NEC MultiSync® E758
LCD 75" Essential Large Format Display

Datasheet

Functionality you need for presentations and digital signage

Designed for the rigours of commercial usage, yet at an impressively low total cost of ownership, with 18/7 operating hours the 75-inch MultiSync® E758 Large Format Display delivers the functionality and reliability you need for large meeting rooms and digital signage. The robust metal chassis which naturally dissipates heat is safeguarding long life performance, fire safety and sustainable waste management.

A professional haze level (Pro 28) supports excellent visibility without distracting reflections; combined with brightness of up to 400 cd/m², the E758 meets the demands of today's meeting room environments. Presenters can feel confident, benefiting from instant meeting start-up, thanks to auto input detection and easy switching between HDMI sources.

An integrated MediaPlayer supports native UHD resolution and High Dynamic Range (HDR) for deep contrasts and natural looking content playback with auto-play function. Requiring no additional cables, external devices or signage software, the USB MediaPlayer enables a simple seamless professional signage solution.

Facilities managers will welcome the ability to remotely control their digital estate via the network thanks to the integrated LAN and NEC NaViSet Administrator 2 functionality making this display the perfect choice for corporate meeting rooms and entry level digital signage.

Benefits

Reduced Installation and Operating Costs – highly energy efficient LED backlit display ensures low power consumption, longer backlight lifetime and lighter design for easy transportation, mounting and integration.

Slim Design and Integrated Speakers – the aesthetic design is pleasing to the eye and enables easy, low cost installation.

Future Ready Connectivity – featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.

Standalone operation – the display is designed for straightforward standalone operation due to integrated USB media player, speakers and scheduling functionality.

Effortless content playback – the integrated USB media player supports various image video file formats for effortless and standalone content playback.

Product Information

Product Name	NEC MultiSync® E758
Product Group	LCD 75" Essential Large Format Display
Order Code	60005157

Display

Panel Technology	IPS with Direct LED backlights
Active Screen Area (W x H) [mm]	1,649.7 x 927.9
Screen Size [inch/cm]	74.5 / 189.3
Aspect Ratio	16:9
Pixel Pitch [mm]	0.430
Brightness [cd/m²]	400
Contrast Ratio	≥ 8000:1 [1]
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Colour Depth [bn]	1.073 (10bit)
Response Time (typ.) [ms]	8
Panel Refresh Rate [Hz]	60
Haze Level [%]	Pro (25)
Supported Orientation	Landscape; Portrait

Resolution

Native Resolution	3840 x 2160			
Supported Resolutions	1280 x 720; 1920 x 1080;	1920 x 1200; 3840 x 2160;	4096 x 2160; 640 x 480;	720 x 480; 720 x 576

Synchronisation Rate

Horizontal Frequency [kHz]	15 - 136
Vertical Frequency [Hz]	24 - 75

Connectivity

Input Video Analogue	1 x VGA; Component (RCA); Composite (RCA)
Input Video Digital	3 x HDMI
Input Audio Analogue	1 x 3,5 mm jack
Input Audio Digital	3 x HDMI
Input Control	LAN 100Mbit; RS232
Input Data	1 x USB 2.0 (MediaPlayer); 1 x USB Typ-C (5V/3A, power for external devices)
Output Audio Analogue	1 x 3,5 mm jack
Output Audio Digital	1 x SPDIF
Remote Control	Remote Control IR; RS-232C (9-pin D-sub) Input

Sensors

Ambient Light Sensor	Integrated, triggered actions programmable

Electrical

Power Consumption [W]	145 shipping
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)
Power Supply	100-240 V AC; 50/60 Hz; internal

Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to +60

Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1,682.3 x 961.1 x 83.2
Weight [kg]	Without stand: 36.3
Bezel Width [mm]	14.3 (left, right and top); 14.8 (bottom)

VESA Mounting [mm]	4 holes; 600 x 400 (FDMI); M8
Material	Metal

MediaPlayer

Supported File Storage / File System	USB 2.0 / FAT16, FAT32
Supported Image Formats	JPG (baseline, progressive, RGB, CMYK); max. resolution 15360 x 8640
Supported Video Formats	MPG (MPEG1/2/4, max res 1080p@30Hz); MP4 (MPEG2/4, H.263, H.264, HEVC/H.265, max res 3840x2160@60Hz); TS (MPEG2, H.264, HEVC/H.265, max res 3840x2160@60Hz); audio: LPCM, MP3, AAC; WMV (video H.264, Windows Media Video 9, max res 1080p@30Hz, audio WMA 9, WMA 10 Pro)
Supported Audio Formats	MP3 (MP3); max. bit-rate 320 kBit/s

Available Options

Accessories	Feet (ST-801); Trolley (L20PNSR780MEU); Wall mount (L20PNWALL90EU); Wall mount (SF680P)

Regulatory

Safety and Ergonomics	EMC Class B; Energy Star 8; FCC; PSB; RCM; TÜV S; UL/C-UL; VCCI

Green Features

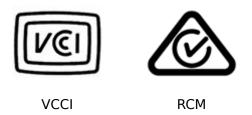|	
Energy Efficiency	Energy consumption: 128 kWh/1000 h; Energy efficiency class: G; LED backlight
Ecological Standards	EnergyStar 8.0

3rd Party Certifications

Crestron	Certified for Crestron CCV2 and XiO Cloud

Additional Features

Special Characteristics	Ambient Light Sensor; Audio settings with equalizer; CEC Support; Colour temperature mode; Display Browser Control; Energy saving picture mode; HDMI with UHD at 60 Hz; HDR Gamma Support (HLG, PQ); Mac and Windows compatible; NaViSet Administrator 2 - free download; Powered USB-Port; Retail picture mode; Scheduler; SNMP Support; USB Media Player
Colour Versions	Black Front Bezel, Black Back Cabinet
Audio	Integrated Speakers (10 W + 10 W)
Shipping Content	2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual

Warranty	3 years warranty incl. backlight
Operating Hours	18/7
External Control	Crestron Connected

[1] out of the box conditions, local dimming ON

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