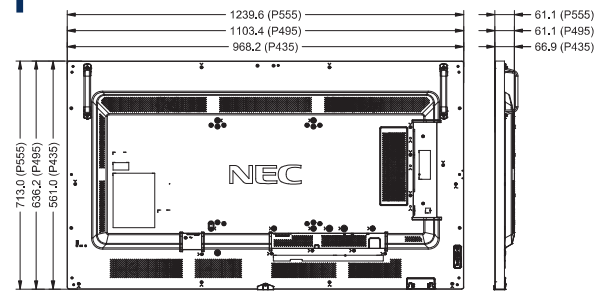


MODEL	P435	P495	P555			
LCD MODULE	Panel Technology			IPS		
	Viewable Image Size			43"    49"    55"		
	Native Resolution			3840 x 2160		
	Brightness (Typical/Minimum)			700 cd/m <sup>2</sup>		
	Contrast Ratio (Typical)*			>8000:1		
	Viewing Angle			178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10		
	Aspect Ratio			16:9		
	Color Gamut			86% DCI		
	Displayable Colors			Over 1.07 Billion (10bit)		
	Orientation			Landscape and Portrait (CCW Rotation)		
	Panel Haze (%)			28		
CONNECTIVITY	Input Terminals	Digital			HDMI 2.0 x2, DP 1.4 x2	
		Analog			N/A	
		Audio			N/A	
		External Control			LAN (100Mbit), 3.5mm Mini Jack IR Remote, RS-232C	
		Data			USB 2.0 x2 (5V/2A, FW), USB Type B (Software)	
	Output Terminals	Digital			HDMI x1, DisplayPort x1	
		Analog			N/A	
		Audio			3.5mm Mini Jack, External Speaker Jack (15W x 2)	
External Control			LAN (100Mbit)			
POWER CONSUMPTION	On (Typ/Max Brightness/All Max)		90W/110W/265W	105W/135W/290W	110W/145W/295W	
	Network Standby		2W			
	Normal Standby		<0.5W			
	Current Rating		2.9A - 1.2A @ 100V - 240V	3.2A - 1.3A @ 100V - 240V	3.3A - 1.4A @ 100V - 240V	
	Speaker Rating		Optional through SP-RM3			
PHYSICAL SPECIFICATIONS	Bezel Width (L/R, T/B)		11.0mm/11.0mm/ 11.0mm/15.6mm	12.0mm/12.5mm/12.5mm/15.6mm		
	Net Dimensions (Without stand; W x H x D)		38.1 x 22.1 x 2.6 in. 968.2 x 561.0 x 66.9mm	43.4 x 25.1 x 2.4 in. 1103.4 x 636.2 x 60.9mm	48.8 x 28.1 x 2.4 in. 1239.6 x 713.0 x 60.9mm	
	Net Weight (Without Stand)		19.0kg / 41.9lbs.	22.9kg / 50.5lbs.	27.6kg / 60.8lbs.	
	VESA Hole Configuration		4x M6 x 12mm (300 x 300)			
SENSORS	Ambient Light Sensor		Integrated			
	Human Sensor		Optional (KT-RC3)			
	Temperature Sensor		Integrated and programmable; linked to cooling fans			
	NFC Sensor		N/A			
ENVIRONMENTAL CONDITIONS	Operating Temperature		0 to 40C			
	Operating Humidity		20-80%			
	Operating Altitude		3000m (9843ft)			
LIMITED WARRANTY	5 years Advanced Exchange					
ADDITIONAL FEATURES	AMX Support, Automated Email Alert Function, CEC Support through HDMI, Crestron RoomView Support, Display Browser Control, Display Wall Calibrator Compatible, HDR Support (PO, HLG, HDR10), Key Guide, Nav/Set Administrator 2 Compatible, OSD Rotation for Portrait Orientation, SDM Compatible, P1 Link Support, Power USB Port (5V/2A), Raspberry Pi Compute Module Compatible, Removeable Logo Ornament, Real Time Clock, Local Dimming, Pivot Feature, G-Sensor, Multi Picture Mode (Up to 4 Simultaneous Displays), SpectraView Engine Technology, Quick Input Change, Dual Daisy Chain, Quick Start, Internet Time Server, Auto ID/IP Settings, Energy Star 8.0					
SHIPS WITH	3m AC Power Cord, 2.0m HDMI Cable, IR Remote Control, Batteries, AAA batteries					
Optional Speakers	SP-RM3					
Optional Stand	ST-43M					
Other Accessories	All SDM Option Cards, Raspberry Pi Compute Module 4 with optional NEC Interface Board, Human Sensor (KT-RC3)					

\*Out of the box conditions, local dimming ON



**Tabletop Stand**

- ST-43M (P435/P495/P555)
- ST-401 (P435/P495/P555)



