WXGA
1280×800

The Sharp XG-C455W offers exceptionally high performance, flexibility and image quality. With 1280 x 800 WXGA native resolution, the XG-C455W is able to provide full display of XGA, 720p HDTV, as well as 1280 x 800 WXGA from the newest generation PCs. Utilizing three Polysilicon LCDs, and with 4000 ANSI Lumens, the XG-C455W projects brilliant, uniform, high quality images for use in most any educational, corporate, government or house of worship setting.

Extensive connectivity includes built-in LAN (RJ-45) terminal, two 15-pin RGB inputs (for use with computer or component sources), DVI-D input with HDCP compatibility and independent composite and S-Video inputs. Four discrete stereo audio inputs are provided, as well as selectable variable or fixed audio line-out. Additionally, there is RS-232C control, RGB loop-through, and a port for "wired" remote control.

Projection flexibility is foremost. In addition to the included standard zoom lens, four optional lenses are available. Plus, with Sharp's rapid release lens mechanism, lens changes are quick and virtually effortless.

Features:

WXGA (1280 x 800) for use with standard XGA data and video, 1280 x 720 HDTV (16:9 aspect ratio) and "pixel perfect" 1280 x 800 (16:10 aspect ratio) from the newest generation PCs.

High Brightness with 4000 ANSI Lumens

3-LCD Technology for superior color accuracy and image detail.

Full Complement of Inputs including two 15-pin RGB inputs which permit direct connection of two PCs (or component sources). A **DVI-D input with HDCP compatibility** provides further PC/Video connectivity.

RGB loop-through enables connection to a desktop monitor or a second projector. Separate and independent composite and S-Video inputs enable the connection of two video sources.

Four Discrete Audio Inputs are provided for use with two RGB and two video sources.

Selectable Variable or Fixed Audio Line Out for use with external sound systems and powered loudspeakers.

Extensive Security Features including Kensington® lock compatibility, system lock function, theft monitoring over LAN, ceiling lock-down structure, and optional security cable kit for use with ceiling mount.

Rapid Release Lens Mechanism enables the standard included lens to be easily replaced with one of four additional, optional special application lenses.

Convenient Side-Access to Lamp and Filters ensures easy maintenance – even when ceiling mounted.

RJ-45 LAN Terminal for remote control, monitoring and projector management. Built-in web browser allows direct IP addressing from virtually anywhere on the network.

Screen Size and Projection Distance

16:10 Signal Input (Normal Mode)

Picture (Screen) Size			Projection Distance [L]		Distance from the Lens Center to the bottom of the image [H]
Diag. [x]	Width	Height	Minimum [L1]	Maximum [L2]	
500"	424	265	61' 7"	73' 11"	-6 5/16"
400"	339	212	49' 3"	59' 2"	-5 3/64"
300"	254	159	37' 0"	44' 4"	-3 51/64"
250"	212	132	30' 10"	37' 0"	-3 5/32"
200"	170	106	24' 8"	29' 7"	-2 17/32"
150"	127	79	18' 6"	22' 2"	-1 57/64"
120"	102	64	14' 9"	17' 9"	-1 33/64"
100"	85	53	12' 4"	14' 9"	-1 17/64"
80"	68	42	9' 10"	11' 10"	-1 1/64"
60"	51	32	7' 5"	8' 10"	-0 49/64"
40"	34	21	4' 11"	5' 11"	-0 1/2"

4:3 Signal Input (Normal Mode)

Picture (Screen) Size			Projection Distance [L]		Distance from the Lens Center to the bottom of the image [H]
Diag. [x]	Width	Height	Minimum [L1]	Maximum [L2]	
400"	320	240	55' 9"	66' 11"	-5 23/32"
300"	240	180	41' 10"	50' 3"	-4 19/64"
250"	200	150	34' 10"	41' 10"	-3 37/64"
200"	160	120	27' 11"	33' 6"	-2 55/64"
150"	120	90	20' 11"	25' 1"	-2 9/64"
120"	96	72	16' 9"	20' 1"	-1 23/32"
100"	80	60	13' 11"	16' 9"	-1 7/16"
80"	64	48	11' 2"	13' 5"	-1 9/64"
70"	56	42	9' 9"	11' 9"	-1"
60"	48	36	8' 4"	10' 1"	-0 55/64"
40"	32	24	5' 7"	6' 8"	-0 37/64"

