# SHARP



Sharp's New Projectors with High Brilliance and Multiple Complement of Inputs Supports a Wide Range of Business, School, and Personal Applications









## High Brightness Projector with HDMI Terminal

#### 3,000 Lumen High Brightness

Sharp's advanced optoelectronics technology maximizes light output, providing crystal clear images in high brightness of 3,000 lumens.

#### **HDMI** Terminals

Digital-to-digital connection can be made simply by using a cable, delivering high-quality reproduction

#### A Variety of Basic Features

#### BrilliantColor™ Technology with Six-Segment Color Wheel

BrilliantColor<sup>™</sup> technology improves picture brilliance particularly for intermediate colors providing natural, detailed images.

#### 1.2x Optical Zoom for Flexible Installation

With 1.2X optical zoom, the screen can be enlarged about 40% while maintaining the picture quality. Picture projection can be easily adjusted in various situations.

#### **Presentation Assist Remote Control**

With the GUI pointer, five different icons can be displayed to effectively use for your presentations. Three spotlight sizes, ranging from 1/25, 1/9 or 1/8 the screen provide visual effects to focus on a specified subject.

#### 3D Ready

Incorporating DLP® Link<sup>™</sup> technology, 3D image projections provide a wider range of applications, allowing fuller perception of images for presentations and various content.

## **Other Outstanding Features**

#### **OSD Setup Guide for Intuitive Operation**

The projector setup guide provides interactive on-screen images to display the next step for setup. (Focus, zoom and height adjustment)

#### Quick Menu OSD

The projectors are equipped with on-screen display quick menus to immediately set the resolution, keystone and Eco Mode.

#### **Wall Color Function**

This function allows you to project the image to a colored surface or wall\* without using a screen.

\* Blackboard (dark green), Whiteboard and colored wall (Green, Yellow green, Yellow, Orange, Pink, Purple, Blue, Greenish blue)

#### **Direct Power Off Switching**

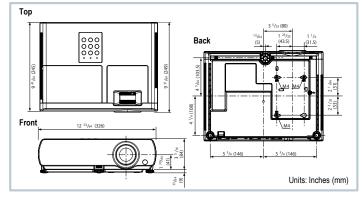
Direct Power Off lets users immediately unplug the projector and take it from its location. In addition, it also helps control the power simultaneously for multiple projectors by using the room's primary power switch with the auto restart function.

Rear Termina	als						
					COMPONENT 2   OR OUT AUDIO OUT	r (	<b>E)</b> RS-232C
Screen Size	and Projec	tion	Dist	ance (	4:3 Signa	l Input)	Distance from
Screen Size	and Projec	tion	Dist Picture s	Ì		l Input)	Distance from the lens center
	and Projec			Ì		• •	the lens center to the bottom
Screen Size a	and Projec	Diag. W	Picture s	ze	Projection	distance [L]	the lens center
Screen -	and Projec	Diag. W 300" 24	Picture s Vidth (cm)	ize Height (cm)	Projection Minimum [L1]	distance [L] Maximum [L2]	the lens center to the bottom of the image [H]
		Diag. W 300" 24 200" 16	Picture s Vidth (cm) 40" (610)	ize Height (cm) 180" (457)	Projection Minimum [L1] 38'9" (11.8m)	distance [L] Maximum [L2] 46'5" (14.2m)	the lens center to the bottom of the image [H] 6 <sup>23</sup> / <sub>32</sub> " (17cm)

