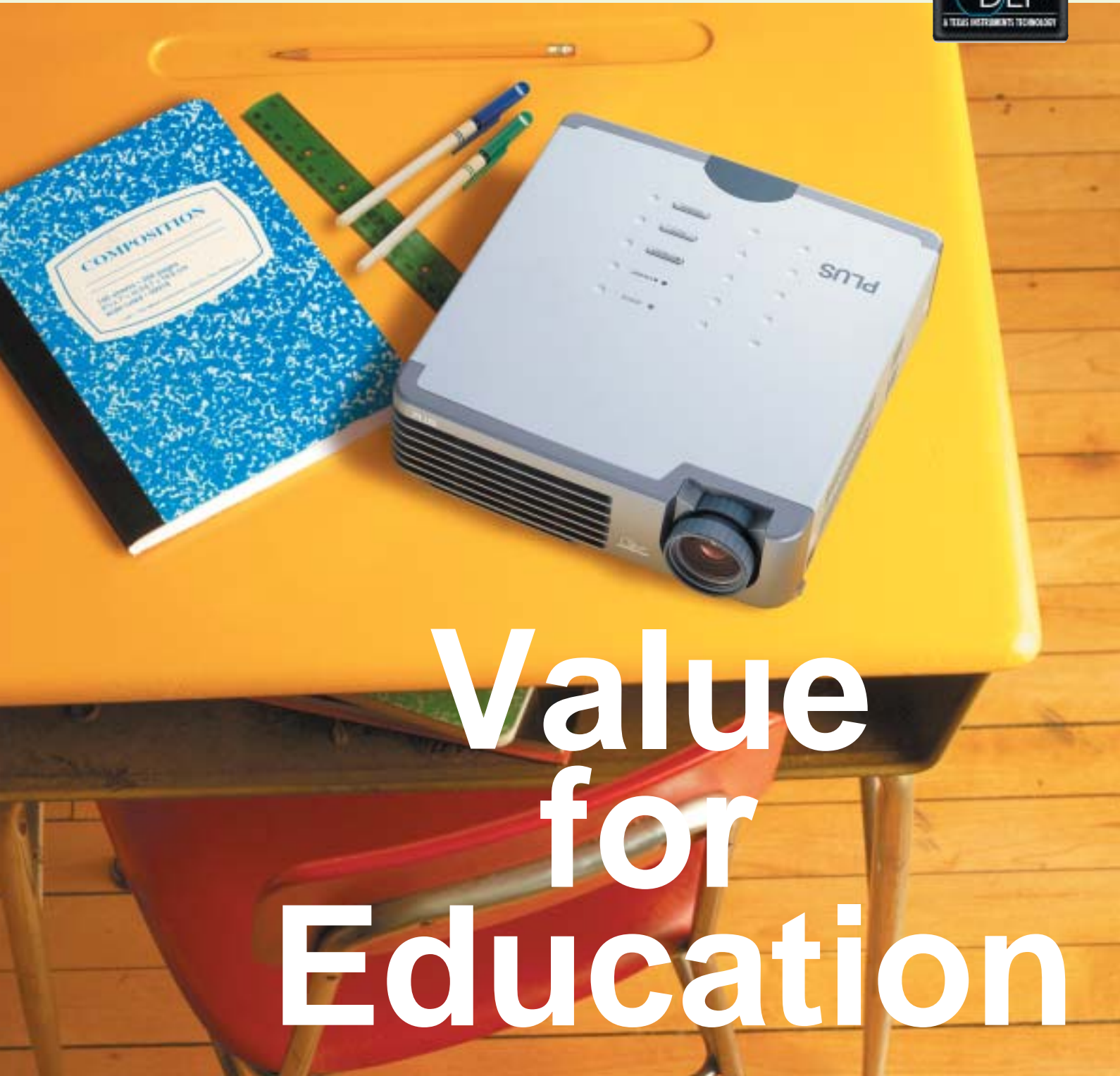


PLUS

Japan's No.1 DLP™ Projector Manufacturer*1

U5 Series
Digital Projectors



Value for Education

**Now with the RGB output terminal so essential for educational use.
Offers outstanding performance featuring
an Advanced Color Wheel (ACW) for enhanced color reproduction.
Not to mention a cost/performance ratio that puts it at the head of its class.**

