

Panasonic

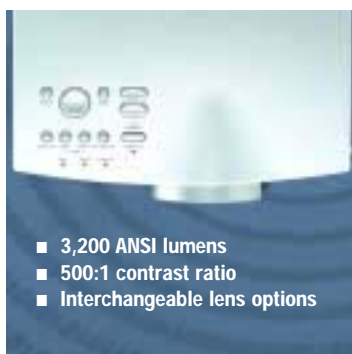
Wired and Wireless Projector

PT-L780NTU

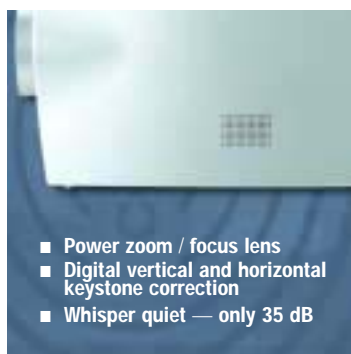
Presentation
Solutions by
Panasonic
Global
Connection via
the Web



Across the room or across the world—
Concentrate on your presentation with no
worries about cables, inputs or set-ups



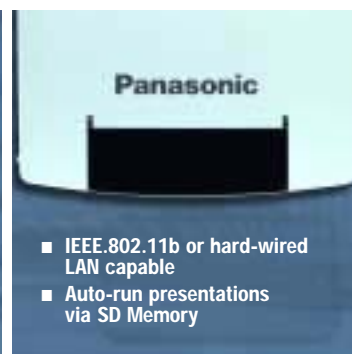
- 3,200 ANSI lumens
- 500:1 contrast ratio
- Interchangeable lens options



- Power zoom / focus lens
- Digital vertical and horizontal keystone correction
- Whisper quiet — only 35 dB



- AV, IT and digital terminals
- Digital Cinema Reality™
- sRGB compatibility



- IEEE.802.11b or hard-wired LAN capable
- Auto-run presentations via SD Memory

Panasonic ideas for life

A projector that not only projects, but tells a story, too



Panasonic brings forth a substantial increase in efficiency and stunning images to all your presentations with the new PT-L780NTU portable networkable projector. Designed around our most advanced projector technology, this fully AV and IT compatible unit is the ideal network-ready projector for all collaborative and singular presentations.

In university classrooms, lecture halls, government offices, libraries, corporate meeting rooms and retail environments, the PT-L780NTU lets you spend more time connecting with your audience, and less time worrying about cables, inputs and set-ups.

In business, your sales teams will realize greater customer response through wireless, collaborative presentations. In education, your school system's I.T. staff can remotely control and monitor our projectors across the campus.

In fact, in every application, our projection technology will help you do your job as never before.

Maximum Flexibility

We've put together the widest range of features imaginable to make this the projector-of-choice for any and all applications.

Starting with brightness, light up the screen with 3,200 ANSI lumens and a razor sharp XGA native resolution. Now add installation-oriented features like network-readiness with Wireless

Wireless Manager

S O F T W A R E

Manager software and a port for Panasonic's high-capacity SD Memory card. Also standard are AV, IT, digital and control terminals; including, two RGB



with loop-through, BNC connectors for professional VTRs, DVI, RJ-45 for hard-wired LAN's or IEEE.802.11b wireless, USB, RS-232, and of course, audio — all connected simultaneously.

Each PT-L780NTU is HDTV-ready and includes advanced video processing. A 3D digital comb filter greatly improves screening quality from composite video sources, while a Digital Cinema Reality™ circuit enhances viewing quality from film-based video sources. We've even added sRGB compatibility to ensure



proper color translation and representation.

The PT-L780NTU features state-of-the-art interface controls.

