



The Sharp® PN-G655 Series professional LCD monitors, with large 65" screen size class screen brings images to life with full 1920 x 1080 / 1080 x 1920 (2-megapixel) high definition resolutions. The PN-G655U is optimized for landscape mode applications; the PN-G655RU is specially designed for portrait mode use. Both models offer superior performance for use in a wide range of commercial settings including teleconferencing, medical imaging, CAD/simulation, digital signage, corporate headquarters, conference facilities, university research, lecture halls, NOC / control rooms, GIS global information systems, training, banking, finance, retail, hospitality, broadcast production, airport displays, sports arenas, entertainment, house-of-worship and rental/staging.

Features:

65" Sharp 1080p Full HD ASV (advanced super view) Normally Black TFT LCD [screen size 64 17/32" measured diagonally] proprietary technology contributes to crisp text, virtually no burn-in, longevity and reliability; reduces potential for bright pixel elimination.

Utilizes State-of-the-Art LCD Component Panels manufactured at Sharp's world renowned Kameyama Plant in Japan.

High Definition (native 1920 x 1080 resolution) the "future proof" landscape mode (PN-G655U) has full 2-megapixel, 1920 x 1080 resolution (true 16:9 aspect ratio), while the portrait mode PN-G655RU has full 2-megapixel, 1080 x 1920 resolution. Both offer exceptionally accurate and precise image reproduction with 2000:1 contrast ratio and 6ms response time. These are among the only professional large-format LCD monitors capable of displaying full native 1920 x 1080 / 1080 x 1920 resolution from analog RGB, digital RGB and HD video sources.

Rugged Enclosure with commercial design and components [including black metal cabinet and unique "fan-less" architecture with temperature sensor] offers superior reliability for extended use 24/7 applications.

DFE Dual Fine Engine provides superior display of both digital and analog sources in full spec 1080p high definition.

Diagnostic RS-232C Central Control permits the PN-G655 series monitors to be fully and easily controlled, monitored, and have diagnostics performed from a central remote location. These monitors also feature a scheduling function to set up to 8 scheduled events in a daily or weekly cycle, or for one-time operation.

Full Complement of Commercial Features including built-in enlargement function to create "2x2", "3x3", "4x4" and "5x5" video walls from a PC, as well as "Picture-in-Picture" and "Picture-by-Picture" capabilities. These models also offer a Lockable Key Panel, Power On Delay function and extensive color adjustments.

Optional AN-65SP1 Ultra-Slim Stereo Speaker System specifically designed to attach across the bottom of the PN-G655U (landscape mode) monitor. The AN-65SP1 turns the LCD monitor into a complete turnkey AV solution.

