XG-F260X   XG-F210X

Dimensions (XG-F260X / XG-F210X)

Top | Back | Front

Units: inches (mm)

SHARP

XG-F260X/F210X
DATA PROJECTORS
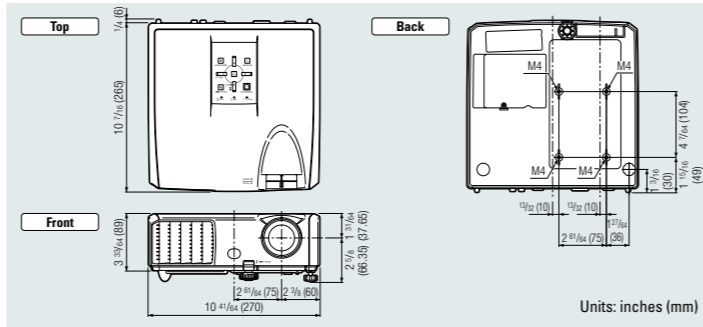
Optional Accessories

Lamp	USB Remote Receiver	Adaptor	Cable	Ceiling Mount Brackets

AN-XR30LP

AN-MR2

AN-A1RS
DIN-D-sub RS-232C
adaptor 5 57/64" (15 cm)

AN-C3CP2
3 RCA to mini D-sub
15 pin cable 10' (3 m)

AN-TK201
For high ceiling
installation

AN-TK202
For standard ceiling
installation

AN-60KT
Ceiling mount
adaptor

Note: Some of the optional accessories may not be available depending on the region.
Please check with your nearest Sharp Authorized Projector Dealer or Service Center.

Specifications

Models		XG-F260X	XG-F210X
Display device		0.55" DLP® chip x 1	0.55" DLP® chip x 1
Resolution		XGA (1,024 x 768)	XGA (1,024 x 768)
Brightness		2,600 ANSI lumens	2,300 ANSI lumens
Contrast ratio		2,200:1	2,200:1
Lens	F number	F2.5-2.6	
	Zoom	Manual, x1.15 (f=20.4 – 23.5 mm)	
	Focus	Manual	
Input signals	DTV	1080I / 1035I / 720P / 576P / 576I / 540P / 480P / 480I	
		NTSC 3.58 / NTSC 4.43 / PAL / PAL-M / PAL-N / PAL-60 / SECAM	
	Computer RGB	SXGA+* / SXGA* / WXGA* / XGA / SVGA / VGA	
	* Compression	Mac 21"** / 19" / 16" / 13"	
Input terminals	DVI-I (Compatible with HDCP)	x1	
	Computer / Component (mini D-sub 15 pin)	x1	
	S-Video (mini DIN 4pin)	x1	
	Video (RCA)	x1	
	Audio (ø3.5 mm stereo minijack)	x1	
	Audio (RCA)	x1 (L/R)	
Output terminals	Computer / Component (mini D-sub 15 pin)	x1	
	Audio (ø3.5 mm stereo minijack)	x1 (variable audio output)	
Control and communication terminals	USB (Type B)	x1	
	RS-232C (mini DIN 9 pin)	x1	
Horizontal frequency		15 – 70 kHz	
Vertical frequency		45 – 85 Hz	
Speaker		2 W (mono)	
Fan noise		32 dB (Bright), 29 dB (Eco+Quiet)	
Projection lamp		200 W	
Lamp life		3,000 hours (Eco+Quiet)	
On-screen display languages		English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Simplified Chinese, Korean, Japanese, Russian, Arabic, Polish, Turkish	
Rated voltage		AC 100-240 V	
Rated frequency		50/60 Hz	
Input current		2.9 A	
Power consumption (standby)		283 W (4.3 W) with AC 100 V, 270 W (4.4 W) with AC 240 V	
Operation temperature		41°F to 95°F (+5°C to +35°C)	
Dimensions (main body only) W x H x D		10 41/64" x 3 33/64" x 10 7/16" (270 x 89 x 265 mm)	
Weight (approx.)		6.4 lbs. (2.9 kg)	
Supplied accessories		Remote control, two R-6 batteries, power cord (6' (1.8 m)), RGB cable (10' (3.0 m)), lens cap, DIN-D-sub RS-232C adaptor (5 57/64" (15 cm)), storage case, operation manual, CD-ROM	