**Wall Mount**

- WMK-3298T



Bottom Panel



**Input Panels**

- External Speaker Terminal
- Audio Mini Jack Out
- LAN1 (Control IN)
- LAN2 (Control OUT)
- IR In
- DisplayPort IN1
- DisplayPort IN2
- DisplayPort Out
- HDMI IN1 (ARC)
- HDMI IN2
- HDMI Out
- USB-A (Hub/0.5A - Downstream Port)
- USB-B (Control/Software - Upstream Port)
- USB-A (Service/2A)
- RS232C IN

**Side Panel**

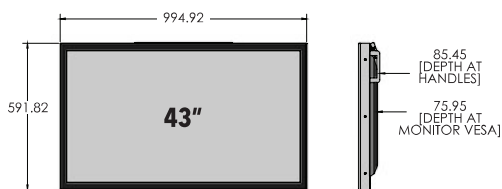


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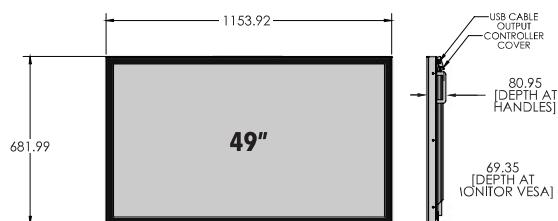
Part Number		M431-PT, MA431-PT, P435-PT	M491-PT, MA491-PT, P495-PT	M551-PT, MA551-PT, P555-PT	M651-PT
Glass	SIZE	43"	50"	55"	65"
	Thickness	4mm			
	Type	Tempered			
	Light transmission	TPLuminousness is 83%			
Touch	Touch Tecnology	Projected Capacitive			
	Number of Touches	40-Point (limitations with MacOS, Linux, and Android)			
	Response Time	8 ms			
	Touch Method	Finger or gloved hand			
	Data Interface	HID via USB 2.0			
	Accuracy	0.1% of sensor diagonal			
Power Supply Mode		Single USB connection (5v, 1A)			
Runtime		24/7			
Aspect Ratio		16:9			
Orientation		Portrait / Landscape			
Width/Height/Depth Including Monitor		39.17 x 23.3 x 3.36 in. / 994.92 x 591.82 x 85.34 mm	45.43 x 26.85 x 3.19 in. / 1154 x 682 x 81 mm	50.33 x 29.47 x 3.19 in. / 1278.45 x 748.45 x 80.95 mm	60.08 x 35.47 x 3.24 in. / 1525.95 x 900.85 x 82.27 mm
Total Net Weight		65.7 lbs. / 29.86 kg.	84.67 lbs. / 38.4 kg.	98.2 lbs. / 44.64 kg.	141.8 lbs. / 64.32 kg.
CONNECTIVITY	Input Terminals	Digital	HDMI 2.0 x2, DP 1.2 x1		
		Analog	N/A		
		Audio	N/A		
		External Control	LAN (100Mbit), 3.5mm Mini Jack IR Remote, RS-232C		
	Output Terminals	Data	USB 2.0 (5V/2A, Media PLayer)		
		Digital	N/A		
		Analog	N/A		
		Audio	3.5mm Mini Jack		
External Control	N/A				
Supported Operating Systems		Windows 10, 8, 7, Ubuntu 12.04, Linux, Android, Chrome OS, Mac OS X Yosemite (single touch support or multi-touch support through UIIO bridge)			
Ships With		3m Power cord, 2.0m HDMI cable, Wireless remote control, Batteries, Setup Guide			
Other Accessories		SDM-VICW-IS PC Option Card, SDM-VI3W-IS (49"+ Only), SDM-VISW-IS (49"+ Only), SDM-12GSDI Option Card, SDM-HDBT Option Card, Raspberry Pi Compute Module 4 with optional NEC Interface Board (MPI4E), Human Sensor (KT-RC3)			

**Solution Sizes Available**

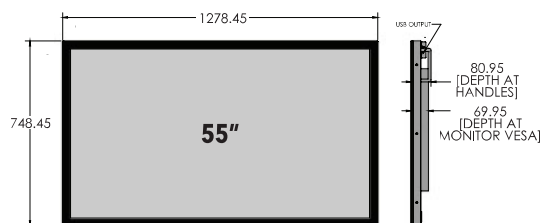
**M431-PT, MA431-PT, P435-PT**



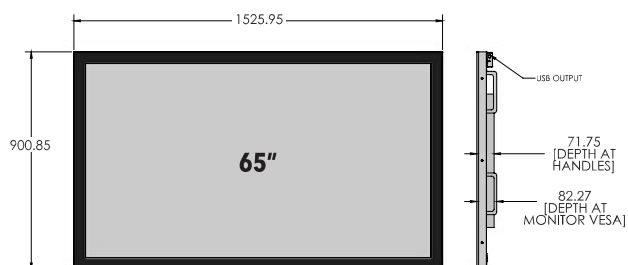
**M491-PT, MA491-PT, P495-PT**



**M551-PT, MA551-PT, P555-PT**



**M651-PT**



Dimensions shown in mm  
Projected Capacitive Touch Screen Overlay Patent Pending