- ◎ Weighs only 1.9 kg, with a footprint smaller than a magazine—but projects with a brightness of 1,800 lumens.
- ◎ High contrast-ratio of 2,000:1 means clean, crisp reproduction of text, charts, and photographs—ideal for educational applications.
- ◎ Equipped with the RGB output terminal indispensable for educational use (U5-512).
- ◎ Advanced Color Wheel for enhanced color reproduction.
- ◎ Four color mode options: standard, dynamic, picture, and custom.

Digital Projector **U5** NEW Series

U5-512 **True SVGA** Zoom lens U5-532 **True XGA** Zoom lens

*1: Study by Fuji Chimera Research Institute, Inc., 2004

Small and light at about the size of a magazine and just 1.9 kg, yet it delivers 1,800 lumens of brightness and a wealth of other functions.



Easy Setup

Auto-source: Identifies and projects RGB and video input sources automatically.

Auto-adjustment: Automatically tunes the RGB phase, clock frequency, and resolution to achieve the optimal image.

Digital keystone correction (vertical): Image skewing resulting from a screen that is out of vertical alignment with the projector (keystoning) can be corrected digitally.



Digital keystone correction

Quick Color Adjustment function: Enables you to switch quickly between Standard mode, Dynamic mode which places priority on brightness, Picture mode with the emphasis on color reproducibility, and Custom mode.

PLUS' s unique technologies exploit the strengths of DLP™ technology to the full

PLUS has created a projector that offers astounding compactness, lightness, and brightness by combining the technologies it has gained from its development of mobile projectors over the years and DLP™ technology which is ideal for compact projectors using a single-chip Digital Micromirror Device (DMD) system. A high contrast of 2,000:1 offers a superlative brightness that seems in actual use to supersede specifications. In addition, the DLP™ technology minimizes the longitudinal alteration that often occurs with LCD projectors when used over a long period of time and preserves stable picture quality.

