

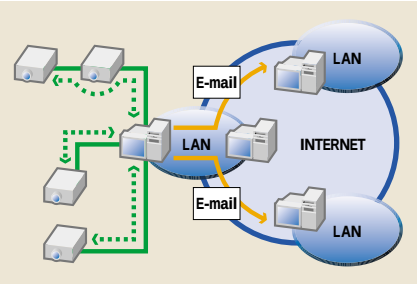
Provides Easy Networking Controls

Network Connectivity and Remote Access

The XG-P20X can be used in a network of up to 250 projectors managed from a single PC with the accompanying Sharp Advanced Presentation Software Professional Edition\*, and connected to a PC with an RS-232C. Output terminals enable a daisy chain configuration and eliminate the need for a distributor. An ID number can be set on each connected unit.

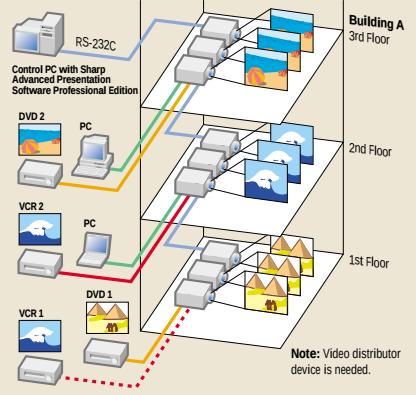
Self-Diagnosis

The XG-P20X projector includes a self-diagnosis function to constantly check its condition. When trouble occurs, for example, a lamp burns out, the projector sends an error message to the management PC installed with Sharp Advanced Presentation Software Professional Edition, which then automatically relays the projector's message to a registered address. The software also enables setting the PC to regularly check each projector's condition and sending their reports by email, as well as keeping a record of those reports.



Multiple and Group Projector Control

A management PC with Sharp Advanced Presentation Software Professional edition can control up to 250 projectors individually. In addition, group setting is possible up to 99 groups among these projectors, to control each group separately. With the RS-232C, the projectors can be controlled from a distance of up to 15 metres.

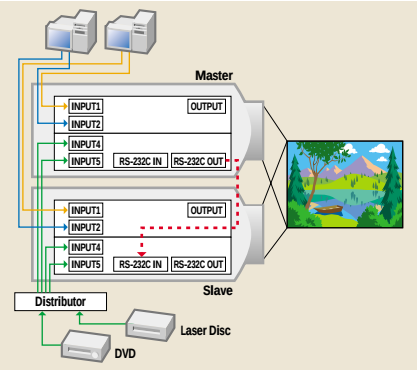


\* Sharp Advanced Presentation Software Professional Edition is included in the supplied CD-ROM and can also be downloaded from the Sharp Global Home Page (<http://www.sharp-world.com/projector>) for free.

Simple Stacking and Video Wall Stack Projection

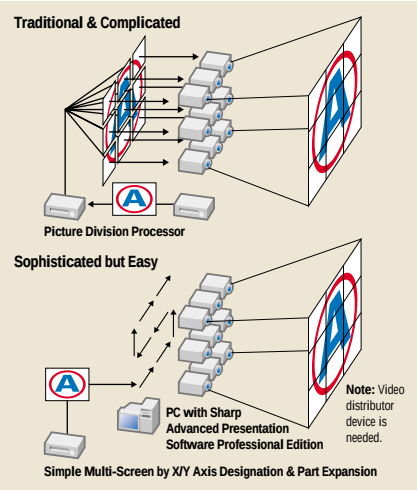
For brighter images, two XG-P20X projectors, for example, can be stacked in a Master/Slave configuration, providing 7000 ANSI Lumen (3500 x 2)\* brightness for the XG-P20X. The Slave is controlled by the Master during projection through an RS-232C connection. A separately sold RS-232C cable is connected from the RS-232C output on the Master to the RS-232C input on the Slave. Adjusting the settings of each projector is individually controlled, and support functions such as Enlarge, Freeze and Presentation Tools are controlled by the two projectors together at the same time, just as when controlling only one projector.

(\* When using the supplied standard zoom lens)



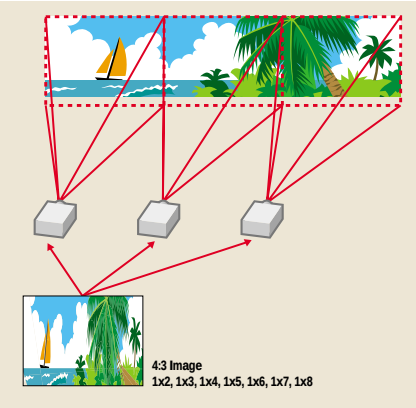
Video Wall

With the accompanying Sharp Advanced Presentation Software Professional Edition, the XG-P20X can link with other XG-P20X projectors to create a video wall projection, eliminating the need for an image distributor, and allowing easy image settings from a PC when using a single video source. RS-232C outputs enable a master projector linked directly to the PC to form a simple daisy chain connection to multiple slave projectors. The video wall can be set up from 2 x 2 projectors to 8 x 8 projectors.



Wide Video Wall

And for a wide-screen video wall, from 2 to 8 projectors can be set up laterally.