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## Product Information

Product Name	NEC MultiSync® P495
Product Group	LCD 49" Professional Large Format Display
Order Code	60005049

## Display

Panel Technology	IPS with Edge LED backlights
Screen Size [inch/cm]	49 / 124.5
Aspect Ratio	16:9
Brightness [cd/m <sup>2</sup> ]	700
Contrast Ratio	≥ 8000:1 <sup>1</sup>
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Colour Depth [bn]	1.073 (10bit)
Colour Gamut	86% of DCI
Response Time (typ.) [ms]	8
Panel Refresh Rate [Hz]	60
Haze Level [%]	Pro (28)
Supported Orientation	Landscape, Portrait, Face Up, Face Down <sup>2</sup>

## Synchronisation Rate

Horizontal Frequency [kHz]	15 - 135
Vertical Frequency [Hz]	23 - 76

## Resolution

Native Resolution	3840 x 2160			
Supported Resolutions	7680 x 4320; 4096 x 2160; 3840 x 2160; 2560 x 1600;	2560 x 1440; 1920 x 2160; 1920 x 1080; 1600 x 1200;	1440 x 900; 1400 x 1050; 1366 x 768; 1360 x 768;	1280 x 1024; 1024 x 768

## Connectivity

Input Video Digital	2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)
Input Audio Digital	1 x DisplayPort; 2 x HDMI
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Input Data	1 x USB 2.0 (Downstream); 1 x USB 2.0 (Powered 5V/2A, Firmware Updates); 1 x USB 2.0 Type-B (Downstream)
Output Video Digital	1 x DisplayPort (loop through: DisplayPort, SDM slot-in PC); 1 x HDMI (loop through: HDMI, SDM slot-in PC)
Output Audio Analogue	1 x 3,5 mm jack
Output Control	1 x LAN 100Mbit
Input Detect	Custom; First; Last
PIP/PbP	Dual-Split; Quad-Split; scalable picture size

## Calibration

Factory Calibration	Gamma; Intensity; RGB; Uniformity; White Point
Sensor Calibration (through USB)	PC-less Calibration with USB Sensor MDSV Sensor3; White Copy (post self-calibration)
Calibration with Software	Corner Uniformity; Gamma; Intensity; RGB; Update Factory Calibration; White Point
Calibration Software	NEC Display Wall Calibrator

## Open Modular Intelligence

Intel® SDM	accepts Intel® Smart Display Modules Large and Small up to 66 W
Compute Module Slot	RPi Compute Module 4

## Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable

## Electrical

Power Consumption Eco/max. [W]	105 shipping
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)
Power Management	VESA DPMS
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]	1,103.4 x 636.2 x 61.1
Weight [kg]	22.9
Bezel Width [mm]	12 (top and bottom); 12.5 (left and right); 15.6 (bottom)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
Ingress Protection	IP5x (front); IP2x (back)
Packaging Dimensions (W x H x D) [mm]	1,298 x 860 x 224
Packaging Weight [kg]	29.8
Colour Bezel	Pantone 426M (black)
Material	Metal

## Available Options

Accessories	Feet (ST-401/ST-43M); Soundbar (passive: SP-PSCM-IQ / SP-PSCM); Speaker (SP-TF1, SP-RM3); Trolley (PDMHM-L); Wall mount (PDW C L and P, PD02W T M L, PD03W T M P)
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## Green Features

Energy Efficiency	Energy consumption: 106 kWh/1000 h; Energy efficiency class: G; LED backlight
Ecological Standards	EnergyStar 8.0

## Additional Features

Special Characteristics	DICOM Simulation; HDMI ARC; Powered USB Port (10 W); Removable Logo
Safety and Ergonomics	BSMI; CE; EAC; EMC Class B; Energy Star 8; FCC Class B; KC/KCC; PSB; RCM; RoHS; VCCI
Pixel Failure Class	ISO 9241-307, Class 1
Shipping Content	2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual
Warranty	3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension <sup>3</sup>
Operating Hours	24/7

External Control	AMX NetLinx Support; ASCII Control Commands; Crestron Connected; HDMI CEC; HTTP Browser; PJLink; Scheduled Timer; SNMP
Remote Management	Automated Email Alerts; NEC NaViSet Administrator 2
Security	Disable HW Buttons; Disable IR Functionality; Emergency Notification
Resistance to Fire	Metal backcover, plastic material certified acc. to UL94-5VB

<sup>1</sup> out of the box conditions, local dimming ON

<sup>2</sup> adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support

<sup>3</sup> please refer to terms and conditions of warranty extensions



RCM



CE



FCC Class B



RoHS



VCCI

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