTALLATION  
AND MAINTENANCE OF  
LARGE SCALE LED SIGNAGE  
SOLUTIONS.

# LARGE FULL COLOUR LED DISPLAYS

Messagemaker Displays are one of the leading specialists in the provision, installation and maintenance of large scale LED signage solutions.

Whether you require an indoor or outdoor display, our extensive product range exceeds the most rigorous quality standards, and can be relied upon to work regardless of adverse weather conditions and climates.

If you are looking for a high impact display on which to showcase your advertising and promotional messaging, our team of technical experts can help find the right solution to bring your vision to reality. Each project is individually planned and managed by a dedicated project manager who will help every step of the way from conception, planning, installation, commissioning and on going support.

Within this literature, you will find just a small selection of our best-selling large screen options that Messagemaker Displays have installed for clients in the UK and worldwide. This is intended to give an overview of how we can help, but is by no means our complete capabilities.

To discuss your exact requirements, please call 01737 774747.



## INDOOR SCREENS

### **The Lite II Series**

- ▶ Unique design with pulley lock for convenient module fixing
- ▶ Choice of various module options dependent on pixel pitch
- ▶ Precision made metal cabinets with gaps < 0.2mm ensuring uniformity of display
- ▶ Advanced image line-elimination technology
- ▶ High grayscale at low brightness and natural colour transition for enhanced imaging
- ▶ Front or back maintenance



# OUTDOOR SCREENS

## The Plus Series

- ▶ Compact block design and appearance
- ▶ Light weight module panels
- ▶ Aluminium alloy die-cast cabinets
- ▶ High IP rating for extreme weather conditions
- ▶ Easy and efficient installation
- ▶ Back Maintenance



## EIII Series

- ▶ Modules supplied with D-type connectors for strong connectivity and high corrosion resistance
- ▶ Excellent contrast ratio and high visibility properties
- ▶ High IP rating for extreme weather conditions
- ▶ Easy and efficient installation
- ▶ Front and Back Maintenance

## Perimeter Series

- ▶ Two design options – Collapsible and Standing Angle
- ▶ Strong structure incorporating anti-collision and rebound technology to protect against player impact
- ▶ Adjusted viewing angle to meet the viewing requirements of perimeter displays
- ▶ Glare and reflection 'shader' design
- ▶ High refresh rate for live TV coverage
- ▶ Quick assembly
- ▶ Individual cabinet light sensors that can be controlled to maximise visibility
- ▶ Front and Back Maintenance
- ▶ Hot signal back-up



## The Vision Series

- ▶ Smart Cabinet modules with built-in control cards for independent display
- ▶ Smart modules can be monitored to ensure optimum operating status
- ▶ Patented panel design ensure rigidity and alignment
- ▶ Definition of vision - Ultra-high contrast ratio of 10000 : 1
- ▶ Simple module connection ensures easy and efficient installation
- ▶ Curved or straight edge designs can be achieved
- ▶ Cabinet IP Rating (IP66) for extreme weather conditions
- ▶ Energy efficient – Power consumption approx. 18-65% of traditional displays
- ▶ Front and Back Maintenance

# SCREEN SPECIFICATION

	Plus Series	Vision Series	E111	Perimeter Series	Lite11 Series
Model	PL-13.3 to PL-26.7	Vi-3.9 to Vi-10	E3-6.4 to E3-165	E3-8.75 to E3-165	LI2-1.3 to LI2-3.8
Pixel Pitch (mm)	13.3 to 26.7	3.9 to 16	6.4 to 16	8.7 to 16	1.33 to 3.84
Pixel Configuration	IRIGIB	SMD/IRIGIB/SMDC	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD
Application	Outdoor	Outdoor	Outdoor	Outdoor	Indoor

Module Info					
Module Resolution (HxW px)	24 x 24 to 12 x 12	60 x 80 to 40 x 40	30 x 60 to 12 x 24	22 x 44 to 12 x 24	144 x 144 to 50 x 50
Size of Module (HxW mm)	320 x 320	238.5 x 318 to 400 x 400	192 x 384	192 x 384 to 225 x 400	192 x 192
Cabinet Resolution (HxW px)	24 x 96 to 12 x 48	Customised	120 x 120 to 48 x 48	Customised	432 x 288 to 150 x 100
Cabinet Size (HxW mm)	320 x 1280 x 184	Customised	Customised	Customised	576 x 384 x 92
Cabinet Weight (kg)	18 Kg (with power supply)	Customised	20 Kg	55 Kg (angle adjustable) 75Kg (collapsible)	8 Kg

Display Info (per cabinet)					
Max Power Consumption (W)	300	26 w/m <sup>2</sup>	600	1200	150
Avg. Power Consumption (W)	70 - 100	185 w/m <sup>2</sup>	150 - 200	580	65
Brightness (cd/m <sup>2</sup> )	>6000	6000	>6000	.6000	>1200
Contrast Ratio	5000 : 1	4000 : 1	5000 : 1	5000 : 1	2000 : 1 (1.33 to 1.7 pixel pitch)  3000 : 1 (1.9 to 3.84 pixel pitch)
Viewing Angle	Horizontal : 110° Vertical : 45°	120° / 120°	140° / 100°	160° / 80°	120° / 120°
IP Rating	Front: IP67 Back: IP54	IP66	Front: IP65 Back: IP54	Front: IP65 Back: IP54	N/A
Grey Level	16 Bit	16 Bit	16 Bit	16 Bit	14 Bit
Frame Frequency (Hz)	>60	60	>60	>60	>60
Refresh Frequency (Hz)	>1920	1920	>1920	>2800	>3840 (1.33 to 1.92 pixel pitch)  >1920 (2.66 to 3.84 pixel pitch)
Brightness Control	Manual / Auto / Scheduled				
Operating Temperature	-20°C to 50°C				-10°C to 40°C
Operating Humidity	10% to 90%				
Storage Temperature	-40°C to 60°C				-40°C to 60°C
Storage Humidity	10% to 90%				

## Certified and Safe

Certified to CE ETL FCC 3C and ROHS (The Restriction of Hazardous Substance Directive) compliant, the large screen range has been rigorously built and tested to the highest European safety standards.

## MESSAGEMAKER DISPLAYS GUARANTEE

Our service starts from your initial enquiry. Our technical team can provide any installation advice, support or training as required. Each screen comes with a **24 month warranty** and the team are on-hand to answer any on-going questions post sale.

Contact the team for further information on **01737 774747**

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