Design and specifications are current as of July 2007, but are subject to change without notice.
* Compression response compatible
● DLP®, the DLP logo and TrueVision are resistered trademarks of Texas Instruments.
● All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers. Sharp makes no warranties or representations of any kind with respect to these products.
● The lamp life may vary depending on the usage condition.

XG-F260X

Portability, Easy Operation and Full Digital Projection with Long-Lasting High-Quality DLP® for a Wide Range of Business and Education Applications

SHARP

SHARP CORPORATION OSAKA, JAPAN

URL http://www.sharp-world.com/

Notevision

PICTURE BY
DLP
TEXAS INSTRUMENTS

TrueVision™

High-Performance, Compact DLP® Projectors Provide Full Digital Projection, High Brightness and High Contrast Ratio to Help Your Business Presentations and Classroom Lessons

BUSINESS · EDUCATION

Outstanding High Performance

2600 ANSI Lumen (XG-F260X)
### 2300 ANSI Lumen (XG-F210X)
High Brightness
Sharp's advanced optoelectronics technology maximizes light output, providing crystal clear images in amazingly high brightness.

Low Fan Noise
The DLP® high-speed colour wheel with non-contact Fluid Dynamic Bearings together with ultra-quiet cooling fans reduce unpleasant noise, enabling quiet operation at 29dB in Eco+Quiet mode. The fan noise is so quiet it causes no disturbance even in meetings or school classes.

Compact and Lightweight Body
The XG-F260X and XG-F210X Series have a compact design that takes up approx. 2/3 the volume of the previous models. The light body weighs 6.4 lbs. (2.9 kg), so you can easily carry it to your home theater room to view DVDs on a large screen or even bring the projector along with you to provide presentations from room to room by connecting it to a computer.

unit: inches (mm)

4 19/64 (109) 3 33/64 (89)
10 7/16 (265)
10 41/64 (270)
11 1/32 (280)
12 13/32 (315)
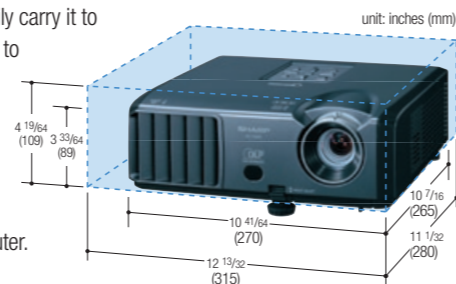
Cutting Edge Technology Provides High-Quality Picture

2200:1 High-Contrast, High-Quality Image
By utilizing the DLP® optical system and Sharp's optical technology, the projectors produce crisp details and sharper blacks in black parts thanks to a 2200:1 high contrast ratio.
This system reproduces crisp clear details not only for scenery but even for letters and graphs, providing sharper blacks in black parts.

