

**TOSHIBA**

performance **790 & 791**



t h e   r i g h t   i m p r e s s i o n

**400:1 Contrast Ratio**

**XGA 1024 x 768**

**3000 Ansi Lumens**

performance

# 790 & 791



The 790's state-of-the-art LCD projection technology, with its 3000 ANSI lumen high brightness and resolution specifications, ensure stunning image quality in any environment no matter the lighting conditions.

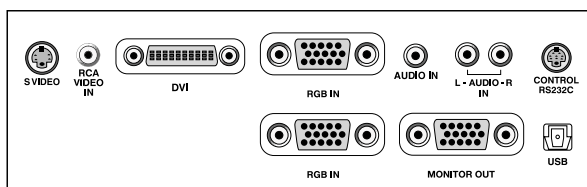
Completely versatile the 790 is also ceiling mountable and rear projection compatible making this the right solution for most conferencing requirements. Set up is simple thanks to the automatic signal recognition and two-way digital keystone correction that adjusts images projected at an angle which would otherwise appear distorted. A vast array of input and output connectors provide you with flexible solutions for any occasion.

The 791 comes complete with a visualiser camera arm that captures and projects 3D images, documents, or even live capture feed straight onto the screen. Image freeze, zoom and overlay facilities make the 791 the ultimate presentation partner.

## Projection Distance

Diagonal screen size (inches)	40	60	80	100	150	200	250	300
Minimum distance (metres)	1.30	1.98	2.66	3.34	5.05	6.75	8.45	10.15
Maximum distance (metres)	1.66	2.52	3.38	4.24	6.39	8.54	10.69	-

## Connections



## Box Contents

Operating manual & CD-ROM,  
RGB, RCA, DVI, Audio (x2),  
USB and Power cables,  
Remote control, Batteries,  
Softcase, Macintosh Adapter

## Extra Features

791 - Visualiser Arm  
High Brightness  
Auto-Image set-up  
Auto-keystone set-up  
3-D real-time gamma correction  
Two-way keystone correction  
Picture in picture  
791 - Overlay Feature

## Technical Specifications

Model		790	791
Display	Display Type	LCD - Polysilicon TFT	
	Shape	Aspect Ratio	
		4:3 (16:9 Switchable)	
	Size	0.99" XGA panel x 3	
		786,432 pixels (1,024x768)	
	Drive Method	TFT Active Matrix with MLA *	
Image	Contrast Ratio	400:1	
	Resolution	Real XGA	
	Brightness (ANSI)	3000 lm	
	Lamp	250W TLPL79	
	Service Life of Lamp	2000h**	
	Colour Reproduction	16.7 Million Colours	
Lens	Colour Wheel (DLP)	NA	
	Segments (Qty)	NA	
	Speed	NA	
	Projection Distance (m)	1.4 - 11.0m (4.3 - 36ft)	
	Picture Size (Diagonal)	0.8 - 7.62m (32 - 300")	
	Projection Method	Front, Rear, or Ceiling	
Signal	Keystone Correction	Digital (+/-15 degrees)	
	Vertical	Digital (+/-10 degrees)	
	Horizontal	Digital (+/-10 degrees)	
	Optical Zoom & Focus Methods	Manual Zoom & Focus	
	"F" Value Aperture	F = 1.7 - 2.1	
	"f" Value Focal Length	f = 33.6 - 42mm	
Terminals	Zoom Ratio	1.25 x	
	Throw Ratio	1.8 - 2.3:1	
	Compatible Freefrequency	Horizontal (kHz)	
	Vertical (Hz)	15 - 93kHz	
	Video Signal	NTSC / PAL / SECAM	
	Colour Difference	HDTV & DTV, DVD	
General	RGB Real Display	VGA / SVGA / XGA	
	RGB Compressed	SXGA / UXGA	
	Input	1x RCA, 1x S-Video, 1x DVI	
	Computer Signal	2 x RGB	
	Audio Signal	1 x Stereo Mini Jack, 1 x RCA	
	Control & Other	RS232C (mini DIN8 pin), USB	
Visualiser Camera Arm	Output	1 x RGB	
	Operating Noise	36dB	
	Embedded Speaker	1W Mono	
	Weight (kg)	4.2kg	5.0kg
	Dimensions W x D x H	338 x 265 x 95	338 x 328 x 95
	Power Source	AC100-240V, 50 / 60Hz	
General	Power Consumption (W)	340W	
	Security	Kensington Slot	
	Warranty	3 Year RTB	
	Lamp	90 Days	
	Type	T791 Fixed, Swivel Arm	
	Image Element	1/2 inch CCD	
Visualiser Camera Arm	Effective Pixels	1,450,000 pixels	
	Focusing	Manual Focus	
	Lens	F = 3.1, f = 6.4mm	

\* MLA = Micro lens array - Active Matrix

\*\* Actual lamp life may vary on ambient environment

LCD

**TOSHIBA**

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