

MultiSync® E558

LCD 55" Essential Large Format Display

Preliminary Datasheet

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	MultiSync® E558
Product Group	LCD 55" Essential Large Format Display
Order Code	60005054

Display

Panel Technology	IPS with Direct LED backlights
Active Screen Area (W x H) [mm]	1,210 x 680
Screen Size [inch/cm]	54.6 / 139
Aspect Ratio	16:9
Pixel Pitch [mm]	0.315
Brightness [cd/m ²]	350
Contrast Ratio (typ.)	1200:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 20:1)
Response Time (typ.) [ms]	8
Panel Refresh Rate [Hz]	60
Haze Level [%]	Standard (1)
Supported Orientation	Landscape

Synchronisation Rate

Horizontal Frequency [kHz]	15 - 134
Vertical Frequency [Hz]	23 - 70

Resolution

Native Resolution	3840 x 2160			
Supported on HDMI only	1080p (60 Hz); 1080p (30 Hz); 1080p (24 Hz);	1080p (0 Hz); 1080i (50 Hz); 1080i (60 Hz);	720p (60 Hz); 720p (50 Hz); 576p (50 Hz);	576i (50 Hz); 480p (60 Hz); 480i (60 Hz)

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
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
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Electrical

Power Consumption Eco/max. [W]	(TBD) shipping
Power Savings Mode [W]	< 0.5 (ECO Standby)

Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	10 to 80
Storage Humidity [%]	5 to 85
Storage Temperature [°C]	-10 to +60

Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1,238.6 x 717.7 x 72
Weight [kg]	Without stand: 16.8
Bezel Width [mm]	12.5 (left, right and top); 13.9 (bottom)
VESA Mounting [mm]	4 holes; 400 x 200 (FDMI); M6

MediaPlayer

Supported File Storage / File System	USB 2.0 / FAT16, FAT32
Supported Image Formats	JPG (baseline, progressive, RGB, CMYK); max. resolution (TBD) x (TBD)
Supported Audio Formats	MP3 (MP3); max. bit-rate (TBD) kBit/s
Supported Video Container Formats	(TBD), (TBD), (TBD), (TBD), (TBD), (TBD), (TBD), (TBD)
Supported Video Codecs	(TBD), (TBD), (TBD), (TBD)
Supported Audio Codecs (Video)	(TBD), (TBD), (TBD)

Available Options

Accessories	Feet ((TBD)); Trolley (PDMHM-L); Wall mount (PDW S 32-55L)
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Green Features

Energy Efficiency	Annual energy consumption: 151 kWh (based on 4 operating hours per day); ECOMode; Energy efficiency class: (TBD); LED backlight; Low power consumption
Ecological Standards	EnergyStar 8.0

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; Powered USB-Port; Retail picture mode; Scheduler; SNMP Support; USB Media Player
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	EMC Class B; FCC; PSB; RCM; TÜV S; UL/C-UL; VCCI
Audio	Integrated Speakers (10 W + 10 W)
Shipping Content	Display; HDMI Cable; Power Cable; Remote Control
Warranty	3 years warranty incl. backlight
Operating Hours	16/7

PublicDisplays-RCM	PublicDisplays-VCCI
RCM	VCCI

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