

Super Quiet Multimedia Projector with High Brilliance Employs High-Quality, Useful Features for the Entire Spectrum from Small Meetings to Large-Venue Presentations.

High Bright Picture & Super Quiet Operation

3500 ANSI Lumen High Brightness

Sharp's advanced optoelectronics technology in a three-LCD projection system maximizes light output, providing efficient 3500 ANSI lumen brightness and excellent uniformity, delivering a bright, easy-to-see screen even in large brightly-lit rooms.



3500 ANSI lumen image with one lamp

600:1 High Contrast

600:1 high contrast ratio is achieved with newly developed contrast-improved film from the latest optoelectronics technology, for efficient and loss-free light capture. Dark areas in pictures, which often become dim and obscured with darker blacks, will be reproduced with greater contrast: brighter, clearer, crisper.

Super Quiet Operation Low Fan Noise: 33 dB

The XG-P20X uses large Sirocco Fans for more efficient cooling as well as reducing fan noise. While boasting a super-high brightness of 3500 ANSI lumen, the projector achieves an amazing 33dB noise level, eliminating annoying sounds during presentations and meetings.

Flexible Optical System

Lens Shift Function

Easily and finely adjusts the images in angle projection with the lens shift dial though the range of lens shift angle depends on the lens type.

Easy Lens Change System

With the bayonet-mounting AN-W6EZ and AN-T6EZ you can just twist out one and put the other in to exchange lenses. With the top hood system AN-P9MX and AN-P48EZ, loosen two screws to remove the top hood for lens changing.

Even when the top hood is removed, the LCD panel part is sealed to prevent dust build-up and can make control of image adjustments as well as lens shift adjustments.



1:1.3 Zoom Lens and 4 Optional Lenses

The XG-P20X may be used with four optional interchangeable lenses and one standard lens to meet an amazingly wide variety of applications and projection situations. Choose the one which best suits your projection conditions such as the room size, projection distance and projected picture size. Covered are projection distances from 1.8m to 12m for a 100-inch screen with the Lens Shift Function's finely adjustable lens angles.



Easy Presentations

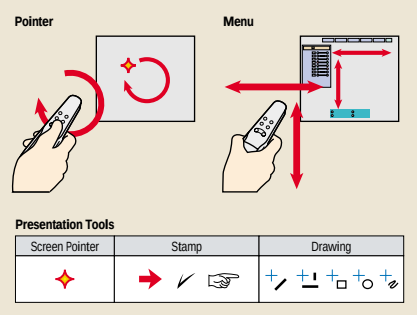
Next-Generation RF Gyro Wireless Remote Control

Sharp has developed an RF-based wireless remote control incorporating U.S. Gyration Inc.'s original GyroPoint Technology™. Its unique features, including superior pointing (gesture tracking) function, operation flexibility with long distance capabilities and non-directivity, along with the omni-directional multiple remote control, give even greater convenience to your presentations as well as provide much more versatile presentation possibilities.



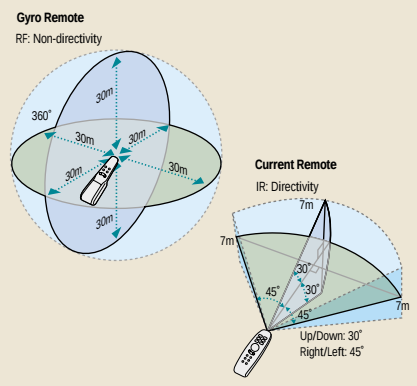
■ Superior Pointing (Gesture Tracking) Function

When you move your hand while holding a Gyro Remote, the remote accurately tracks your hand motions, indicating the screen with presentation tools such as the screen pointer, stamp and drawings, as well as controlling the PC cursor to navigate projector menus.



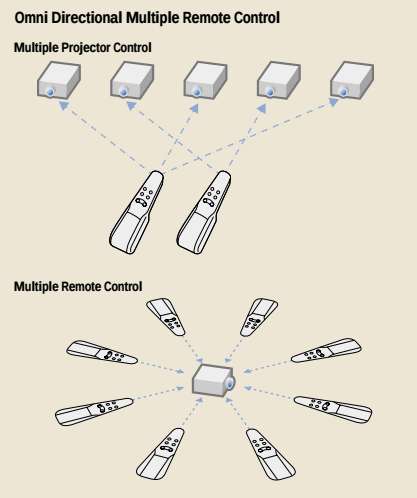
■ Operation Flexibility

Ordinary infrared remotes can control an object in a limited direction, such as 30° vertically, 45° horizontally, and only within the short distance of 7 metres. The next-generation Gyro Remote has no control direction limitations, providing a full 360° of control up to 30m. You can control the XG-P20X from any direction, even when a considerable distance from the projector.



