

Sharp Signage Display

# SHARP MULTISYNC® M322 LCD 32" MESSAGE LARGE FORMAT DISPLAY



For economical signage in 24/7 commercial environments, the 32" Sharp MultiSync® M322 delivers all the professional performance and features you need, whilst minimising the cost of ownership.

- Modern and slim design – robust yet elegant allowing for an unobtrusive integration into any application and environment.
- Secure remote management – control your devices remotely and securely using Sharp NaviSet Administrator 2; proactively manage maintenance requirements saving time and resources.
- Unhindered readability – no reflections from windows or other light sources means no disruption to the visibility of signage content or meeting room presentation.
- Mission-critical 24/7 ready operation – the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.
- Future Ready Connectivity – featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.

# Specifications

## Panel Data

Bezel Horizontal (mm)	12
Bezel Vertical (mm)	12
Panel Response Time (ms)	8

## Accessories

Accessories	Feet, Presence Sensor, Wall mount
Shipping Content	Power Cable, Remote Control, HDMI Cable, 2 x AAA batteries, Setup Manual, Display

## Display Module Data

Panel Technology	VA with Direct LED backlights
Native Resolution (Pixels)	1920 x 1080
Aspect Ratio	16:09:00
Brightness (cd/m <sup>2</sup> )	450
Contrast Ratio	4000:1
Viewing Angle (°)	178
Colour Depth [bn]	16.7 (8bit)
Response Time (typ.) [ms]	8

## Additional Features

Colour Versions	Black Front Bezel
Safety and Ergonomics	RoHS, ISO 9241-307 (pixel failure class 2), CE, EAC
Warranty	optional 4th to 5th year warranty extension, Additional services available, 3 years warranty incl. backlight

## Weights and Measures

Shipping Carton Dimensions (Width) mm	870
Shipping Carton Dimensions (Height) mm	527
Shipping Carton Dimensions (Depth) mm	160
Shipping Weight (Kg)	10

## Touch Interface Specification

Haze Level [%]	Pro 28
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## Synchronisation Rate

Horizontal Frequency [kHz]	26 - 91.1
Vertical Frequency [Hz]	23 - 86

## Connectivity

Digital	DisplayPort, HDMI, USB Type C
Analog	VGA
Output Control	LAN 100Mbit

## Environmental Conditions

Operating Humidity (min) [%]	20
Operating Humidity (max) [%]	80

## Ergonomics

Landscape Dimensions (Width) [mm]	727
Landscape Dimensions (Height) [mm]	426
Landscape Dimensions (Depth) [mm]	67

## Projectors

Weight (kg)	6
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## Installation

Portrait Installation	True
Landscape Installation	True
Landscape	True
Portrait	True
Mounting (VESA mm)	200 x 200 (FDMI), 100 x 100 (FDMI)
Mounting (Number of Points/Pitch)	4
Mounting Screw Specification (Size/Max Length)	M4
Face up	True

## Key Specifications

Special Characteristics	DICOM Simulation, HDMI ARC, Powered USB Port (10 W), Removable Logo
24/7 Operation Certified	True
Built in Speakers (W)	5 + 5
Power Management	True
Temperature Sensor	True
Remote Management	True
Operating Time	24/7
Supported Image Format	Max. resolution 15360 x 8640, JPG (baseline, progressive, RGB, CMYK)

## Power Supply and Operating Environment

Operating Voltage (ACV)	100-240
Frequency (Hz)	50-60
Via AC Adapter	True
Operating Voltage (DCV)	100-240
Operating Temperature (°C)	0 - 40
Storage Temperature (°C)	-20 - 60
Storage Humidity Min [%]	10
Storage Humidity Max [%]	90
Power Saving Mode (W)	< 2 (Networked Standby)
Battery	< 0.5 (ECO Standby)

## Display

Screen Size (inch)	32
Screen Size (cm)	80
Colour Gamuts	72% NTSC

## Resolution

Supported Resolution	1024 x 768 , 1920 x 1200, 1400 x 1050, 1366 x 768, 1280 x 768, 3840 x 2160, 4096 x 2160, 1280 x 720, 2560 x 1440, 1920 x 1080, 1600 x 1200, 1280 x 1024, 1440 x 900
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## Electrical

Power Consumption on Mode [W]	40 (shipping)
Power Supply	100-240 V

## Mechanical

Bezel Width (Left/Right) [mm]	12
Bezel Width (Upper) [mm]	12
Bezel Width (Lower) [mm]	17

## Green Features

Energy Efficiency	LED backlight technology, Energy consumption: 41 kWh/1000 h, Energy efficiency class: G
Ecological Standards	Energy Star 8.0

