

TOSHIBA

Home Cinema Projectors

mt700

M A K I N G L I G H T W O R K



mt700



If outstanding Home Cinema picture quality at an affordable price is what you are looking for then the mt700 is the natural choice.

Using the latest HD2+ DMD chip from Texas Instruments the Hi-Definition ready mt700 delivers outstanding blacks and vibrant life like colours.

The 1280 x 720 native resolution of the mt700 boasts an impressive 2500:1 contrast ratio and brightness of 1000 ANSI Lumens, while the legendary Faroudja DCDi™ deinterlacer produces high-resolution progressive scan images that are crisp and smooth.

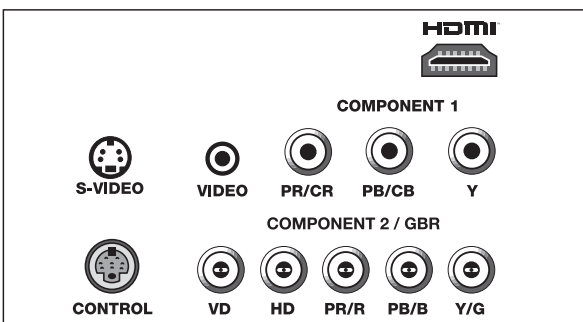
Absolute colour fidelity is assured by the ultra-rapid 6-segment colour wheel. In addition, the mt700 boasts an extra-quiet 28dB operating noise in Standard mode to blend unobtrusively with any soundtrack, while the performance is managed perfectly thanks to the backlit remote control unit.

The mt700, Toshiba's ultimate in Hi-Definition Digital Cinema.

Projection Distance

SCREEN SIZE	16:9 Diagonal (inches)	40"	60"	80"	100"	150"	200"	250"	300"
	Horizontal (m)	0.89	1.33	1.77	2.21	3.32	4.43	5.53	6.64
Vertical (m)	0.50	0.75	1.00	1.25	1.87	2.49	3.11	3.74	
	Minimum (metres)	1.17	1.75	2.34	2.92	4.38	5.84	7.30	8.76
Maximum (metres)	1.59	2.38	3.18	3.97	5.96	7.94	9.93	11.91	

Connections



Box Contents

Operating manual, Power cable, Remote control

Key Features

O+ Scalar
Faroudja DCDi De-Interlacer
6-segment colour wheel
True 16:9 Wide Screen
720p High Definition ready
HDMI all Digital Solution
5x BNC RGB input
2 x RGB Component input
Auto Calibration
Back-lit Remote Control

Model		mt700	
Display	Display Type	DLP™	
	Shape	Aspect Ratio	16:9
		Size	0.8" 720p panel x 1
	Number Of Pixels	921,600 pixels (1280x720)	
	Drive Method	HD2 + DDR 12 degree	
	Contrast Ratio	2500:1	
	Resolution	Real 720p	
Upgraded Video Processing	Faroudja™ DCDi, O+ Scalar		
Image	Brightness (ANSI)	1000 lm	
	Lamp	250W - TLPLMT70	
	Service Life of Lamp **	3000h (Standard mode)	
	Colour Reproduction	16.7 Million Colours	
	Colour Wheel (DLP)	Segments (Qty)	RGB 6 Segment
		Speed	4X
	Projection distance (m)	1.08 - 11.91m (3.5 - 39ft)	
	Picture Size (Diagonal)	0.94 - 7.62m (37 - 300")	
	Projection Method	Front, Rear, or Ceiling	
	Keystone Correction	Vertical	Digital +/- 12 degrees
Horizontal		None	
Lens	Optical zoom and Focus Methods	Manual Zoom & Focus	
	"F" Value Aperture	F = 2.4 - 2.8	
	"f" Value Focal length (mm)	f = 24.0 - 32.0mm	
	Zoom Ratio	1.3x	
Signal	Throw Ratio	1.3 - 1.8 :1	
		Compatible Frequency	Horizontal (KHz) 15 - 100kHz Vertical (Hz) 48 - 120Hz
	Input Signals	Video Signal	NTSC / PAL / SECAM
		Colour Difference	480i/480p/576i/576p/1080i/720p
		RGB Real Display	VGA / SVGA
		RGB Compressed	XGA / SXGA / UXGA
	Terminals	Input	Video Signal
Computer Signal			1x RGB (via BNC)
Audio Signal			None
Control and Other			RS232C (mini DIN8 pin)
Output	None		
General	Operating Noise	28db (Eco)	
	Embedded Speaker	None	
	Weight (kg)	4.5kg	
	Dimensions	W x D x H 380 x 115 x 300	
	Power source	AC100-240V, 50 / 60Hz	
	Power Consumption (W)	320W	
	Security	Kensington Slot	
Warranty	Projector	2 Year RTB	
	Lamp	90 Days	

** Actual lamp life may vary based on ambient environment E&OE, subject to change without notice



"An excellent performer for the money and one of the cheapest truly HD Ready Projectors around"

TOSHIBA

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