



**MITSUBISHI ELECTRIC**  
HOME THEATER PROJECTOR

**NEW HC7800D**

*Changes for the Better*

**Bringing  
New Dimensions of  
Beauty to 3D Imagery**


**Specifications**

Model		HC7800D	
Projection system		DLP™ system	
Panel specs	Panel size	0.65 DMD, Aspect ratio 16:9	
	Number of pixels	1920x1080	
	Drive system	DMD reflection system	
	Array	Stripe pattern	
Optical specs	Lens	Zoom / focus operation*1	1.5x manual zoom / manual operation
		f (mm)*1	20.6-30.1
	Light source lamp	240W (at standard mode), 190W (at low mode), 0.5W (at standby mode)	
	Throw Ratio	1.4-2.1	
Color wheel		6 segment (RGB RGB), 4x	
Projection screen size (inches)		50-300	
Images	Brightness (lm)*1*2		1500 (Max)
	Contrast ratio*1		100,000:1 (when the Iris is closed)
	Resolution	PC input	VGA 640x480 - UXGA1600x1200, 1920x1080
	Scan frequency	Horizontal (kHz)	15-85
Vertical (Hz)		24-85	
Input signal system	Video	Video input: 480i/p, 576i/p, 1080i 60/50, 1080p 60/50/24, 720p 60/50	
	PC	PC/AT compatibles, Mac, PC98	
Input	Image	Analog RGB	Mini D-sub 15pin
		Digital RGB	HDMI terminal
	Components	2 terminals (3D/Deep Color compatible)	
		RCA terminal	1 terminal (component can be also input to Mini D-Sub 15 pin)
	Serial	Serial terminal	1 terminal (Mini D-sub 9pin )
LAN	LAN terminal (RJ45)	1 terminal	
Functions	Picture mode		3 patterns + 3 AV memories
	Digital keystone (Vertical)		±15 steps
	Power source voltage		AC100-240V 50/60Hz
	Power consumption (W)		370 (at waiting 0.5 W)
	Weight		12.3 lbs
Main unit dimensions (WxDxH)		396x328x142mm / 15.6"x12.9"x5.6" (Not including protrusion)	
Other	Supplied accessories		Power source cord (1.8m), Remote control, AA batteries (x2), 3D Emitter, Emitter cable (1.8m), RGB signal cable, Lens cap, Lamp replacement attachment
	Warranty		2-years parts and labor, 1-year or 500 hours on lamp (whichever comes first)

\*1 Varies depending on conditions. \*2 Compliant with ISO21118-2005 \*3 All the brand names and product names are trademarks, registered trademarks or trade names of their respective holders.  
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**3D Viewing Precautions**

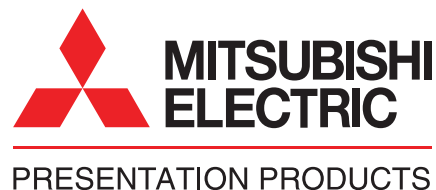
- Each person perceives 3D images differently. There may be times when viewing causes a person to feel uneasy.
- If a person begins to feel tired or uncomfortable when viewing 3D images, they should stop watching immediately.
- When watching 3D programs, be sure to take occasional breaks and do not watch continuously for long periods of time.
- The viewing of 3D images is not recommended for children under the age of 5-6.
- The proper viewing form for 3D images is to wear 3D Glasses and have both eyes horizontal to the screen as much as possible.
- 3D Glasses are fragile and may break if the frames are twisted or if handled recklessly. Do not watch 3D programs if the 3D Glasses are defective or there is a problem with them.
- When viewing 3D images, it is recommended to sit at a viewing distance equal to at least three times the effective screen size.



**for a greener tomorrow**

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

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