# PG-SX80



#### Dimensions



#### Specifications

Display devices     0.55° DLP <sup>®</sup> chip x 1       Resolution     XGA (1024 x 788)       Brightness     3,000 lumens       Contrast ratio     2,000-1       Lens     F number       Zoom     Manual, x1.2 (Varificeal Lens)       Focus     Manual, x1.2 (Varificeal Lens)       Projection distance     40° (102 cm) to 300° (762 cm)       Projection distance     40°: 16 to 1.9 m, 100°: 3.9 to 4.7 m, 300°: 11.8 to 14.2 m       Input signals     Computer RGB     UXGA, WXGA+, SXGA, WXGA+, WXGA, XGA, SVGA, VGA       Mac 211     1080°, f362 cm)     100°       DTV     1080P, 10801, 10351, 720P, 576P, 5761, 540P, 480P, 480I       Input terminals     HDMI     x1       Computer / Component (mini D-sub 15-pin)     x2       Computer / Component (mini D-sub 15-pin)     x2       Output terminals     Computer / Component (mini D-sub 15-pin)       Audio (RCA)     x1       USB (Type A)     -       Audio (RCA)     x1       Output terminals     Computer / Component (mini D-sub 15-pin)       Audio (RCA)     x1       Audio (RCA)     x1       Audio (RCA)				
Brighness     3,000 lumens       Contrast ratio     2,000:1       Lens     F number     F2.5 to 2.7       Zoom     Manual, x1 2 (Varifocal Lens)       Focus     Manual, x1 2 (Varifocal Lens)       Projection distance     40° (102 cm) to 300° (762 cm)       Projection distance     40° (102 cm) to 300° (762 cm)       Input signals     Computer RGB     UXGA <sup>1</sup> , WSXGA <sup>4</sup> , SXGA, WXGA <sup>4</sup> , WXGA, XGA, XGA, XGA, YGA       Input signals     Computer RGB     UXGA <sup>1</sup> , WSXGA <sup>4</sup> , SXGA, WXGA <sup>4</sup> , WXGA, XGA, YGA, YGA       Input signals     Computer / Component (min D-sub 15-pin)     x1       Composite Video (RCA)     x1     Composite Video (RCA)       USB (Type A)     -     -       Audio (d & 3.5-mm stereo minijack)     x1     x1       Audio (d & 3.5-mm stereo minijack)     1 (variable audio output)     -       Control terminal     LAN (R):45)     -     -       Audio (d & 3.5-mm stereo minijack)     1 (va				
Contrast ratio     2,000:1       Lens     F number     F 2,50 2.7       Zoom     Manual (f = 21.8 to 25.6 nm)       Protection distance     40° (102 cm) to 300° (762 cm)       Projection distance     40° (102 cm) to 300° (762 cm)       Input signals     Computer RGB     UXGA <sup>*</sup> , WSXGA <sup>+</sup> , SXGA, WXGA <sup>*</sup> , WXGA, XGA, SVGA, VGA       Input signals     Computer RGB     UXGA <sup>*</sup> , WSXGA <sup>+</sup> , SXGA, WXGA <sup>*</sup> , WXGA, XGA, SVGA, VGA       Input terminals     HDMI     10800P, 10800, 10305, 1720P, 576P, 576I, 540P, 480P, 480I       Input terminals     HDMI     x1     2       Component (min D-sub 15-pin)     x2     2       Component (min D-sub 15-pin)     x2     2       Composite Video (RCA)     x1     2       Audio (d & 3.5-mm stereo minijack)     x1     1       Audio (d & 3.5-mm stereo minijack)     x1     1       Audio (d & 3.5-mm stereo minijack)     x1     1       Contrust reminal     LAN (RU/45)     -       Re-232C (D-sub 9-pin)     1 (Shared with computer / component (min 1D-sub 15-pin)     1 (Wariable audio output)       Control terminal     LAN (RU/45)     -     R				
Lens     F number     F 2.5 to 2.7       Zoom     Manual, x12 (Varifocal Lens)       Focus     Manual, x12 (Varifocal Lens)       Projection distance     40° (102 cm) to 300° (762 cm)       Projection distance     40°: 1.6 to 1.9 m, 100°: 33 to 4.7 m, 300°: 11.8 to 14.2 m       Input signals     Computer RGB     UXGA, WSKA+, SKA, MKA, WKA+, WKAA, XGA, SVGA, VGA       DTV     1080P, 10801, 10351, 720P, 576P, 576I, 540P, 480P, 480P       Input terminals     HDMI     x1       Composite Video (RCA)     x1     2       Quipter / Component (mini D-sub 15-pin)     x2     -       Composite Video (RCA)     x1     -       Audio (dy 3.5-mm stereo minijack)     1 (variable audio output)     -       Control terminal     Computer / Component (mini D-sub 15-pin)     1 (shared with computer / Componenent input 2, switchable)				