Interchangeable lenses

Power, focus and zoom controls

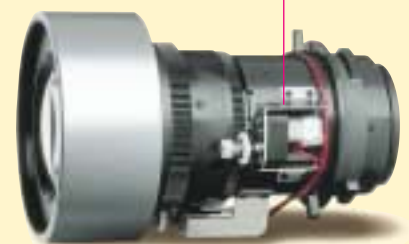
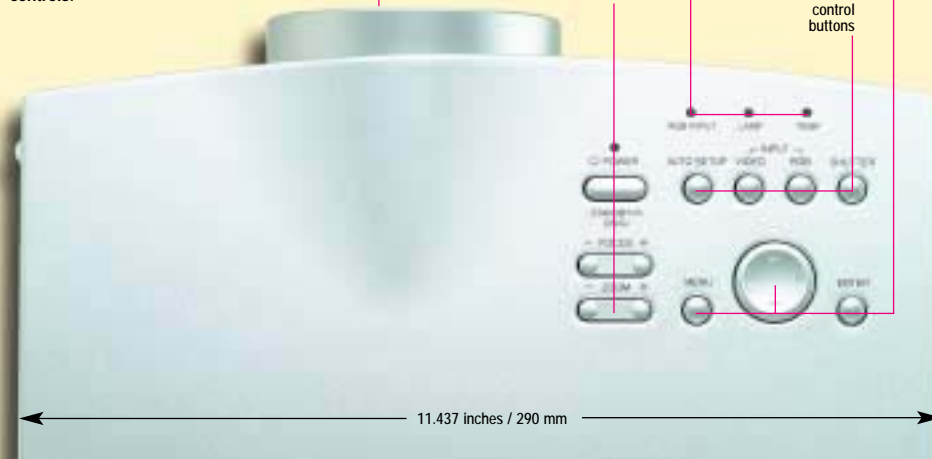
Status indicator lights

Auto setup, input and shutter control buttons

Menu control buttons

Interchangeable lenses are available for the perfect image.

Power zoom/ power focus



Installation and integration is easy with powered zoom and focus, one-touch auto set-up, plus vertical and horizontal keystone correction to trim up any imperfect alignment of projector to screen. We also offer a variety of optional lenses so your image fits the screen size exactly. A supplied cable cover centers the lens and secures the cables and terminals; and lamp replacement is a snap—just open the back panel and install a new lamp.



Wireless Manager—easy to use over IEEE.802.11b wireless or wired LAN

We've also added password protection to limit access, and a control panel key lock prevents unwarranted physical tampering.

A Better Academic Model

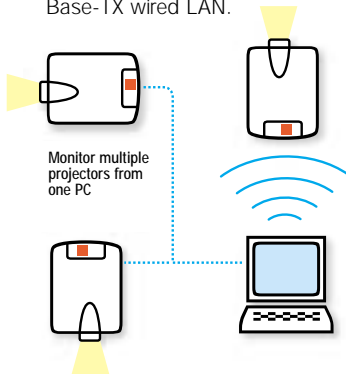
The PT-L780NTU is the ideal teacher's assistant, allowing you



The One-Touch Auto Setup features a built-in gravity sensor plus digital keystone correction.

Secure Investment

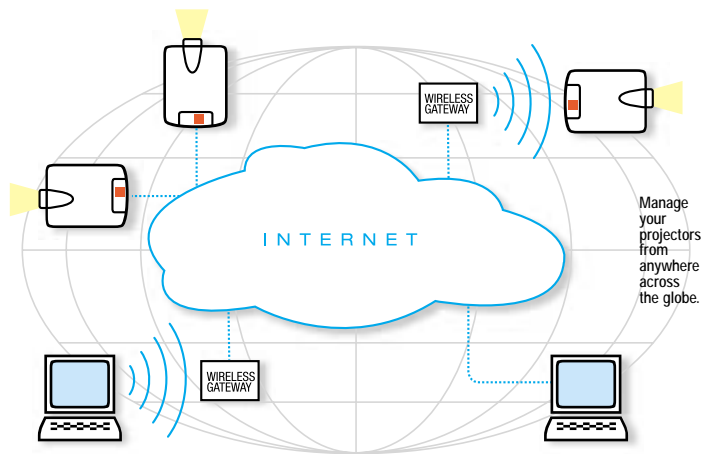
Wireless Manager software displays easy-to-use controls for all projector functions, and provides remote monitoring to check on all critical operations, including remaining lamp life. Simply connect to a standard Internet browser over an existing IEEE.802.11b wireless,¹ or 10/100 Base-TX wired LAN.