Specifications

Model Number		XG-C455W
Display Device		0.74" LCD panel x3
Native Resolution		WXGA (1280 x 800)
Brightness		4,000 ANSI lumens
Contrast ratio		450:1
Lens	F number	F 1.7 ~ 1.9
	Zoom	Manual, x1.2 (f = 28.0 ~ 33.6mm)
	Focus	Manual
	Optional Lens Compatibility	Compatible with all optional lenses for use with XG-"C" Series Projectors
Picture size		40" to 500"
Input signals	Computer RGB	UXGA *1, *2, SXGA+ *1, *2 / SXGA *1 / WXGA / XGA / SVGA / VGA Mac 21" / 19" / 16" / 13"
	DTV	1080P / 1080I / 720P / 576P / 576I / 540P / 480P / 480I / NTSC / PAL / SECAM
Input terminals	DVI-D (Compatible with HDCP)	x 1
	Computer / Component (mini D-sub 15 pin)	x 2
	S-Video (mini DIN 4 pin)	x 1
	Video (RCA)	x 1
	Audio (3.5mm stereo minijack)	x 2
	Audio (RCA)	x 2 (L/R)
Output terminals	Computer / Component (mini D-sub 15 pin)	x 1
	Audio (3.5mm stereo minijack)	x 1 (selectable fixed or variable audio line-output)
Control and communication terminals	LAN (RJ-45)	x 1
	USB (Type B)	x 1
	RS-232C (mini DIN 9 pin)	x 1
	Wired Remote (3.5mm stereo minijack)	x 1
Horizontal and vertical frequency		15 - 110 kHz (Horizontal) / 43 - 85 Hz (Vertical)
Audio system		2W (Mono)
Fan noise		37dB (Bright), 32dB (Eco+Quiet)
Projection lamp		AN-C430LP or AN-C430LP/1 275 W (User Replaceable)
Lamp life*3		2000 hours (Standard Mode) / 3,000 hours (Eco+Quiet)
On-screen display languages		English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, simplified Chinese, Korean, Japanese
Rated voltage, frequency and input current		AC100 ~ 240V, 50/60 Hz, 3.6 A
Power consumption (Standby)		360 W (3.4 W) with AC 100V, 345 W (4.4 W) with AC 240V
Operation temperature		41°F to 95°F (+5 to +35)
Cabinet		Plastic
Dimensions (main body only) WxHxD		12-27/32" x 4" x 11-1/64" (326 x 101.5 x 279.5 mm)
Weight (approx.)		10.8 lbs. (4.9 kg)
Supplied Accessories		Remote control, Two R-6 batteries, Power cord (6' [1.8m]), RGB cable (10' [3.0m]), DIN-D-sub RS-232C adapter (5-57/64" (15cm)), Lens cap (Attached), Storage case, Operation manual, CD-ROM
Optional Accessories		AN-C600WCC hard sided carrying case with wheels; AN-C600SC ATA shipping case with wheels; AN-XGCM55 ceiling mount; AN-CMCSS16 16" security cable system for ceiling mount; AN-CMCSS46 46" security cable system for ceiling mount; AN-C3CP2 10' component (3-RCA to 15-pin HD cable; AN-JT200 angle-mount joint for ceiling mount; AN-MR2 remote IR receiver (for presentation control). AN-C430LP or AN-C430LP/1 user replaceable 275 Watt replacement lamp. Optional Lenses: AN-C12MZ (short throw), AN-C18MZ (telephoto zoom); AN-C27MZ (telephoto zoom), AN-C41MZ (telephoto zoom).
Limited Warranty*4		2 years parts/labor including 2 years of Sharp ER 24-hour turnaround Express Repair. 90-day lamp warranty.
UPC		74000365612

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*1 Compatible with ImageACE resizing

*2 Compatible with analog signal

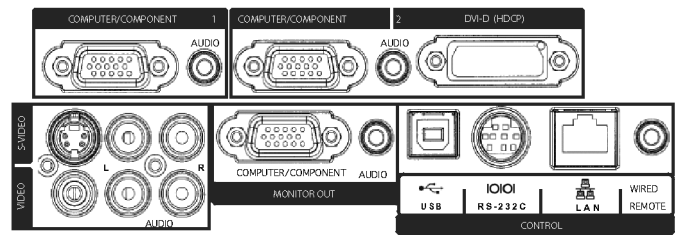*3 Up to 3000 hours lamp life in low power ("eco + quiet") mode; up to 2000 hours lamp life in standard mode.

*4 See warranty statement included with product, or as PDF download at www.sharpusa.com

Lens Chart (Manual Zoom / Focus)

Lens Model #	Lens Type	Aperture (F)	Focal Length	Zoom Ratio	Throw Ratio
Standard Lens included with projector	Standard Zoom	1.7 - 1.9	28 - 33.6 mm	1.2x	1.8 - 2.1
AN-C12MZ	Short Throw	2.2 - 2.7	24.5 - 30.7 mm	1.3x	1.5 - 1.9
AN-C18MZ	Telephoto Zoom	1.7 - 2.2	36.5 - 46.3 mm	1.3x	2.2 - 2.8
AN-C27MZ	Telephoto Zoom	2.0 - 2.8	53.8 - 82.9 mm	1.5x	3.3 - 5.1
AN-C41MZ	Telephoto Zoom	2.1 - 2.8	83.5 - 117.2 mm	1.4x	5.2 - 7.2

Rear Terminal Panel