■ Multiple Remote/Projector Control

The individual recognition function of the XG-P20X's Gyro Remote enables control of multiple projectors simultaneously as well as prevents unwanted control of other projectors. Even if other projectors and other Gyro Remotes are nearby and within operating range, there is no radio interference or cross talk, as frequently occurs with other infrared remotes. This enables large-venue presentations using multiple projectors from one Gyro Remote in a smart and effective way. Plus, the XG-P20X can be controlled multiply from up to eight Gyro Remotes by registering each remote code into the projector. Several people can then alternate giving their presentations from different places with the XG-P20X and multiple Gyro Remotes.



True XGA Image Quality

Advanced Compatibility with High-End PCs, Workstations and DTV

Incorporating proprietary Sharp LSI technology, the XG-P20X works with powerful PCs and workstations used for specialised applications, such as, medical, prepress DTP, CAD and CAM.

- Horizontal Frequency: 15-126 kHz
- Vertical Frequency: 43-200 Hz
- Pixel Clock: 12-230 MHz
- Compatible with Sync. on Green/Composite Sync. signals-Compatible with workstations (SUN, SGI, IBM, HP)
- HDTV/DTV Compatible: 480I/480P/720P/1080I
- UXGA (1,600 x 1,200), SXGA (1,280 x 1,024) and Macintosh 21" (1,280 x 1,024) Compatible in Advanced Intelligent Compression (AICS)
- True XGA (1,024 x 768), SVGA, VGA and Macintosh (19"/16"/13") Compatible

Advanced Intelligent Compression (AICS)

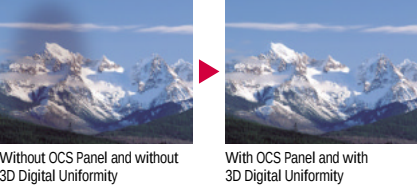
Higher resolution pictures can be compressed while keeping high quality to fit into the panel resolution.

Enhanced Up-Scaling

Lower picture resolutions can be up-scaled to the high image quality of projector panels.

3D Digital Uniformity

Three-Dimensional Digital Uniformity compensates for uneven picture brightness at all picture brightness levels from white to dark.



DTV/HDTV and DVD Compatible

The XG-P20X provides high-quality images from DVD, HDTV and DTV (480P, 720P, 1080I with 4:3 and 16:9 aspect ratios) by receiving 15k RGB signals and component signals (Y, PB, PR) through five BNC input terminals and a 15-pin mini D-sub terminal.

4 Position Gamma Correction

Gamma is an image quality enhancement function that offers a richer image by brightening the darker portions of the image without altering the brightness of the brighter portions. Four preset Gamma values (STANDARD, PRESENTATION, CINEMA and CUSTOM) can be selected to allow for differences in the images displayed and in the brightness of the room. CUSTOM mode can be set directly from the PC by users using the included software.

CV-IC (Computers & Video Integrated Composer) Technology

New Progressive Mode

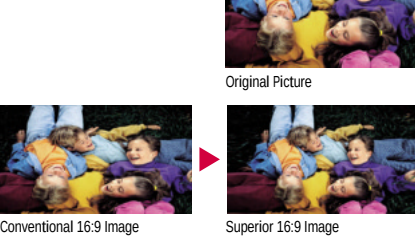
The Progressive Mode of the previous I/P Conversion still had jagged lines and unclear images. The New Progressive Mode (3D Progressive) with correction circuitry compensates for this interference, to provide a natural and smooth picture in the progressive mode.

Still image viewed in progressive mode



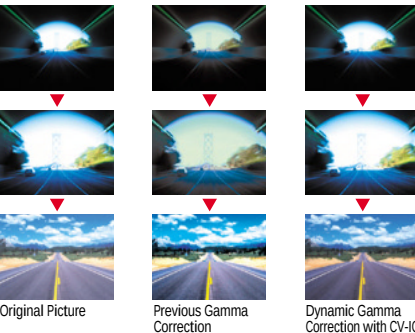
Superior 16:9 Image

Conventional projectors extend a picture evenly from the 4:3 original to fit into a 16:9 screen, resulting in pictures stretched horizontally, i.e., wide and short. With the P20X, pictures can be projected in a thinner ratio in the middle part and only extended at the sides. This maintains natural and proportional pictures close to the 4:3 original.