Zoom     Manual, x1.2 (Varifocal Lens)       Focus     Manual, x1.2 (Varifocal Lens)       Projection distance     40° (102 cm) b 300° (762 cm)       Projection distance     40°: 1.6 to 1.9 m, 100°: 3.9 to 4.7 m, 300°: 11.8 to 14.2 m       Input signals     Computer RGB     UXGA, VKSXGA+, SXGA, WXGA+, WXGA, XGA, SVGA, VGA       Mac 21°, Mac 16°, Mac 13°     [* Analog only]     [* Analog only]       DTV     1080P, 1080I, 1035I, 720P, 576P,				
Focus     Manual (f = 21.8 to 25.6 mm)       Projection distance     40° (102 cm) to 300° (762 cm)       Input signals     Computer RGB     UXGA, VXSAA, SXGA, VXGAA, *WXGA, XGA, SVGA, VGA       Input signals     Computer RGB     UXGA, VXSAA, SXGA, SXGA, VXGA, *WXGA, XGA, SVGA, VGA       Mac 21°, Mac 19°, Mac 16°, Mac 13°     [* Analog only ]     T       Input terminals     HDMI     1080P, 1080I, 1035I, 720P, 576I, 540P, 480P, 480I       Input terminals     Composite Video (RCA)     x1       Composite Video (RCA)     x1       USB (Type A)     -       Audio (\$ 2.5.mm stereo minijack)     x1       Audio (\$ 3.5.mm stereo minijack)     x1       Audio (\$ 3.5.mm stereo minijack)     x1       Audio (\$ 2.5.mm stereo minijack)     x1       Audio (\$ 3.5.mm stereo minijack)     x1       Audio (\$ 2.5.mm stereo minijack)     x1       Audio (\$ 2.5.mm stereo minijack)     x1       Audio (\$ 2.5.mm stereo minijack)     x1       Audio (\$ 4.5.mm stereo minijack)     x1       Audio (\$ 5.5.mm stereo minijack)     x1       Audio (\$ 4.5.mm stereo minijack)     x1       Audio (\$ 5.5.mm stereo minijack) <td></td>				
Picture size     40° (102 cm) to 300° (762 cm)       Projection distance     40°: 1.6 to 1.9 m, 100°: 33 to 4.7 m, 300°: 11.8 to 14.2m       Input signals     Computer RGB     UXGA, WXGA+, SXGA+, SXGA+, WXGA, XGA, SVGA, VGA       Input signals     DTV     1080P, 1080P, 1080I, 1035I, 720P, 576P, 576I, 540P, 480P, 480I       Input terminals     HDMI     x1       Composite Video (RCA)     x1       USB (Type A)     -       Audio (p 3.5-mm stereo minijack)     x1       Audio (g 3.5-mm stereo minijack)     x1       Audio (g 43.5-mm stereo minijack)     1 (variable audio output)       Control terminal     LAN (RU45)     -       RS-232C (D-sub 9-pin)     x1       Horizontal frequency     15 to 110 kHz       Audio system     -     -       Frojection lamp     7W (Mono)       <				
Projection distance     40°: 1.6 to 1.9 m, 100°: 3.9 to 4.7 m, 300°: 11.8 to 14.2 m       Input signals     Computer RGB     UXGA', WSXGA+, SXGA, SXGA, WXGA+', WXGA, XGA, VGA       DTV     1080P, 10801, 10351, 720P, 576P, 576I, 540P, 4800P, 4800       Input terminals     HDMI     x1       Computer / Component (mini D-sub 15-pin)     x2       Composite Video (RCA)     x1       USG (Type A)     -       Audio (\$ 3.5-mm stereo minijack)     x1       Audio (\$ 4.3.5-mm stereo minijack)     x1 (L/R)       Output terminals     Component (min D-sub 15-pin)       Audio (\$ 4.3.5-mm stereo minijack)     x1       Audio (\$ 4.3.5-mm stereo minijack)     1 (shared with component input 2, switchable)       Audio (\$ 4.3.5-mm stereo minijack)     1 (variable audio output)       Control terminal     LAN (RJ-45)     -       Res-232C (D-sub 9-pin)     x1       Horizontal frequency     45 to 85 Hz     2       Vertical frequency<				
Input signals     Computer RGB     UXGA', WSXGA+', SXGA, SXGA, WXGA, XGA, VGA, Mac 21', Mac 19', Mac 16', Mac 13' [* Analog only]       DTV     1080P, 1080I, 1035I, 720P, 576P, 576I, 540P, 480P, 480I       Input terminals     HDMI     x1       Computer / Component (mini D-sub 15-pin)     x2       Composite Video (RCA)     x1       USB (Type A)     -       Audio (\$ 40, 35-mm stereo minijack)     x1       Audio (\$ RCA)     x1       Computer / Component (mini D-sub 15-pin)     x2       Output terminals     Computer / Component (mini D-sub 15-pin)       Audio (\$ 40, 35-mm stereo minijack)     x1       Audio (\$ 25-mm stereo minijack)     x1       Audio (\$ 25-mm stereo minijack)     1 (variable audio output)       Control terminal     Computer / Component (mini D-sub 15-pin)       Res-232C (D-sub 9-pin)     x1       Horizontal frequency     1 (variable audio output)       Vertical frequency     45 to 85 Hz       Audio system     TW (Mono)       Fan noise     Eco+Quiet off / Eco+Quiet On       Projection lamp     230 W       On-screen display Inguages     English, German, Spanish, Dutch, French, Italian, Swedish,				
