

## Micro-Portable LCD Projector

## PT-LB50SU

## Specifications

Power supply		100–240 V AC, 50/60 Hz
Power consumption		240 W (approx. 4 W in standby mode with fan stopped)
Optical system		Dichroic mirror separation/prism synthesis system
LCD panel	Panel size	0.6" (15.24 mm) diagonal, micro lens array (4:3 aspect ratio)
	Display method	Transparent LCD panel (x 3, R/G/B)
	Drive method	Active matrix
	Pixels	480,000 (800 x 600) x 3, total of 1,440,000 pixels
	Pixel configuration	Stripe
Lens		Manual zoom (1:1–1:1.2), manual focus F 1.6–1.9, f 18.8–22.6 mm
Lamp		165 W UHM™ lamp
Colors		Full color (16,777,216 colors)
Brightness		2,000 lumens
Center-to-corner uniformity ratio		85%
Contrast ratio		400:1*1 (full on/full off)
Scanning frequency	RGB	Horizontal: 15–91 kHz, Vertical: 50–85 Hz
	YPbPr	480i (525i): fh 15.75 kHz; fv 60 Hz 576i (625i): fh 15.63 kHz; fv 50 Hz 480p (525p): fh 31.5 kHz; fv 60 Hz 576p (625p): fh 31.25 kHz; fv 50 Hz 720p (750p): fh 45 kHz; fv 60 Hz 1080i (1125i): fh 33.75 kHz; fv 60 Hz 1080i (1125i): fh 28.125 kHz; fv 50 Hz
	S-Video/Video	NTSC, NTSC4.43, PAL-M, PAL60: fh 15.75 kHz; fv 60 Hz PAL, SECAM, PAL-N: fh 15.63 kHz; fv 50 Hz
Projection size		838–7,620 mm (33–300 inches) diagonally, 4:3 aspect ratio
Throw distance		1.1 m–10.7 m (3'7"–35'1")
Optical axis shift		6:1 (fixed)
Keystone correction range		Vertical: approx. ±30°
On-screen menu		17 languages: English, French, German, Spanish, Italian, Korean, Russian, Chinese, Japanese, Swedish, Norwegian, Danish, Portuguese, Polish, Hungarian, Czech, Thai
Installation		Front/rear, ceiling/desk (menu selection)
Built-in speakers	Output power	1.0 W (monaural)
Terminals	RGB 1 IN	D-sub HD 15-pin x 1
	RGB 2 IN/RGB 1 OUT	D-sub HD 15-pin x 1 (input/output selectable using on-screen menu)
	VIDEO IN	RCA pin x 1
	S-VIDEO IN	Mini DIN 4-pin x 1
	AUDIO IN	RCA (L, R) x 1, M3 (L, R) x 1
	AUDIO OUT	M3 (L, R) x 1
	SERIAL	Mini DIN 8-pin x 1
Power cord length		2 m/6.6'
Cabinet material		Moulded plastic (ABS/PC)
Dimensions (W x H x D)		297 x 57 x 210 mm (11-11/16" x 2-1/4" x 8-1/4")*2
Weight		1.8 kg (4.0 lbs.)
Operating environment	Temperature	0°–40°C (32°–104°F)
	Humidity	20%–80% (no condensation)
Remote control unit	Power supply	3 V DC (AAA battery x 2)
	Operation range*3	Approx. 7 m when operated from directly in front of the signal receptor
	Dimensions (W x H x D)	51.5 x 123 x 21.1 mm (2-1/32" x 4-27/32" x 27/32")

## Supplied accessories

Power cord  
Remote control  
Batteries for remote control  
VGA cable  
Lens cover  
Carrying bag

## Optional accessories

Replacement lamp unit: ET-LAB50  
Ceiling mount bracket: ET-PKB50  
Full-function wireless remote control: ET-RM300  
Serial adapter (DIN 8-pin/D-sub 9-pin): ET-ADSER

\*1: In AI mode.

\*2: Operation range differs depending on environments.

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