Specifications

	U5- 532 ^{True} XGA	U5- 512 ^{True} SVGA
Projection System	DLP™	
Panel	DMD XGA x 1	DMD SVGA x 1
Resolution	1024 pixels x 768 pixels	800 pixels x 600 pixels
Brightness	1800 lm *1 (Eco-mode: approximately 20% less brightness)	
Contrast Ratio	2000:1 (Full on/ off)	
Aspect Ratio	4:3, supports 16:9	
Projection Lens	F2.6-2.9, f= 20.0-24.0 mm, 1:1.2 Manual Zoom, Manual Focus	
Light Resource	200-watt High Performance Compact Lamp	
Lamp Life	2,000 hours (Normal mode), 3,000 hours (Eco-mode)	
Color Palette	16.7 million colors	
Projecting Position	Front/ Rear, Table/ Ceiling	
Projection Distance	1.2-11.1 m	
Image Size	28" -300" diagonal	
RGB Signal (Input)	SXGA (Compression), XGA (True), SVGA/ VGA (Expansion/ True)	XGA (Compression), SVGA (True), VGA (Expansion/ True)
Video Signal	NTSC3.58, NTSC4.43, PAL, PAL_N, PAL_M, PAL6.0, SECAM, YCbCr (NTSC, PAL), YPbPr (480p, 576p, 1080i, 720p)	
Horizontal Synch Range	15-80 kHz	
Vertical Synch Range	50-85 Hz	
Audio	Mono 0.8-watt	
Terminals (Input)	RGB/ YCbCr/ YPbPr: Mini D-Sub 15 pin x 1 Composite Video: RCA x 1 S-Video: Mini DIN 4 pin x 1 Audio (RGB/ Video): ø3.5 mm Stereo Mini Jack x 1 PC Control: D-Sub 9 pin x 1 Remote Mouse: USB Type B x 1 *2	RGB/ YCbCr/ YPbPr: Mini D-Sub 15 pin x 1 Composite Video: RCA x 1 S-Video: Mini DIN 4 pin x 1 Audio (RGB/ Video): ø3.5 mm Stereo Mini Jack x 1 Remote Mouse: USB Type B x 1 *2
Terminals (Output)	- RGB/ YCbCr/ YPbPr: Mini D-Sub 15 pin x 1	
Color	Silver	
Dimensions Excluding lens and stand	60 mm (H) x 216 mm (W) x 240 mm (L)	
Weight	1.9 kg	
Power Supply	100-240 V AC at 50/ 60 Hz	
Power Consumption	280 watts (Normal mode), 250 watts (Eco-mode), under 10 watts (Standby)	
Environment	32-95 °F/ 5-35 °C	
On-Screen Display Languages	English/ German/ French/ Italian/ Spanish Swedish/ Korean/ Chinese/ Japanese	
Functions	Full-Auto Adjustment Digital Keystone Correction (Vertical: +17/ -18 degrees) Digital Zoom (2x), Freeze, Mute Quick Color Adjustment, Presentation Timer, Security Password	
Accessories	Lens Cap x 1 IR Remote Control (Card type) x 1 CR2025 (3V Lithium Battery) x 1 (for Remote Control) Power Cable (1.8 m) x 1 VGA Cable (Mini D-sub 15 pin/ 2 m) x 1 S-Video Cable (Mini DIN 4 pin/ 2 m) x 1 Video Cable (RCA/ 2 m) x 1 Audio Cable (ø3.5 mm Mini Plug/ 2 m) x 1	Mini Jack to RCA Adapter (ø3.5 mm Stereo Mini Jack - RCA/ 0.15 m) x 1 Soft Case x 1 Cable Case x 1 User's Manual (CD-ROM) x 1 User's Manual (Simplified Edition) x 1 Security Label x 1
Optional Accessories	User-Replaceable Lamp Unit, Ceiling Mount Kit Remote Mouse Set (Remote Control w/ Laser Pointer, USB Cable)	

*1: In Dynamic mode *2: Remote Mouse Set (VR-100) is sold separately.

Special Features for Presentations

Presentation timer: Indicates the remaining presentation time on screen, and allows you to manage time without keeping an eye on your watch.



Presentation timer

Full-function remote-control card: Ultra-portable card-type remote control is supplied as a standard feature.

Eco-mode: By projecting with approximately 20% less brightness, the power consumption and cooling fan noise can be reduced and the lamp life lengthened.

Front ventilation: Keeps the exhaust air away from audience members who sit on the side of the projector, providing a distraction-free viewing environment.



card-type remote control

High-resolution Image Reproduction

RGB output terminal: Allows you to connect a separate external monitor to your projector. (U5-512)



Compatible with progressive DVD input (480p, 576p) and HDTV broadcast (1080i, 720p): With the component video cable you can input progressive DVD and HDTV (1080i, 720p) signals. A 16:9 aspect ratio is also supported.

Line-doubling function: I-P conversion makes possible even smoother reproduction of video images.

Superior Security Options

Security Password: Projectors can be set to require the input of password at startup. We recommend affixing a label to your projector indicating that it is password-protected to prevent tampering or theft.

Security slot: Accommodates use of third-party anti-theft cables. The cable attaches to a desk or other fixed object, and the lock fits snugly into the security slot.

Advanced Color Wheel (ACW) allows for further enhancement of color reproduction

PLUS's unique ACW preserves brightness, while allowing for superlatively enhanced color reproduction and astoundingly clear picture quality attainable only with DLP™ technology.



PLUS Vision Corp. has ISO 9001 certification.
Certificate No. 1210017398 TMS



PLUS Vision Corp. has ISO 14001 certification.
Certificate No. NQE-0210118A



The PLUS Group

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Specifications are subject to change without notice.

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