Monitor multiple projectors from one PC

of a PC to change the projector's video source from laptop, to DVD to VHS to IT Network, even upload presentations and adjust lamp intensity with a single keystroke. Students and instructors can participate in wireless, collaborative presentations by networking multiple laptops to one projector. Later, the entire presentation can be stored onto SD Memory cards and distributed to all students.

In fact, not only can a university I.T. department monitor and control any connected PT-L780NTU via their existing on- or off-campus LAN, instructors too can remotely access networked PT-L780NTUs to transmit class presentations anywhere in the world. And once

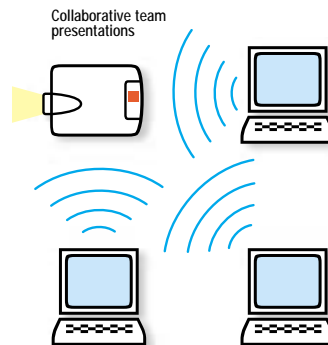


Manage your projectors from anywhere across the globe.

the presentation is received, it can be stored on the PT-L780NTU's SD Memory card.

Getting Down to Business

The PT-L780NTU is ideal for business presentations. Since it's I.P. addressable, like your office printer, it enables you to network multiple laptops, to a single projector² for collaborative team presentations.



And with our Wireless Manager's storyboard interface, it's easy to select and transmit any file to any projector. Wirelessly transmit text documents, spread sheets,



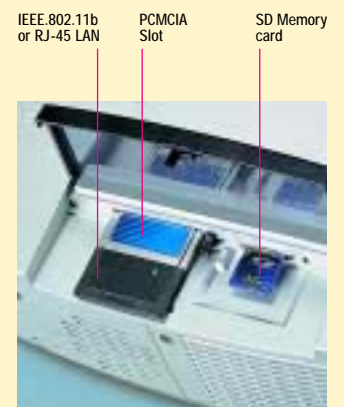
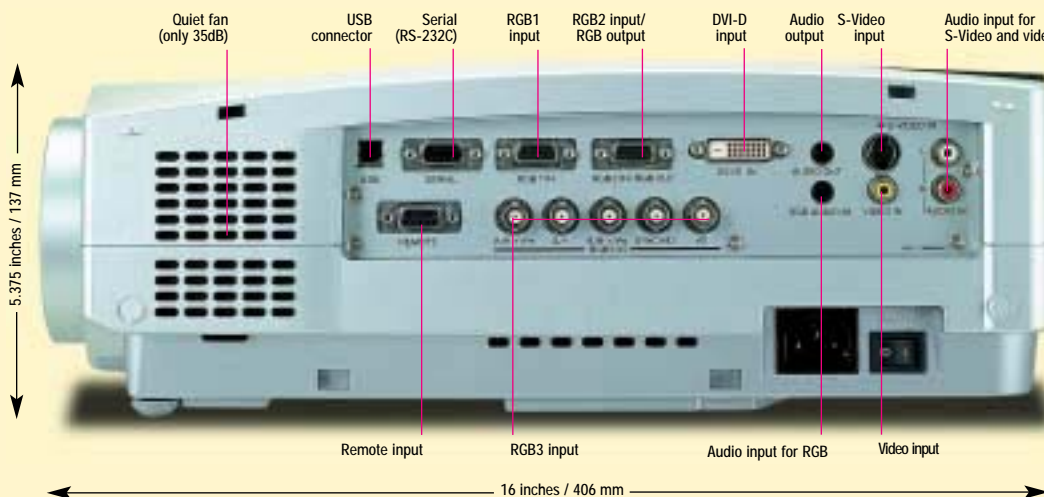
Panasonic's proprietary Wireless Manager storyboard interface

graphical presentations, and even JPEG photos. All sent from multiple computers, wirelessly, without having to connect and reconnect cables from one PC to another.

A unique Capture Mode allows for instant transmission of anything on your PC, even Excel[®] spreadsheets, PowerPoint[®] slides, and Microsoft Word[®] documents. Just move the Camera icon to the highlighted area, window, or entire screen and send it to the projector. It's as simple as taking a photo.

