

SHARP®

MultiSync® EA Series LED-backlit LCD Displays

DD-EA241F/DD-EA242F/DD-EA242W/
DD-EA271F/DD-EA272F



High-performance, LED-backlit LCD displays ideal for corporate environments

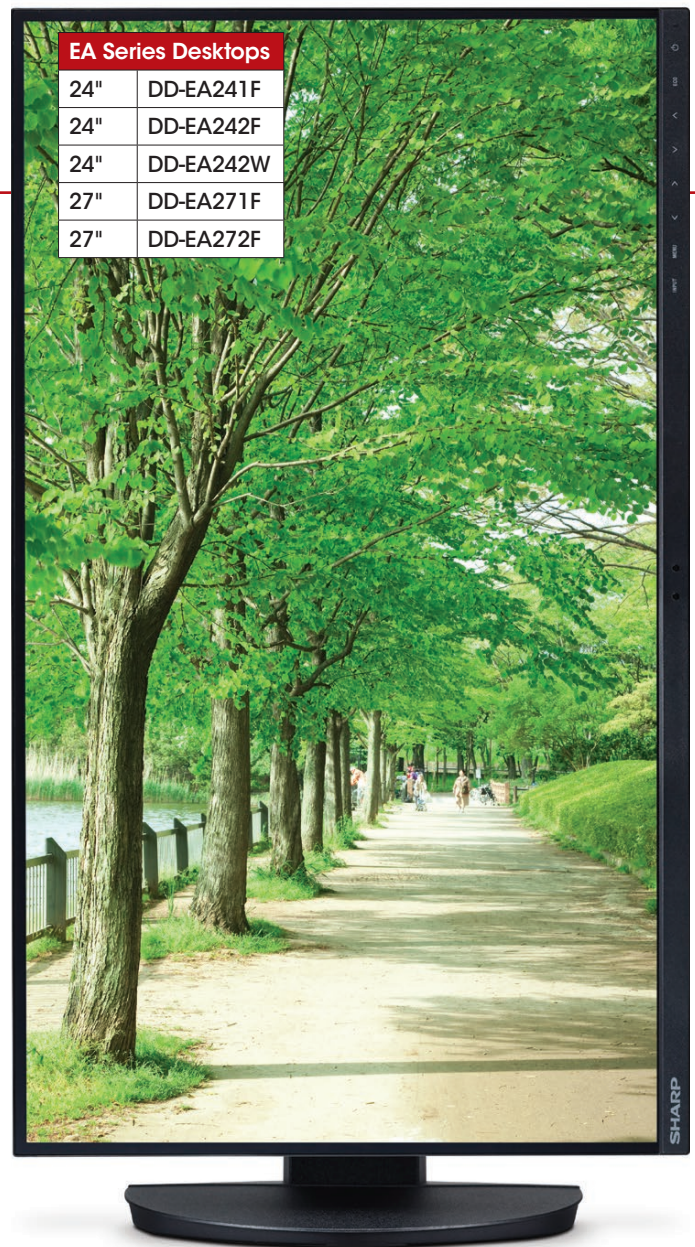
Reimagine your desktop computing experience

With the MultiSync® EA Series, Sharp has developed monitor solutions that push the boundaries of what you've come to know as business-class screen performance. The EA Series delivers a completely redesigned chassis with a host of enhanced features, advanced technologies, future-proof connectivity and environmentally friendly benefits. All models utilize IPS LCD panels, which boast the best possible colour accuracy and minimal viewing angle shift.

Every model features LED backlights, enabling a thin and light design. Other green features include ECO Mode™, a carbon footprint meter and an ambient light sensor, which automatically adjusts the brightness to the optimal setting depending on ambient lighting, screen content or both, conserving power up to 87% compared to typical energy consumption. In addition, the human sensor detects user activity in front of the monitor and reduces display by power up to 95% with inactivity.

The groundbreaking ControlSync™* technology allows users to control up to six select MultiSync EA Series units in a multi-monitor configuration. Upon establishing one unit as the master, you will be able to simultaneously control many performance attributes of the multi-monitor setup through the master monitor.

