

Specifications

Main Unit

Power supply:	North America:	120 V AC, 20 A, 60 Hz
	Europe, Asia	220–240 V AC, 15 A, 50/60 Hz
Power consumption:		1,450 W (25 W in standby mode with fan stopped)
DLP™ chip:	Panel size:	0.95' diagonal (16:9 aspect ratio)
	Display method:	DLP™ device x 3 (R, G, B), DLP™ projection system
	Pixels:	2,073,600 (1,920 x 1,080) x 3, total of 6,220,800 pixels
Lens:		Optional powered zoom/focus lenses
Lamp:		250 W UHM™ lamp x 4
Screen size:		70–600 inches, 16:9 aspect ratio (70–300 inches with the ET-D75LE5, 16:9 aspect ratio)
Brightness*1:		10,000 lumens (four-lamp operation mode)
Center-to-corner uniformity*1:		90%
Contrast*1:		5,000:1 (full on/full off, in dynamic iris 3 mode)
Resolution:		1,920 x 1,080 pixels (Input signals that exceed this resolution will be converted to 1,920 x 1,080 pixels.)
Scanning frequency:	RGB:	Horizontal: 15–100 kHz, Vertical: 24–120 Hz*2, Dot clock: 20–162 MHz
	YPbPr (YCbCr):	480i: fh 15.75 kHz; fv 60 Hz, 576i: fh 15.63 kHz; fv 50 Hz, 480p: fh 31.50 kHz; fv 60 Hz, 576p: fh 31.25 kHz; fv 50 Hz, 720/60p: fh 45.00 kHz; fv 60 Hz, 720/50p: fh 37.5 kHz; fv 50 Hz, 1035/60i: fh 33.75 kHz; fv 60 Hz, 1080/60i: fh 33.75 kHz; fv 60 Hz, 1080/50i: fh 28.13 kHz; fv 50 Hz, 1080/25p: fh 28.13 kHz; fv 25 Hz, 1080/24p: fh 27.00 kHz; fv 24 Hz, 1080/24sF: fh 27 kHz; fv 48 Hz, 1080/30p: fh 33.75 kHz; fv 30 Hz, 1080/60p: fh 67.5 kHz; fv 60 Hz, 1080/50p: fh 56.25 kHz; fv 50 Hz
	S-Video/Video:	Horizontal: 15.75/15.63 kHz, Vertical: 50/60 Hz, (NTSC, NTSC4.43, PAL, PAL60, PAL-N, PAL-M, SECAM)
Optical axis shift*:	Vertical:	±50% (±40° with the ET-D75LE6) from center of screen, powered
	Horizontal:	±30% (±20° with the ET-D75LE6) from center of screen, powered
Keystone correction range:		Vertical: ±40° (±22° with the ET-D75LE5, ±28° with the ET-D75LE6)
Installation:		Ceiling/floor, front/rear
Terminals:	DVI-D IN:	DVI-D 24-pin x 1, DVI 1.0 compliant, HDCP compatible, single link
	RGB1 IN:	BNC x 5
	Y, Pb, Pr	Y: 1.0 Vp-p, 75 ohms (incl. sync signal), Pb/Pr: 0.7 Vp-p, 75 ohms
	R, G, B:	0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms
		HD/SYNC: 1.4–5 Vp-p, positive/negative automatic, 75 ohms
		VD: 1.4–5 Vp-p, positive/negative automatic, 75 ohms
		NOTE: HD/SYNC, and VD terminals do not accept 3-value direct sync signals.
	RGB2 IN:	D-sub HD 15-pin x 1
	Y, Pb, Pr	Y: 1.0 Vp-p, 75 ohms (incl. sync signal), Pb/Pr: 0.7 Vp-p, 75 ohms
	R, G, B:	0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms
		HD/VD/SYNC: TTL, high impedance, positive/negative automatic
		VD: 1.4–5 Vp-p, positive/negative automatic, 75 ohms
		NOTE: HD/SYNC, and VD terminals do not accept 3-value direct sync signals.
	VIDEO IN:	BNC x 1, 1.0 Vp-p
	VIDEO OUT:	BNC x 1, 1.0 Vp-p, active through
	S-VIDEO IN:	Mini DIN 4-pin x 1
		Y: 1.0 Vp-p, C: 0.286 Vp-p, 75 ohms (S1 signal compatible)
	LAN:	RJ-45 x 1, 10Base-T/100Base-TX, compatible with PLink™ (class 1)
	SERIAL IN*4:	D-sub 9-pin x 2 (RS-232C compliant, RS-422 compliant)
	SERIAL OUT*4:	D-sub 9-pin x 1 (RS-422 compliant)
	REMOTE 1 IN:	M3 jack x 1 for wired remote control
	REMOTE 1 OUT:	M3 jack x 1 for link control
	REMOTE 2 IN:	D-sub 9-pin x 1 for external control (parallel)