3-Year On-Site Parts, Labor and Backlight Limited Warranty*

Specifications

Models	PN-G655U (Landscape Mode)	PN-G655RU (Portrait Mode)
Screen Size Class (measured diagonally)	65" [actual screen size 64 17/32"]	
Resolution	1920 x 1080 dots (2 megapixel)	1080 x 1920 dots (2 megapixel)
LCD / Brightness	ASV AGLR	
Pixel Pitch	0.744 x 0.744 mm	
Display Colors	16.77 million (8 bit)	
Brightness	450 cd/m ²	
Contrast Ratio / Response Time (Average)	2000:1 / 6ms	
Support Resolutions - PC Analog and Digital	VGA, SVGA, XGA, SXGA, WVGA (848 x 480), WXGA (1280 x 768, 1360 x 768), 1280 x 960, 1920 x 1080	
User Controls	OSD (On Screen Display); Remote control; RS-232C (includes support of power-off command)	
Input - Video	DVI-D (24 pin) HDCP compatible [DVI 1.0]; RGB (mini D-sub 15 pin); RGB (BNC x 5) ^{*1} ^{**} Component (Y, Pb/Cb, Pr/Cr:BNC) ^{**2} (480i/P, 576i/P, 720P, 1080i); Composite (BNC)	
Input - Serial	RS-232C (9-pin D-sub)	
Input - Audio	Stereo Audio Line-in for AV (RCA L/R); Stereo Audio Line-in for PC (3.5mm stereo mini jack)	
Outputs	DVI-D ^{*3} , RS-232C (9 Pin D-sub), Audio RCA L/R (Variable or fixed)	
Speaker Out	L/R push-release speaker terminals (7W + 7W Audio Output, minimum 6Ω)	
Remote Control	Yes (IR)	
Plug & Play	DDC2B	
Power Management	VESA DPMS, DVI DMPM	
Daisy Chain Connection	Yes by DVI-D, up to five monitors	
Status Monitoring	Yes by RS-232C	
PIP / PbyP	Yes (sub-screen's size is variable)	
Enlargement for Video Wall Capability	PC signal only 2 x 2, 3 x 3, 4 x 4, 5 x 5 (separate video signal splitter is required for 3 x 3, 4 x 4 and 5 x 5 or RGB analog)	
Cabinet	Black cabinet finish. Front: Resin; Back: Metal rear enclosure	
Fan	No (fan-less architecture)	
Handle	Yes	
Mounting Position / Mounting Method	Landscape – Four Points (440 x 650 mm, M10 screw)	Portrait – Four Points (650 x 440 mm, M10 screw)
Power Consumption	550W	560W
Operating Consumption	0°C to 40°C	
Operating Humidity	20% to 80% (non-condensing)	
Power Voltage	120 VAC, 60 Hz	
Included Accessories	Power cable, remote control, temporary stand, utility disk (CD-ROM), operation manual	
Optional Accessories	AN-65SP1 (high quality audio loudspeaker attaches across bottom of PN-G655U); AN-LS1 (ethernet to RS-232C network converter); AN-65AG1 (flat wall-mount bracket)	AN-LS1 (ethernet to RS-232C network converter)
Limited Warranty	3-year on-site parts, labor and backlight (Landscape Mode) from date of purchase ^{**4}	3-year on-site parts, labor and backlight (Portrait Mode) from date of purchase ^{**4}
Dimensions (w x h x d) (in inches/mm)	61.9 x 36.3 x 5.0 / 1572 x 923 x 126	36.3 x 61.9 x 5.9 / 923 x 1572 x 150
Weight (in pounds/Kg)	143.3 / (65 kg) without stand (approximate)	145.5 / (66 kg) without stand (approximate)
UPC	074000046689	074000046733
Also Available	PN-G655UP (UPC - 074000046757) (same as PN-G655U with integrated protective acrylic overlay)	PN-G655RUP (UPC - 074000046719) (same as PN-G655RU with integrated protective acrylic overlay)

Speaker Assembly	AN-65SP1
System Type	Stereo 2-way, dual 3-1/2" woofers with 3/4" textile dome tweeter
Construction / Finish	Damped heavy-gauge steel chassis with molded endcaps
Finish	Black fabric wrap with black textured end caps
Mounting	Steel brackets (included) attach directly to the bottom of bezel
Impedance	8 ohms
Sensitivity	90 dB @ 1 watt / 1 meter
Maximum Output / Range	98 dB program per channel
Range	130 Hz - 20 kHz +/- 3 dB
Dispersion	120°H x 100°V
Dimensions (w x h x d) (in inches) / Weight	61.9 x 4.0 x 2.1 / 19 lbs. with brackets; 17.5 lbs. without brackets
Carton Dimensions (w x h x d) (in inches)	64 x 6 x 6
Shipping Weight (in pounds)	21
UPC	074000046634



PN-G655U shown with optional AN-65SP1 speaker assembly.

^{*1} Connectors are common between RGB (BNC x 5) and component (Y,Pb/Cb,Pr/Cr:BNC)
^{**2} Does not support plug and play. May not support 1920 x 1080 resolution depending on graphic card.
^{**3} Connection is allowed with an HDCP-compatible device only. Does not support Repeater control function.
^{**4} See warranty statement included with the product or available as a PDF download at www.sharppusa.com.

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