Comparison of Dark Scenes
2200:1 | 400:1
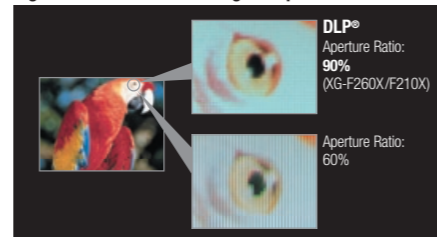
Comparison of Text and Graphics
2200:1 | 400:1
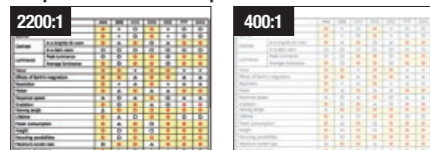
XG-F260X/210X | Models in the same class as these generally provide a contrast ratio of 400:1.
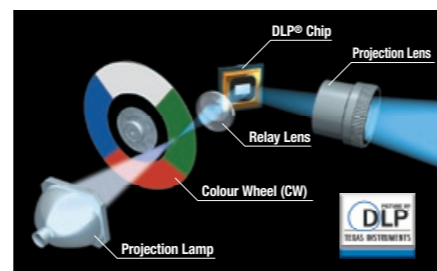
High-Resolution Seamless Images from DLP® Chip
Using DLP® chip, each pixel is individually composed of one of over a half a million micromirrors to produce a high resolution, and the micromirrors lie at a distance of merely one micron, providing a seamless finely detailed picture. Also, high-speed on/off switching delivers smooth moving scenes.

High-Resolution Seamless Image Comparison

DLP®
Aperture Ratio: **90%**
(XG-F260X/F210X)

Aperture Ratio: 60%

DVI Terminal with DLP® System for Full Digital Projection
Full digital projection with the DVI input terminal and DLP® system enables virtually noise-free images from digital sources. The terminal also complies with High-bandwidth Digital Content Protection (HDCP) to support digital video content in high-definition.

### IP Conversion from TrueVision™ Image Processing
TrueVision™ Image Processing provides optimal video performance. The motion-adaptive scan images produce smooth moving scenes and ensure smooth natural lines and edges.

3X Speed Colour Wheel
The projectors employ a colour wheel with a 3x speed engine, improving colour break-up to an invisible level. Also, the non-contact Fluid Dynamic Bearings for the high-speed rotating colour wheel axle have a longer lifespan.

DLP® Chip
Projection Lens
Relay Lens
Colour Wheel (CW)
Projection Lamp
DLP TEXAS INSTRUMENTS

High-Quality Reliability

Long-Life High-Performance DLP® Picture
With the DLP® chip minimally absorbing high-output light, the projectors maintain uniform colour reproduction capability for a long period of time. Also, the formation of this device with finely structured mirrors provides stable performance and delivers high-quality pictures for longer periods. In the XG-F260X/F210X, the chip contributes to a long lifespan. In addition, because there is no burn-in or remaining afterimage, the projectors are ideal for still picture projection such as for guidance board applications and projecting CAD images.

DLP® projection
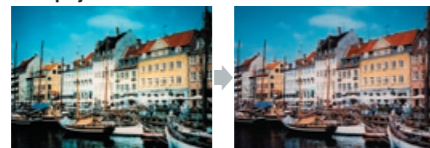
After 4,100 hours
(The picture shows no significant deterioration even after using the DLP® chip 4,100 hours.)

Filter-Free Design
The DLP® sealed system prevents dust, dirt and smoke from entering core parts of the optics to a much greater degree. The system also needs no filter and less maintenance, resulting in lower cost of ownership and longer use.

* By RIT/Munsell Colour Science Laboratory Test

Operation Simple Enough for Anyone to Use

Front Exhaust Engine
The new projector series has an exhaust engine on the front so that the viewers can remain focused on the screen without distractions of noise and air which may disturb viewers.

Direct Power Off Switching
Direct Power Off lets users immediately unplug the projector and take it from the 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.
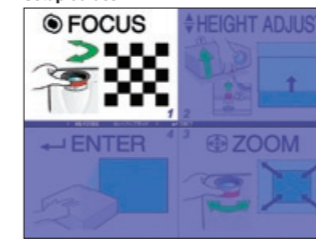
Quick Start
It takes only approx. 3 seconds to project the image.

Setup Guide for Interactive Operation
The XG-F260X/F210X Setup Guide provides intuitive OSD images to show the next step interactively for setup including focus, zoom and height adjustment.
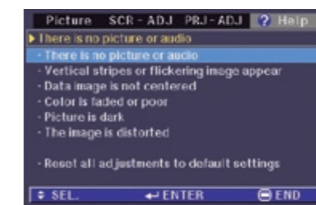
Setup Guides
FOCUS · HEIGHT ADJUST · ENTER · ZOOM

Setup guide is displayed after the projector is turned on.

