



In projectors with Digital Light Processing (DLP) the image is created by light reflected on microscopically small mirrors. Each mirror represents one pixel in the projected image and the colour are reproduced through a colour wheel.



3-LCD projectors have three prisms (liquid crystal display) of different colours that combined reproduce the right shade on the screen.



1080p can be referred to as full HD and represents a resolution of 1920x1080 pixels.



The Reon-VX™ video processor from IDT implemented in our full HD home cinema projectors deliver Hollywood Quality Video (HQV). This high quality chip is the key to improved image reproduction.



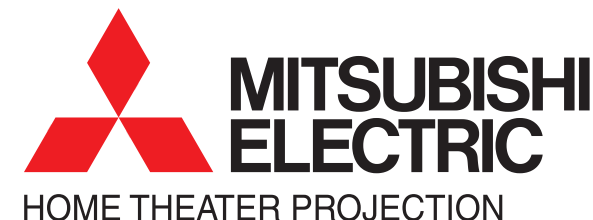
Through HDMI 1.3 input terminals you are capable of processing high-contrast images from 10-, 12- and 16-bit video signals in addition to the conventional 8-bit signal of HDMI 1.2 .



24P products are compatible with Blu-ray 24P direct output. Unbelievable life-like images are reproduced with a smoothness and texture detail than mirror the original.



Changes for the Better



Get ready for a powerful, truly cinematic experience, with Mitsubishi Electric's acclaimed home cinema projectors.

These advanced products offer stunning, crisp images, dazzling color and leading-edge picture enhancing technologies that transform a sports match or movie into a dynamic social event right in your home.

Widescreen, high-resolution, high-definition; it all comes together with these models.



crystal clear
home cinema
projectors

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Specification subject to change without notice.

mitsucinema.com

2009-2010

Full HD - 1080p



HC380

HC550

HC680

HC7000

		HC380	HC550	HC680	HC7000
Resolution		1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Format		Wide screen 16:9	Wide screen 16:9	Wide screen 16:9	Wide screen 16:9
Brightness		1300	1200	1500	1000
Weight		3.5 kg	5.6 kg	7.5 kg	7.5 kg
Contrast ratio		4000:1	14000:1	30000:1	72000:1
Technology		DLP	3-LCD (with micro lens)	3-LCD (with micro lens)	3-LCD (with micro lens)
Colour wheel		6 segments (R/G/B/R/G/B), x4 speed	-	-	-
HQV		No	Yes	Yes	Yes
24P		Yes	Yes	Yes	Yes
2:35:1 anamorphic mode		Yes	Yes	Yes	Yes
Noise (*eco mode)		25 dB*	19 dB*	20 dB*	17 dB*
Maximum keystone correction		±15° V	±13° V	±15° V	±15° V
Frequency fh (kHz)		15 - 80	15 - 100	15 - 100	15 - 100
Frequency fv (Hz)		50 - 85	50 - 120	50 - 120	50 - 120
Lens		Manual	Motorized	Motorized	Motorized
Lens shift		No	Motorized up-down (±50%)	Motorized up-down (±75%), right-left (±5%)	Motorized up-down (±75%), right-left (±5%)
Throw ratio		1.4 ~2.0 : 1	1.4 ~1.8 : 1	1.4 ~2.3 : 1	1.4 ~2.3 : 1
Input / Output	Video Input	HDMI (1.3) x1, Component; RCA x1, S-video x1, RCA x1	HDMI (1.3) x2, Component video x1, S-video x1, RCA x1	HDMI (1.3) x2, Component video x1, S-video x1, RCA x1	HDMI (1.3) x2, Component video x1, S-video x1, RCA x1
	RGB / Component input	Mini D-sub (15 pin) x1	Mini D-sub (15 pin) x1	Mini D-sub (15 pin) x1	Mini D-sub (15 pin) x1
	Screen Trigger	12V trigger out; Stereo mini jack (3.5mm) x1	12V trigger out; Stereo mini jack (3.5mm) x1	12V trigger out; Stereo mini jack (3.5mm) x1	12V trigger out; Stereo mini jack (3.5mm) x1
	Communication	RS232C; Mini DIN (8 pin) x1, Direct command is available	RS232C; D-sub (9 pin) x1, Direct command is available	RS232C; D-sub (9 pin) x1, Direct command is available	RS232C; D-sub (9 pin) x1, Direct command is available
HDMI 1.3 with Deep Color		Yes	Yes	Yes	Yes
Signals	Video input compatibility	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 24/50/60 Hz)	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 24/50/60 Hz), SCART (RGB + 1V sync)	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 24/50/60 Hz), SCART (RGB + 1V sync)	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 24/50/60 Hz), SCART (RGB + 1V sync)
	Dimensions (WxHxD)	345 x 129 x 270 mm	334 x 125 x 352 mm	427 x 159 x 440 mm	427 x 159 x 440 mm
Maximum lamp life (*eco mode)		5000 hours *	5000 hours *	4000 hours *	5000 hours *
Power consumption		Power on: 330 W / Standby: 0.5 W	250 W	250 W	250 W
Standard accessories		Illuminated remote control, Power cord, VGA cable, Lens cap, Manual on paper (English) and CD rom, Safety manual, Quick Start Guide, Lamp replacement tray	Illuminated remote control, Power cord, VGA cable, RS232 cable, Manual on CD rom, Safety manual, Quick Start Guide, External air filter, Lamp replacement tray	Illuminated remote control, Power cord, VGA cable, RS232 cable, Manual on CD rom, Safety manual, Quick Start Guide, Cap-lens, Lamp replacement tray	Illuminated remote control, Power cord, VGA cable, RS232 cable, Manual on CD rom, Safety manual, Quick Start Guide, Cap-lens, Lamp replacement tray
Replacement lamp / Lamp replacement		VLT-HC3800LP / Top	VLT-HC5000LP / Side	VLT-HC6800LP / Side	VLT-HC7000LP / Side
Warranty		Projector: 2 year Lamp in new projector: 1000 hours / 2 year	Projector: 2 year Lamp in new projector: 1000 hours / 2 year	Projector: 2 year Lamp in new projector: 1000 hours / 2 year	Projector: 2 year Lamp in new projector: 1000 hours / 2 year