Mac 21*, Mac 19*, Mac 16*, Mac 13*     [* Analog only]       DTV     1080P, 1080I, 1035I, 720P, 576F, 576I, 540P, 480P, 480I       Input terminals     HDMI     x1       Computer / Component (mini D-sub 15-pin)     x2       Composite Video (RCA)     x1       USB (Type A)     -       Audio (\$ 3.5-mm stereo minijack)     x1       Audio (\$ 4.3.5-mm stereo minijack)     x1       Audio (\$ 4.3.5-mm stereo minijack)     x1       Audio (\$ 4.3.5-mm stereo minijack)     1 (variable audio output)       Control terminal     Component (mini D-sub 15-pin)       Audio (\$ 4.3.5-mm stereo minijack)     1 (variable audio output)       Control terminal     LAN (RJ-45)       RS-232C (D-sub 9-pin)     x1       Horizontal frequency     X1       Audio (\$ system     TN       Audio system     TN       Projection lamp     230 W       On-screen display Inguages     English, German,				
DTV     1080P, 1080I, 1035I, 720P, 576P, 576I, 540P, 480P, 480I       Input terminals     HDMI     x1       Computer / Component (mini D-sub 15-pin)     x2       Composite Video (RCA)     x1       USB (Type A)     -       Audio (\$ 3.5-mm stereo minijack)     x1       Audio (\$ 3.5-mm stereo minijack)     x1       Audio (\$ 6CA)     x1       Output terminals     Computer / Component (mini D-sub 15-pin)       Output terminals     Computer / Component (mini D-sub 15-pin)       Audio (\$ 6.3.5-mm stereo minijack)     1 (Shared with computer / component input 2, switchable)       Audio (\$ 6.3.5-mm stereo minijack)     1 (variable audio output)       Control terminal     LAN (RJ-45)     -       Rs-232C (D-sub 9-pin)     x1       Horizontal frequency     X1       Vertical frequency     45 to 8 Hz       Audio system     7W (Mono)       Fan noise     Eco+Quiet off / Eco+Quiet On       Projection lamp     230 W       On-secreen display Inguages     English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamesee, Simplified Chinesee, Korean, Japanese       Rated				
Input terminals     HDMI     x1       Composite // Component (mini D-sub 15-pin)     x2       Composite Video (RCA)     x1       USB (Type A)     -       Audio (\$ 3.5-mm stereo minijack)     x1       Audio (\$ 3.5-mm stereo minijack)     1 (Shared with computer / component input 2, switchable)       Audio (\$ 3.5-mm stereo minijack)     1 (variable audio output)       Control terminal     LAN (RJ-45)     -       RS-232C (D-sub 9-pin)     x1       Horizontal frequency     15 to 110 kHz       Vertical frequency     45 to 85 Hz       Audio system     TW (Mono)       Fan noise     Eco+Quiet off / Eco+Quiet On       Projection lamp     230 W       On-screen display Inguages     English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese       Rated frequency     50 / 60 Hz				
Computer / Component (mini D-sub 15-pin)     x2       Composite Video (RCA)     x1       USB (Type A)     -       Audio (\$ 3.5-mm stereo minijack)     x1       Audio (\$ 3.5-mm stereo minijack)     x1       Output terminals     Computer / Component (mini D-sub 15-pin)     1 (Shared with computer / component input 2, switchable)       Audio (\$ 3.5-mm stereo minijack)     1 (variable audio output)     -       Control terminal     LAN (RJ-45)     -       RS-232C (D-sub 9-pin)     x1     -       Horizontal frequency     15 to 110 kHz     -       Vertical frequency     45 to 85 Hz     -       Audio system     TW (Mono)     -       Fan noise     Eco+Quiet On     35 dB / 28 dB       Projection lamp     230 W     -       On-screen display Inguages     English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese       Rated requency     50 / 60 Hz     -				