*EA242W is not supported



Highlights

- 1.0mm or smaller ultra-narrow bezels let you focus on your work and are ideal for multiple monitor configurations
- USB Type-C port* gives flexibility to connect to multiple platforms (EA242W, EA242F, EA272F)
- USB Type-C input* charges a mobile device while showing video and using USB (EA242W, EA242F, EA272F)
- Includes Sharp's own ControlSync** technology to allow users to easily control multiple Sharp displays.
- Four-way ergonomic stand boasts pivot, tilt, swivel and height adjustment to maximize your viewing comfort
- Touch-sensitive OSD® controls are integrated into the bezel, making display adjustments easier than ever
- Integrated USB hub easily connects you to your peripherals
- DisplayPort 1.2 out for convenient multi-monitor connectivity (EA242W, EA242F, EA272F)
- ENERGY STAR® compliance reduces electrical costs and lowers the total cost of ownership

*Select models
**EA242W is not supported



MultiSync EA Series Features

Multiple Monitor Technologies

The ground breaking ControlSync™* technology allows users to control up to six select MultiSync EA Series units in a multi-monitor configuration. Upon establishing one unit as the master, you will be able to simultaneously control many performance attributes of the multi-monitor setup through the master monitor. ControlSync enables multi-monitor setups of up to six monitors and controls up to 26 settings.

*Select models

Comprehensive Input Panel

DisplayPort, USB-C*, HDMI, DVI-D* and 15-pin VGA*, as well as USB hubs connect you to the latest peripherals and future-proofs your investment.

*Select models

USB-C Connectivity*

USB-C helps optimize connectivity and declutter the workspace by replacing video, audio, power, and USB cabling with just a single cable to connect and charge a notebook, tablet PC, or mobile device with the display. (EA242W, EA242F, EA272F)

*Select models



Power-Saving Features

Include ECO Mode™, a carbon footprint meter and an ambient light sensor, which automatically adjusts the brightness to the optimal setting depending on ambient lighting, screen content or both, conserving power by up to 87% compared to typical energy consumption. In addition, the human sensor detects user activity in front of the monitor and reduces display power by up to 95% with inactivity.



Adjustable for Every Workspace

Four-way ergonomic stand boasts pivot, tilt, swivel and height adjustment up to 130mm to maximize your viewing comfort. In addition, Space-saving multimedia speakers are hidden to maintain the monitor's aesthetic appeal (headphone jack is also included).



Smart Sensing Technologies

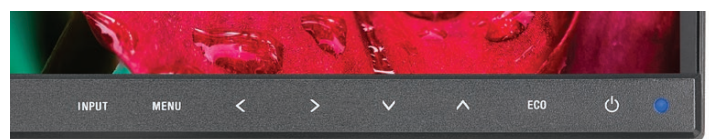
Smart sensing technology includes ambient light and human sensors, which considerably reduce power consumption by automatically detecting your work conditions and adjusting to the proper display brightness or entering Power Saving Mode.



IT-Friendly Features

Customize Setting allows both users and IT administrators to set and restore preferred settings with just one touch, contributing to a free-seating business environment.

The optional NaViSet™ Administrator 2.0 software offers an intuitive graphical interface, allowing for easy adjustment of display settings via mouse and keyboard. NaViSet Administrator provides all the advanced control to remotely located IT professionals.



