TOSHIBA

XGA

2400 ANSI lumens

DATA PROJECTOR

TLP-X20/TLP-X21

Sway your audience with the powerful Brightness of 2400 ANSI lumens

- *High brightness design allows use at any time during the day.*
- *Compact and lightweight body gives you ultra-portability.*
- *Full assortment of input terminals for ease of use.*
- *Icon based menu for ease of operation.*

NEW

Smallest size and weight in its class makes it highly portable

TOSHIBA DATA PROJECTOR

TLP-X20/TLP-X21

Compact, high brightness & lightweight.

High 2400 ANSI lumens, a compact, lightweight design (about 5kg. for the TLP-X20).

Project beautiful images with 16,770,000 colors on a 1.3-inch XGA-3LCD!

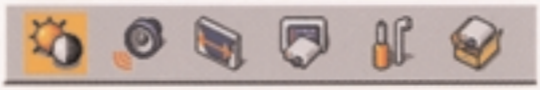
High resolution 1024 x 768 dots combined with 2400 ANSI lumens delivers bold and crisp presentations.
Built-in digital progressive circuit provides high video image quality compatibility with HDTV, DTV, (480i, 480p, 720p, 1080i).

Equipped with a 1.45 million pixel (free arm document) camera* (*Model TLP-X21).

Delivers beautiful projection of business documents, catalogs and three-dimensional objects with fine print text, graphic and photographic details.
Easy projector image input with memory card.

Icon based menu for ease of operation.

Equipped with an icon based menu which allows easy handling and operation.



Full range of input terminals for various applications.

2 RGB channels (one channel handles digital RGB input, DVI terminal). 2 Video channels (one channel handles Y Pb Pr operation).
Do presentations without a PC using the memory card. Advanced input terminal handles wide ranging applications.

The basic specification includes a Automatic digital keystone correction and lens replacement function.

In addition to the normal functions of a projector the lens comes with an easy-to-use 1.3X manual zoom lens as standard equipment.

SPECIFICATIONS

		TLP-X20	TLP-X21
Item		1.3-inch XGA data projector	
Liquid crystal panel	Shape	1.3-inch × 3, aspect ratio: 4:3 With μ lens	
	No. of pixels	1024 × 768 × 3	
Projection lens	Standard lens	1.3X manual zoom/manual focus	
	F/f (mm)	F2.2-2.5/f = 47-61 mm	
Light source		210 W NSH lamp x 1	
Brightness		2400 ANSI lumens	
Resolution		1024 × 768 dots	
Color reproduction		Full-color (16,770,000 colors)	
Contrast		400:1	
Screen size		Approx. 30-300 inches	
Compatible scanning frequency	Horizontal	15-93 kHz	
	Vertical	50-85 Hz	
Video input terminals	Video signals	1 channel (RCA pin /S terminal) Color difference signal, 1 channel (Y Pb Pr)	
	Audio signals	1 channel (RCA pin/LR)	
RGB input terminals	Analog	2 channels (D sub 15-pin, DVI) (D sub 15-pin switched among Y Pb Pr)	
	Digital	1 channel (DVI)	
	Audio signals	1 channel (stereo mini-jack)	
Input signal formats	Video signals	NTSC, PAL, SECAM	
	RGB signals	VGA, SVGA, XGA, SXGA (compressed), UXGA (compressed)	
Output terminals	RGB signals	1 channel (D sub 15-pin)	
	Audio signals	1 channel (stereo mini-jack)	
Internal speaker		2 W, monaural	
PC interface		RS-232C ☆ Memory Card 1 slot USBmouse(1channel)	
Screen zoom		Digital zoom, 1-4X	
Power consumption		320 W	330W
External dimensions (W × D × H)inch		W13.58 × D11.06 × H4.09 (Excluding legs), (Excluding lens unit)	W13.58 × D13.11 × H4.09 (Excluding legs), (Excluding lens unit)
Weight (lbs)		11.24	13.00
Power source		100-240V AC, 50/60Hz	

Document camera(TLP-X21)

Image pick-up device	1/2inch CCD 1,450,000 Pixels
Rosolution	550 TV lines or more(horizontal resolution)
Camera lens	F 3.0, f=6.4mm Manual focusing

☆ The built-in card slot conforms to PC Card Standard TYPEII.
Please use a memory card or conversion adapter (PC card adapter) that is compatible with this type of card slot.

■ Some of these specifications are preliminary and may change in the future. ■ Design and specification are subject to change without notice.

TOSHIBA

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