SONY®

3LCD · BrightEra™

VPL-T Series

Affordable, Compact Teacher's Pet™ Projectors for Education

VPL-TX70
VPL-TX7

sony.com/projectors

INTRODUCING THE VPL-TX7 and VPL-TX70 NETWORKED EDUCATION PROJECTORS

Go to the head of the class with Sony's affordable new Teacher's Pet™ education projectors, destined to be a teacher's favorite. The VPL-TX7 and VPL-TX70 were designed and developed specifically with students and teachers in mind, ready to handle any lesson plan. Both projectors offer native XGA resolution, delivering astonishing color light output ranging from 2000 (VPL-TX7) to 2600 lumens (VPL-TX70). The VPL-TX70 utilizes Sony's 3LCD BrightEra™ imaging technology - the latest generation of LCD panels that reproduce high quality images with bright and natural colors.

These new projectors redefine "smart" – from their stylish looks to classroom-friendly features like closed captioning; a 5-Watt built-in speaker, so students can hear the audio loud and clear; a variety of inputs, including composite video, s-video, 2 Analog RGB/Component inputs, plus 1 monitor out with variable audio out; and RJ-45 connection for remote monitoring and maintenance. They also offer synchronized lamp and filter replacements at 3000/4000 hours. And thanks to 3LCD and BrightEra imaging technology, these projectors use smaller lamps - smaller lamps are less expensive and use less power than single chip DLP projectors – for a lower total cost of ownership.

To top that, Sony's Eye on Education™ program offers educational institutions competitive pricing, an Extra Credit Frequent Purchase Program, trade-in opportunities, extended lamp warranties, and exceptional service. Visit www.sony.com/EyeOnEducation and www.sony.com/extracredit for details.

FEATURES & BENEFITS

Affordable
Priced to bring excellent brightness and advanced features within reach. It's simple mathematics with 3LCD and BrightEra technology: less general maintenance costs and longer lasting projectors = a lower total cost of ownership.

Sleek Design
The design features a unique body shape that broadens towards the front allowing images to project upwards on the screen and therefore minimal tilt adjustment is required.

Side

Accepts a wide variety of Interfaces
The new TX series of projectors accept a wide variety of input signals from standard definition (SD) to high definition (HD) including composite video, S-Video, and 2 analog RGB/component inputs via an HD D-sub 15-pin. Both models are equipped with a 5W speaker, RJ45 and a monitor out with variable audio out.

High Brightness & Picture Quality
No need to turn out the lights! The VPL-TX70 delivers 2600 lumens and the VPL-TX7 delivers 2000 lumens, bright enough to be clearly seen in normal room lighting, so students can take notes and follow along with handouts. High picture quality, long-life imagers and optical efficiencies are achieved with the VPL-TX70's BrightEra 3LCD panel system.

LCD panel of the VPL-TX70

Network Functions
The network allows users to monitor the projector's status and will even e-mail updates.

Closed Captioning
Allows presenters to display a transcription of the audio portion from video sources to provide interpretive information to viewers who wish or require to access it.

Anti-Theft Features

Password protection helps prevent unauthorized usage. The control panels can be locked to help prevent inadvertent or unauthorized adjustments. And there's even a security bar to allow connection to an optional security cable such as antitheft chain or wire.

Direct Power On/Off

With this function, standby mode can be skipped over to activate the projector immediately. The projector can be turned on or off using a circuit-breaker switch on the wall.

VPL-TX7/TX70 KEY FEATURES

- XGA Resolution
- Color Light Output
  ⇒ 2000 Lumen Color Light Output (VPL-TX7)
  ⇒ 2600 Lumen Color Light Output (VPL-TX70)
- 3LCD Panels:
  ⇒ 0.63-inch 3LCD Panels (VPL-TX7)
  ⇒ 0.63-inch 3LCD BrightEra™ Panels (VPL-TX70)
- Closed Captioning
- 2 RGB/Component Inputs: HD D-sub 15 pin