Optional Accessories

**Lenses**

**AN-P48EZ**  
(Tele-zoom lens)

**AN-T6EZ**  
(Tele-zoom lens)

**AN-W6EZ**  
(Wide-zoom lens)

**AN-P9MX**  
(Fixed wide lens)

**Projection Distances for a Normal (4:3) 100" Screen (throw ratio)**

|                          |    |
|--------------------------|----|
| (1) AN-P48EZ (4.6-6.1:1) | 14 |
| 9.4 - 12.3m              | 45 |
| 30.10 - 40.4ft           |    |
| (2) AN-T6EZ (2.5-3.3:1)  | 12 |
| 5.0 - 6.6m               | 40 |
| 16.5 - 21.6ft            |    |
| (3) Standard (1.8-2.4:1) | 10 |
| 3.7 - 4.9m               | 35 |
| 12.0 - 15.11ft           |    |
| (4) AN-W6EZ (1.3-1.7:1)  | 8  |
| 2.6 - 3.4m               | 25 |
| 8.6 - 11.2ft             |    |
| (5) AN-P9MX (0.9:1)      | 6  |
| 1.8m                     | 20 |
| 5.11ft                   |    |

(m) (ft)

**Cables**

**AN-C3DV**  
(DVI cable)  
(3 m)

**AN-C3CP**  
(3-RCA to 15-pin mini D-sub cable)  
(3 m)

**AN-C3BN**  
(5-BNC to 15-pin mini D-sub cable)  
(3 m)

**AN-C10RS**  
(RS-232C serial control cable)  
(10 m)

**Ceiling Mounts**

**AN-TK201**  
(For high ceiling installation)

**AN-TK202**  
(For standard ceiling installation)

**Installation Adaptor**

**AN-NV6T**

Specifications

| Model                  | XG-P20X                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Panels                 | Poly Silicon 1.3" (3.3cm) active matrix TFT LCD x 3                                                                                                                                                                                                                                                                                                                                  |
| Number of pixels       | 1024 x 768 pixels (1024 x 768 dots x 3, in stripe pixel arrangement)                                                                                                                                                                                                                                                                                                                 |
| Resolution             | 520 TV lines (S-video input), 750 TV lines (DTV 720P input, STRETCH mode)                                                                                                                                                                                                                                                                                                            |
| Video/data systems     | RGB input signals: UXGA/SXGA/Mac 21" (in advanced intelligent compression), XGA, SVGA, VGA, VESA, Mac 19"/16"/13"<br>15-126 kHz (horizontal), 43-200 Hz (vertical), 12-230 MHz (pixel clock) (plug & play VESA; DDC 1/2B)<br>NTSC/NTSC 4.43/PAL/PAL (60Hz)/PAL-M/PAL-N/SECAM/DTV (480i/480P/720P/1080i)                                                                              |
| Lens                   | 1:1.3 power zoom and focus                                                                                                                                                                                                                                                                                                                                                           |
| Projection size        | 40" (102cm) to 300" (762cm) diagonal                                                                                                                                                                                                                                                                                                                                                 |
| Projection distance    | 40" (102cm): 1.4m-1.9m, 100" (254cm): 3.7m-4.9m, 300" (762cm): 11m-14.3m                                                                                                                                                                                                                                                                                                             |
| Luminance              | 3500 ANSI Lumen                                                                                                                                                                                                                                                                                                                                                                      |
| Contrast ratio         | 600:1                                                                                                                                                                                                                                                                                                                                                                                |
| Audio amplifier        | 2W + 2W (Stereo)                                                                                                                                                                                                                                                                                                                                                                     |
| Speakers               | 4.5cm (round) x 2                                                                                                                                                                                                                                                                                                                                                                    |
| Input terminals        | Computer RGB/component x 2 (15-pin mini D-sub x 1, 5BNC x 1),<br>computer RGB (29-pin DVI-I x 1), audio L/R x 2 (3.5mm stereo mini jack), video x 1 (RCA), S-video x 1, audio L/R stereo x 1 (RCA),<br>RS-232C serial port x 1 (9-pin D-sub), wired remote control x 1 (3.5mm mini jack), USB x 1                                                                                    |
| Output terminals       | Computer RGB x 1 (15-pin mini D-sub), audio L/R x 1 (3.5mm stereo mini jack), RS-232C serial port x 1 (9-pin D-sub)                                                                                                                                                                                                                                                                  |
| Power source           | 100-240V AC, 50/60Hz (Multi-Voltage)                                                                                                                                                                                                                                                                                                                                                 |
| Power consumption      | 330W (0.4W standby power with XG-P20XU, 0.6W standby power with XG-P20XE)                                                                                                                                                                                                                                                                                                            |
| Power dissipation      | < 1250 BTU/hour                                                                                                                                                                                                                                                                                                                                                                      |
| Projection lamp        | AC 220W (1500 hour lamp life)                                                                                                                                                                                                                                                                                                                                                        |
| RF channel frequency   | XG-P20XE: 40.667 MHz - 40.695 MHz XG-P20XU/D: 49.825 MHz - 49.895 MHz                                                                                                                                                                                                                                                                                                                |
| Dimensions (W x H x D) | 319 x 155 x 423mm (main body only)<br>322.5 x 188.5 x 438mm (including adjuster legs and projecting parts)                                                                                                                                                                                                                                                                           |
| Weight                 | 9.5kg                                                                                                                                                                                                                                                                                                                                                                                |
| Supplied accessories   | Gyro Remote, four AAA size batteries, power cord (1.8m), RGB cable (3m), USB mouse control cable (1m), computer audio cable (3m),<br>ø2.5-ø3.5mm wired remote control cable (15cm), three BNC-RCA adaptors, extra air filter, lens cap, CD-ROM, LCD projector operation manual,<br>LCD projector quick guides, Sharp Advanced Presentation Software operation manual, ID number seal |

The DVI terminal is only compatible with the Separate Sync. function.  
Signals input through the DVI terminal are not output through terminals.  
Design and specifications are current as of November 2001, but are subject to change without prior

**SHARP**  
SHARP CORPORATION OSAKA, JAPAN  
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**SHARP**

**XG-P20X**  
*Conference Series*

Pictures of Superior Brilliance and  
The Ultimate in Quiet Operation