Composite Video (RCA)   x1     USB (Type A)   -     Audio (\$\phi 3.5-mm stereo minijack)   x1     Audio (\$\phi 3.5-mm stereo minijack)   x1     Audio (\$\phi 3.5-mm stereo minijack)   x1 (L/R)     Output terminals   Computer / Component (mini D-sub 15-pin)     Audio (\$\phi 3.5-mm stereo minijack)   1 (Shared with computer / component input 2, switchable)     Audio (\$\phi 3.5-mm stereo minijack)   1 (variable audio output)     Control terminal   LAN (RJ-45)   -     RS-232C (D-sub 9-pin)   x1   -     Horizontal frequency   15 to 110 kHz   -     Vertical frequency   45 to 85 Hz   -     Audio system   -   7W (Mono)     Fan noise   Eco+Quiet On   35 dB / 28 dB     Projection lamp   230 W   -     On-screen display Inguages   English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese     Rated frequency   50 / 60 Hz				
USB (Type A)   -     Audio (\$\$ 3.5-mm stereo minijack)   x1     Audio (\$\$ CA)   x1 (L/R)     Output terminals   Computer / Component (mini D-sub 15-pin)   1 (Shared with computer / component input 2, switchable)     Audio (\$\$ 3.5-mm stereo minijack)   1 (variable audio output)     Audio (\$\$ 3.5-mm stereo minijack)   1 (variable audio output)     Control terminal   LAN (RJ.45)   -     RS-232C (D-sub 9-pin)   x1     Horizontal frequency   15 to 110 kHz     Vertical frequency   45 to 85 Hz     Audio system   7W (Mono)     Fan noise   Eco+Quiet off / Eco+Quiet On     Projection lamp   230 W     On-screen display Inguages   English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese     Rated voltage   Act100 to 240 V     Rated frequency   50 / 60 Hz				
Audio (# 3.5-mm stereo minijack)     x1       Audio (RCA)     x1 (L/R)       Output terminals     Computer / Component (mini D-sub 15-pin)     1 (Shared with computer / component input 2, switchable)       Audio (# 3.5-mm stereo minijack)     1 (Variable audio output)     1 (variable audio output)       Control terminal     LAN (RJ-45)     -       RS-232C (D-sub 9-pin)     x1       Horizontal frequency     15 to 110 kHz       Vertical frequency     45 to 85 Hz       Audio system     7W (Mono)       Fan noise     Eco+Quiet off / Eco+Quiet On       Projection lamp     230 W       On-screen display Inguages     English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese       Rated voltage     AC100 to 240 V				
Audio (RCA)     x1 (L/R)       Output terminals     Computer / Component (mini D-sub 15-pin)     1 (Shared with computer / component input 2, switchable)       Audio ( \$\phi 3.5-mm stereo minijack)     1 (variable audio output)       Control terminal     LAN (RJ-45)     -       RS-232C (D-sub 9-pin)     x1       Horizontal frequency     15 to 110 kHz       Vertical frequency     45 to 85 Hz       Audio system     7W (Mono)       Fan noise     Eco+Quiet off / Eco+Quiet On       Projection lamp     230 W       On-screen display Inguages     English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese       Rated voltage     Ac100 to 240 V				
Output terminals     Computer / Component (mini D-sub 15-pin)     1 (Shared with computer / component input 2, switchable)       Audio ( \$\phi\$ 3.5-mm stereo minijack)     1 (variable audio output)       Control terminal     LAN (RJ-45)     -       RS-232C (D-sub 9-pin)     x1       Horizontal frequency     15 to 110 kHz       Vertical frequency     45 to 85 Hz       Audio system     7W (Mono)       Fan noise     Eco+Quiet off / Eco+Quiet On       Projection lamp     230 W       On-screen display Inguages     English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese       Rated voltage     Ac100 to 240 V       Rated frequency     50 / 60 Hz				
Audio (\$\phi\$ 3.5-mm stereo minijack)   1 (variable audio output)     Control terminal   LAN (RJ-45)     RS-232C (D-sub 9-pin)   x1     Horizontal frequency   15 to 110 kHz     Vertical frequency   45 to 85 Hz     Audio system   7W (Mono)     Fan noise   Eco+Quiet off / Eco+Quiet On     Projection lamp   230 W     On-screen display Inguages   English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese     Rated voltage   AC100 to 240 V     Rated frequency   50 / 60 Hz				