- Composite Video: Phono Type
- S-Video: Mini DIN 4-pin
- Monitor Out with Variable Audio Out
- Off & Go - Terminate the power without waiting for the projector to cool down
- 190W UHP Lamp (LMP-E191)
- Ceiling Mountable
- RS232C
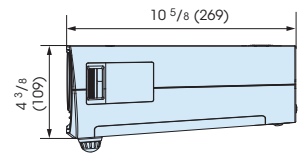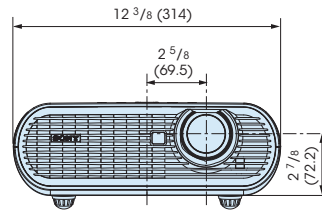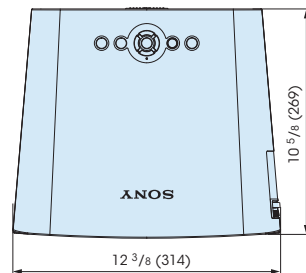- 5W Speaker
- RJ45: Network Control & Monitoring
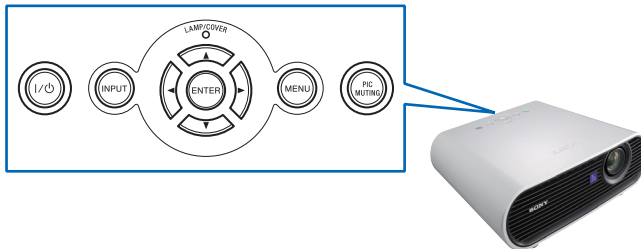
Remote Commander unit

CONNECTOR PANEL

Rear Panel

DIMENSIONS

10 5/8 (269)

12 3/8 (314)

12 3/8 (314)

2 5/8 (69.5)

2 7/8 (72.2)

4 3/8 (109)

10 5/8 (269)

Unit: inches (mm)

CONTROL PANEL

OPTIONAL ACCESSORIES

LMP-E191
Replacement Lamp
for VPL-TX7/TX70

PAM-200
Ceiling Mount
for VPL-TX7/TX70

SPECIFICATIONS

	VPL-TX7	VPL-TX70
Optical		
Projection System	3 LCD panels, 1 lens projection system	
LCD Panel	0.63 inch XGA LCD panel, 2,359,296 (1024 x 768 x 3) pixels	0.63 inch XGA LCD panel, (BrightEra) 2,359,296 (1024 x 768 x 3) pixels
Color Light Output	2000 lm (lamp mode: high), 1500 lm (lamp mode: standard)	2600 lm (lamp mode high), 2000 lm (lamp mode: standard)
Light Output	2000 lm (lamp mode: high), 1500 lm (lamp mode: standard)	2600 lm (lamp mode high), 2000 lm (lamp mode: standard)
Contrast Ratio	500:1	900:1
Lamp — Power	190W ultra high pressure lamp	
Lamp — Lamp Life	3000/4000H	
Projection Lens	1.2 times zoom lens (manual), f = 18.53 to 22.18mm, F = 1.65-1.93	
Throw Ratio	1.5-1.7	
Screen Size	40" - 300" (Viewable Area Measured Diagonally)	
Signals		
Color System	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 system	
Resolution	750 horizontal TV lines (Video input), 1,024 x 768 dots (RGB input)	
Acceptable Computer Signals	fH: 19 to 92kHz, fV: 48 to 92Hz, Maximum input signal resolution: Up to SXGA+ (fV 60Hz)	
Acceptable Video Signals	Composite Video, Y/C Video, 15kRGB 50/60Hz, Progressive Component 50/60Hz, DTV (480/60i, 480/60p, 575/50i, 575/50p, 720/50p, 720/60p, 1080/50i, 1080/60i)	
Interface		
Video In	S-Video: Y/C Mini DIN 4 pin, Composite: Phono, Audio: Stereo Mini Jack	
Input A	Analog RGB / Component (HD D-sub 15 pin), Audio: Stereo Mini Jack	
Input B	Analog RGB / Component (HD D-sub 15 pin), Audio: Stereo Mini Jack	
Network	Wired (10Base-T / 100Base-TX)	
Monitor Out — Video	Analog RGB / Component (HD D-sub 15 pin)	
Monitor Out — Audio	Stereo Mini Jack	
Remote RS-232C	D-sub 9 pin	
General		
Dimensions WxHxD	approx. 12 3/8 x 4 3/8 x 10 5/8 inches (excluding projection parts)	
Weight	approx. 6 lb 10 oz	
Power Requirements	AC 100 to 240 V, 2.6 to 1.1A, 50/60 Hz	
Power Consumption	Max: 260W, Standby: Approx 3W	Max: 270W, Standby: Approx. 3W
Speaker	5W	
Operating Temperature	32 to 95 F degrees (0 to 35 C degrees)	
Operating Humidity	35 to 85% (no condensation)	
Storage Temperature	-4 to 140 F degrees (-20 to 60 C degrees)	
Storage Humidity	10 to 90%	
Supplied Accessories		
	Remote Commander® (1), Lithium battery CR2025 (1), HD D-sub 15-pin cable (1.8m)(1), Security label (1), CD-ROM (operating instructions) (1), Quick reference manual (1), Safety regulations (1), Lens cap (1), AC power cord (1), Warranty card (1)	