Model		DD-EA241F	DD-EA242F	DD-EA242W	DD-EA271F	DD-EA272F	
Display	Panel Technology			IPS			
	Viewable Image Size	23.8"		24.1"	27"		
	Active Screen Area	20.7 x 11.7 in. / 527.0 x 296.5 mm		20.4 x 12.7 in. / 518.4 x 324.0 mm	23.5 x 13.2 in. / 597.9 x 336.3 mm		
	Aspect Ratio	16:9		16:10	16:9		
	Native Resolution	FHD 1920x1080		WUXGA 1920x1200	FHD 1920x1080		
	Pixel Pitch	0.275mm		0.27mm	0.31mm		
	Pixels Per Inch (at native resolution)	93 @ native resolution		94 @ native resolution	82 @ native resolution		
	Backlight Type			LED			
	Brightness (typical)	250 cd/m ²		300 cd/m ²	250 cd/m ²		
	Contrast Ratio (typical)			1,000:1			
Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>=10						
Response Time (typical)	6ms						
Displayable Colours				More than 16.7 million			
Colour Gamut*	Adobe RGB Coverage/Size**	Adobe RGB Coverage/Size: 73.6% / 75.3%, NTSC Coverage/Size: 69.5% / 72.0%, sRGB Coverage/Size: 95.1% / 101.6%		Adobe RGB Coverage/Size: 77.0% / 79.3%, NTSC Coverage/Size: 73.1% / 75.7%, sRGB Coverage/Size: 99.8% / 106.9%	Adobe RGB Coverage/Size: 73.5% / 75.5%, NTSC Coverage/Size: 69.5% / 72.1%, sRGB Coverage/Size: 95.1% / 101.6%		
	ControlSync (In/Out)						
Synchronization Range	Horizontal (Analog/Digital)	31.5-83kHz		31.5-77kHz	31.5-83kHz		
	Vertical	50-75Hz		50-60Hz	50-75Hz		
Connectivity	Hub	Data	USB-A 3.1 (Downstream) x3, USB-B (Upstream), ControlSync (In/Out)	USB-A 3.1 (Downstream) x3, USB-B, USB-C (Upstream), ControlSync (In/Out)	USB-A 3.1 (Downstream) x2, USB-C (Upstream), LAN	USB-A 3.1 (Downstream) x3, USB-B (Upstream), ControlSync (In/Out)	
		Power Delivery	N/A	65W		N/A	65W
	Input Connectors	RGB (analog)	VGA 15-pin D-sub		N/A	VGA 15-pin D-sub	
		Audio 1	Stereo Mini Jack		N/A	Stereo Mini Jack	
		RGB1 (digital)			HDMI		
	Output Connectors	RGB2 (digital)			DisplayPort		
		RGB3 (digital)	DVI-D	USB-C	USB-C	DVI-D	USB-C
		Audio Out	DisplayPort		Stereo Mini Jack	DisplayPort	
Monitor Out			DisplayPort				
Power Consumption	On	15W		19W	17W	19W	
	Power Savings Mode (typical)	0.29W		0.3W	0.27W	0.3W	
	Input Current	0.9A		1.4A	0.9A	1.4A	
	Power Requirements			100-240V AC, 50/60 Hz			
Physical Specifications	Dimensions (WxHxD)	With stand	21.2 x 13.3-19.2 x 9.8 in. / 537.7 x 336.6-486.6 x 250 mm	20.9 x 14.4-20.3 x 9.8 in. / 531.5 x 365.3-515.3 x 250.0 mm	24.0 x 14.9 - 20.8 x 9.8 in. / 610.2 x 377.3 - 527.3 x 250 mm		
		Without stand	21.2 x 12.6 x 1.8 in. / 537.7 x 319.1 x 45.6 mm	20.9 x 13.7 x 1.9 in. / 531.5 x 347.8 x 47.6 mm	24 x 14.2 x 1.8 in. / 610.2 x 359.8 x 45.6 mm		
	Net Weight	With stand	13.4 lbs. / 6.1 kg	15.4 lbs. / 7.0 kg	14.8 lbs. / 6.7 kg	16.8 lbs. / 7.6 kg	20.3 lbs. / 9.2 kg
		Without stand	7.9 lbs. / 3.6 kg	9.9 lbs. / 4.5 kg	9.3 lbs. / 4.2 kg	11 lbs. / 5 kg	12.8 lbs. / 5.8 kg
VESA Hole Configuration			100 x 100 mm				
Environmental Conditions	Operating Temperature			41-95°F / 5-35°C			
	Operating Humidity			20-80%			
	Operating Altitude			16,404 ft. / 5,000m			
	Storage Temperature			14-140°F / -10-60°C			
	Storage Humidity			10-85%			
Environmental Compliance	Storage Altitude			40,000 ft. / 12,192m			
	ENERGY STAR			8			
	TCO			9			
Additional Features	RoHS Tilt, Swivel, Pivot, Height-adjustable stand, ControlSync, Customize Setting, Integrated speakers, 3-port USB 3.1 hub, LED backlight, Auto brightness with ambient light sensor, Human sensor, ECO Mode, Carbon footprint meter, Resettable cost meter, Ultra-narrow bezel, Carrying handle, Carrying handle, Rapid Response, Ambix, XtraView, Hot Key, Touch OSD controls, OSD Lock Out, Cable management, Dynamic Visual Mode (Standard, Text, Movie, Gaming, Photo, Dynamic), NaViSet software, VESA mount, HDCP, DDC/CI, No Touch Auto Adjust, Plug and Play (VESA DDC2B), VESA DPMS power management, AccuColor colour control, Digital smoothing, Digital controls, ISO 9241-307 Class I, DICOM SIM						
Ships With Limited Warranty	Setup sheet, User manual, Power cord, DisplayPort cable, USB A-B cable, ControlSync cable, Stand 3 years						

Comprehensive input panel (select models)



EA242W

USB 3.0 hub (select models)



4-way adjustable stand



Touch-sensitive OSD controls



Thin, lightweight design with integrated speakers



Ambient and human sensors



Visit www.sharp.ca for details.



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