Dynamic Gamma Correction

STANDARD and CINEMA settings of the VIDEO mode incorporate a Dynamic Gamma function for optimizing Gamma correction frame by frame in real time, thus providing a crisp and vivid image.

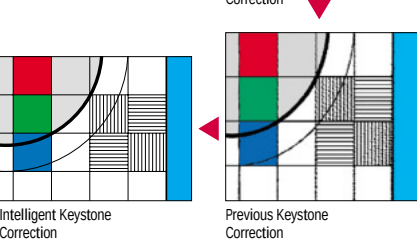


Enhanced Digital Image Enlargement

When you need to compose a video wall or work with an enlarged picture, projecting the larger image sometimes results in unclear or jagged pictures. The Enlarged Digital Image Enlargement employs a much more advanced smoothing technology, producing a crisp and even picture.

Intelligent and Anti-Aliasing Digital Keystone Correction (IDWS)

This Anti-Aliasing Keystone Correction compensates for picture distortion slanting that occurs when images are projected from an angle. Conventionally, only horizontal adjustment could be made, but the new system provides ±127 levels of vertical angle adjustment. Jagged lines on the picture are eliminated, providing a clear projection of almost the same quality as the original picture. After adjusting the projection angle with the Lens Shift function, the V-Size function adjusts the picture screen into a 4:3 aspect ratio.



New Intelligent Compression

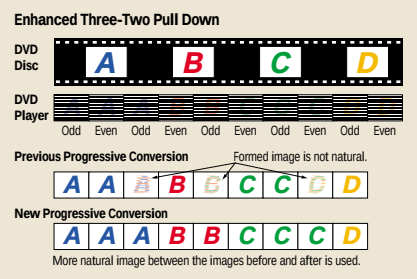
New Intelligent Compression makes faint, fine lines and letters clearer and sharper, suitable for project graphics, graph materials and PC menus, with also almost perfect legibility.

Picture-in-Picture

The XG-P20X can add video images onto a data screen image, providing you with even more effective presentations.

Enhanced Three-Two Pull Down

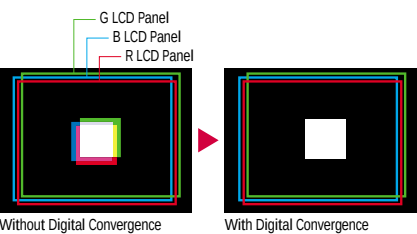
Using the Film Mode, the XG-P20X can beautifully reproduce movie film recorded in 24Hz progressive format.



Other Outstanding Features

Digital Convergence

With Digital Convergence, a slight distortion of convergence can be easily adjusted on the service menu screen without having to dismantle the projector and to move the LCD panel.



Digital Shift Function

The presetting of a video or DVD movie to the 16:9 screen ratio may result in a black line at the top or the bottom of the screen. With the Digital Shift function, the entire picture can be moved vertically on the screen in a similar way as the Lens Shift.



Advanced Presentation Features

■ Built-In Presentation Tools

The XG-P20X provides a variety of useful presentation support tools to highlight important points and deliver a stronger message.

■ Digital Enlarge (x 1, x 4, x 9, x 16, x 36, x 64)

■ Freeze

■ Customizable Startup Screen & Background Screen

■ High-Speed Auto Response Adjust (ARA)

Automatically and quickly synchronizes in 2 to 3 seconds the projection settings, pixel clock, phase and horizontal and vertical positioning. This ensures a quick and smooth start to presentations.

■ GUI (Graphical User Interface): Navitron

The easy-to-use Navitron GUI shows how to adjust the focus, sound, lighting, and other settings.

■ High-Quality Video Circuits (3D Y/C Separation, 3-Line Digital Comb Filter, 3D Noise Reduction, Colour Transient and Y Delay)

■ Multi System Video Compatibility (NTSC/NTSC4.43/PAL/PAL[60Hz]/PAL-M/PAL-N/SECAM)

■ 11-Language On-Screen Display (English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Chinese, Korean, Japanese)

■ Colour Temperature Adjustment

■ Key Lock Function & Password Function

■ Power Save Mode when on Standby