Interactive Help Menu
The Help Menu displays any problems and assists the user in solving problems with operation.

One-touch Advanced Picture Mode
Quickly and directly choose the appropriate settings for the picture mode and lamp brightness to match the intended application.

Presentation Assist Remote Control
A variety of functions can all be performed with the projector remote control to aid your presentations: mouse control, page up and down, spotlight and pointer.

Multiple Connections

Multiple Input Terminals
Projectors can be connected to DVD players, cable or satellite boxes, laptop and desktop computers, HDTV tuners, VCRs and video game consoles.

Other Outstanding Features

- **Condenser Lens Optics**
  Crisp detail, sharper black and ghost-less image.
- **4:3 and 16:9 Aspect Ratios and HDTV/DTV and DVD Compatible**
- **Theft Deterrent Functions: System Lock and Kensington Security Standard Connector**
- **Key Lock Function**

■ Correlation of the Projector to the screen

Side View

Screen
H
90° — Lens centre
L
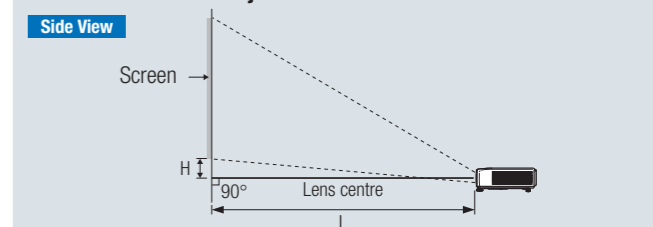
Screen Size and Projection Distance
NORMAL Mode (4:3)

Picture size			Projection distance [L]		Distance from the bottom of the image to the lens centre [H]
Diag.	Width (cm)	Height (cm)	Minimum	Maximum	
300"	240" (610)	180" (457)	36'10" (11.2m)	—	7 9/16" (19cm)
200"	160" (406)	120" (305)	24'7" (7.5m)	28'4" (8.6m)	5 3/64" (13cm)
120"	96" (244)	72" (183)	14'9" (4.5m)	17'0" (5.2m)	3 1/32" (8cm)
100"	80" (203)	60" (152)	12'3" (3.7m)	14'2" (4.3m)	2 33/64" (6cm)
80"	64" (163)	48" (122)	9'10" (3.0m)	11'4" (3.5m)	2 1/64" (5cm)
40"	32" (81)	24" (61)	4'11" (1.5m)	5'8" (1.7m)	1 1/64" (3cm)

STRETCH Mode (16:9)

Picture size			Projection distance [L]		Distance from the bottom of the image to the lens centre [H]	Adjustable range of image position [S]
Diag.	Width (cm)	Height (cm)	Minimum	Maximum		
250"	218" (553)	123" (311)	33'6" (10.2m)	38'8" (11.8m)	27 19/64" (69cm)	±20 27/64" (±52cm)
200"	174" (443)	98" (249)	26'9" (8.2m)	30'11" (9.4m)	21 53/64" (55cm)	±16 11/32" (±42cm)
120"	105" (266)	59" (149)	16'1" (4.9m)	18'7" (5.7m)	13 3/32" (33cm)	±9 13/16" (±25cm)
100"	87" (221)	49" (125)	13'5" (4.1m)	15'5" (4.7m)	10 59/64" (28cm)	±8 11/64" (±21cm)
80"	70" (177)	39" (100)	10'9" (3.3m)	12'4" (3.8m)	8 47/64" (22cm)	±6 17/32" (±17cm)
40"	35" (89)	20" (50)	5'4" (1.6m)	6'2" (1.9m)	4 23/64" (11cm)	±3 17/64" (±8cm)

* Allow a margin of error in the above values.