Optional board slot*5:

With ET-MD77SD1 installed:	SERIAL IN:	BNC x 1, SD-SDI signal (4:2:2), SMPTE 259M compliant, 480i, 576i
	SERIAL OUT:	BNC x 1, active through
With ET-MD77SD3 installed:	SERIAL IN:	BNC x 1 SD-SDI signal (4:2:2): SMPTE 259M compliant, 480i, 576i Single-link HD-SDI signal (YCbCr 4:2:2 10-bit): SMPTE 292M compliant, 720/50p, 720/60p, 1080/50i, 1080/60i, 1080/25p, 1080/24p, 1080/24sF, 1080/30p
	SERIAL OUT:	BNC x 1, active through
With ET-MD77SD4 installed:	Link A/Link B IN:	BNC x 1 for each Single-link HD-SDI signal (YCbCr 4:2:2 10-bit): SMPTE 292M compliant, 720/50p, 720/60p, 1080/50i, 1080/60i, 1080/25p, 1080/24p, 1080/24sF, 1080/30p Dual-link HD-SDI signal (RGB 4:4:4 12-bit/10-bit): SMPTE 372M compliant, 1920 x 1080/24p, 1920 x 1080/24sF Dual-link HD-SDI signal (XYZ 4:4:4 12-bit): 2048 x 1080/24p, 2048 x 1080/24sF
With ET-MD77DV installed:	DVI-D IN:	DVI-D 24-pin x 1, DVI 1.0 compliant, compatible with HDCP, single link EDID1: 480p, 576p, 1080/60i, 1080/50i, 1080/24p, 1080/24sF, 1080/25p, 1080/30p, 1080/60p, 1080/50p, 720/60p, 720/50p EDID2: Compatible with non-interlaced signals only, VGA (640 x 480)–U-XGA (1,600 x 1,200), dot clock: 25–162 MHz NOTE: LAN terminals on the optional board can not be used. Use the LAN terminal on the projector.

Power cord:	3 m/9.8'
Cabinet material:	Moulded plastic
Dimensions (W x H x D):	578 x 320 x 643 mm (22-3/4' x 12-19/32' x 25-5/16') (without lens)
Weight:	32 kg (70.5 lbs) or less (without lens)
Operating temperature*6:	0°–45°C (32°–113°F)
Operating humidity:	10%–80% (no condensation)

Remote Control Unit

Number of functions:	35 keys, 39 functions
Power supply:	3 V DC (AA battery x 2)
Operation range*7:	Approx. 30 m when operated from directly signal receptor
Dimensions (W x H x D):	51 x 22.7 x 176 mm (2' x 7/8' x 6-15/16')
Weight:	134 g (4.7 oz) (including batteries)

Optional Accessories

Zoom lens (0.9 – 1.1:1):	ET-D75LE6
Zoom lens (1.4 – 1.8:1):	ET-D75LE1
Zoom lens (1.8 – 2.8:1):	ET-D75LE2
Zoom lens (2.8 – 4.6:1):	ET-D75LE3
Zoom lens (4.6 – 7.4:1):	ET-D75LE4
Zoom lens (7.3 – 13.8:1):	ET-D75LE8
Fixed-focus lens (0.7:1):	ET-D75LE5
SD-SDI/network board:	ET-MD77SD1
HD-SDI/SD-SDI/network board:	ET-MD77SD3
DVI-D/network board:	ET-MD77DV
Replacement lamp unit	ET-LAD10000 (one unit) ET-LAD10000F (a set of four lamps)
Ceiling mount bracket for high ceilings	ET-PKD100H
Ceiling mount bracket for low ceilings	ET-PKD100S
Frame	ET-PFD100
Carrying handle	ET-HAD100

Weights and dimensions shown are approximate. Specifications subject to change without notice.

*1 Values indicate overall average values of the product at the time of shipment and are stated based on JIS X 6911:2003 Data Projector Specification Sheet Format. Measurement method and conditions are based on Appendix 2.

*2 Smooth image reproduction may not be possible when a motion video signal with a vertical frequency other than 50 or 60 Hz is input.

*3 Shift range is limited during simultaneous horizontal and vertical shifting.

*4 Contact your dealers for details when the control using RS-232C or RS-422 is required.

*5 The LAN terminal on the optional board will be inactivated after installation. Use the LAN terminal on the main unit.

*6 Operating temperature is 0°C–40°C (32°F–104°F) when the fan control is set to "HIGHLAND" (for over 1,400 m to 2,700 m above sea level).

*7 Operation range differs depending on environments.