Control terminal   LAN (RJ-45)   -     RS-232C (D-sub 9-pin)   x1     Horizontal frequency   15 to 110 kHz     Vertical frequency   45 to 85 Hz     Audio system   7W (Mono)     Fan noise   Eco+Quiet off / Eco+Quiet On     Projection lamp   230 W     On-screen display Inguages   English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese     Rated voltage   AC100 to 240 V     Rated frequency   50 / 60 Hz				
RS-232C (D-sub 9-pin)   x1     Horizontal frequency   15 to 110 kHz     Vertical frequency   45 to 85 Hz     Audio system   7W (Mono)     Fan noise   Eco+Quiet off / Eco+Quiet On     Projection lamp   230 W     On-screen display Inguages   English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese     Rated voltage   AC100 to 240 V     Rated frequency   50 / 60 Hz				
Horizontal frequency   15 to 110 kHz     Vertical frequency   45 to 85 Hz     Audio system   7W (Mono)     Fan noise   Eco+Quiet off / Eco+Quiet On     Projection lamp   230 W     On-screen display Inguages   English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese     Rated voltage   AC100 to 240 V     Rated frequency   50 / 60 Hz				
Vertical frequency   45 to 85 Hz     Audio system   7W (Mono)     Fan noise   Eco+Quiet off / Eco+Quiet On     Projection lamp   230 W     On-screen display Inguages   English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese     Rated voltage   AC100 to 240 V     Rated frequency   50 / 60 Hz				
Audio system   TW (Mono)     Fan noise   Eco+Quiet off / Eco+Quiet On   35 dB / 28 dB     Projection lamp   230 W     On-screen display Inguages   English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese     Rated voltage   AC100 to 240 V     Rated frequency   50 / 60 Hz				
Fan noise   Eco+Quiet off / Eco+Quiet On   35 dB / 28 dB     Projection lamp   230 W     On-screen display Inguages   English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese     Rated voltage   AC100 to 240 V     Rated frequency   50 / 60 Hz				
On-screen display Inguages     English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese       Rated voltage     AC100 to 240 V       Rated frequency     50 / 60 Hz				
On-screen display Inguages     English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese       Rated voltage     AC100 to 240 V       Rated frequency     50 / 60 Hz				
Hungarian, Turkish, Arabic, Persian, Vietnamese, Simplified Chinese, Korean, Japanese   Rated voltage AC100 to 240 V   Rated frequency 50 / 60 Hz				
Rated voltage     AC100 to 240 V       Rated frequency     50 / 60 Hz				
Input current 3.0 A				
Power consumption Eco+Quiet Off 293W with AC 100V, 287W with AC 240V				
Eco+Quiet On 216W with AC 100V, 216W with AC 240V				
Standby mode Quick Start 2.5W with AC 100V, 2.9W with AC 240V				
Eco 0.33W with AC 100V, 0.57W with AC 240V				
Operation temperature 5°C to 35°C				
Cabinet Plastic				
Dimensions (main body only) W x H x D 326 × 84 × 245 mm				
Weight (approx.) 5.7 lbs. (2.6kg)				
Supplied accessories Remote control, two LR03 (AAA) batteries, power cord (6' (1.8 m)), RGB cable (6' (1.8m)), Initial setup guide, CD-ROM				
Optional accessories Spare lamp : AN-SX80LP				

#### Precautions on Viewing Stereoscopic 3D

- The sense of three-dimensionality may vary between individuals.
- Viewing stereoscopic 3D may cause discomfort or eye strain.
- For protection of proper eye development, children should avoid viewing stereoscopic 3D.
- Avoid viewing stereoscopic 3D if you have a pre-existing oversensitivity to light, sleep disorder, heart disease, or are pregnant, in poor health, feeling unwell, or inebriated.
- Read the operation manual carefully to ensure viewing stereoscopic 3D with safety and comfort.

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#### SHARP CORPORATION OSAKA, JAPAN