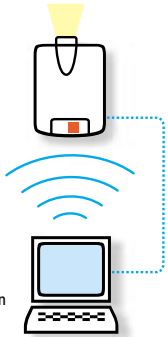
The PT-L780TU also wins over customers in the retail environment with the benefits of large screen projection for in-store messages, enhancing brand awareness, and of course, sales.

¹ For wireless connection, PC requires optional wireless network interface card or must be IEEE.802.11 enabled.
² Wireless transfer rate of up to 11 Mbps over 125-foot distance.



Removable Storage Convenience

The PT-L780NTU offers a multi-purpose SD Memory function which allows your presentation files to be uploaded, via hard-wired or wireless, from any PC on your network onto the on-board SD Memory card. SD Memory presentations are also convenient



Upload your presentation directly to SD Memory.

SD to share. Select an auto-run presentation and even control the slide order inside the SD Memory Card. SD Memory is perfect for displaying digital camera pictures and sales presentations.

It's vividly clear, the PT-L780NTU is the projector for today's demanding apps. Its feature set, performance and cost-effectiveness are unparalleled, making it the ideal choice for your facility.



Cable cover

- XGA native resolution
- Light weight, only 13 lbs.
- Remote control and monitoring
- Network password protection
- Control panel key lock
- Easy lamp replacement
- One-touch auto setup
- HDTV compatible
- 3D digital comb filter

PT-L780NTU Specifications		Supplied Accessories
Native Resolution . . . XGA 1024 x 768	Optical Axis Shift . . . 10:0 (fixed)	Power cord
Brightness 3,200 ANSI lumens (with supplied lens)	Digital Keystone Vertical: ±35°	AV cable
Display Technology . . . LCD 1.0" diagonal with Micro Lens Array	Correction with no horizontal correction*	Cable cover
Pixels: 786,432 (1,024 x 768) x 3	Horizontal: ±7°	Safety lid for LAN card slot
(total of 2,359,296)	with no vertical correction*	Instructional Manual
Contrast Ratio 500:1	*With supplied lens. Correction range differs when both vertical and horizontal keystone distortions are corrected at the same time. This also differs depending on input signal.	Battery (remote control)
Lens Powered zoom/focus (1:1–1:1.3), F 1.7–2.1, f 40.7–52.8 mm	Installation Ceiling/desk, front/rear (menu selection)	8MB SD memory card
Lamp 270 W UHM lamp / 2000 hours (low lamp power mode)	Audio 2 x 2.0 W	Warranty card
Projection Size 40–300 inches/1,016–7,620mm diagonally (4:3 aspect ratio)	Terminals:	Lens cap
Colors Full color (16.7 million colors)	DVI-D IN DVI-D 24-pin x 1	
Center-to-Corner Uniformity Ratio 90%	RGB1 IN D-sub HD 15-pin x 1	
H-Synch Range 15–91 kHz	RGB2 IN/RGB OUT D-sub HD 15-pin x 1	
V-Synch Range 56–87 Hz	(Selectable with on-screen menu. Serves as RGB1 output, or RGB3 output.)	
Computer Compatibility VGA, SVGA, XGA, SXGA, UXGA, Mac	RGB3 IN 5-BNC x 1	
Video Compatibility NTSC, M-NTSC, PAL, PAL-M, PAL-N, PAL60, SECAM, YPbPr (480i/525i, 625i, PAL60, 480p/525p, 720p/750p, 1080i/1125i)	AUDIO IN M3 (L, R) x 1 (common for DVI-D, RGB1, RGB2 and RGB3 inputs)	
	VIDEO IN RCA x 1	
	S-VIDEO IN Mini DIN 4-pin x 1	
	AUDIO OUT RCA x 2 (VIDEO/S-VIDEO)	
	AUDIO OUT M3 (L, R) x 1	
	SERIAL D-sub 9-pin (female) x 1 for external controller (RS-232C)	
	REMOTE IN D-sub 9-pin (female) x 1 for external controller	
	USB MOUSE 4-pin B-type x 1, for wireless remote mouse control	
	LAN Card Slot x1: Optional Wired LAN Interface Card (ET-CDLAN1)	
	Optional Wireless LAN Interface Card (ET-CDWL1)	
	SD Memory Still images, JPEG/EXIF2.1 compliant, Card Slot x1	
	PNG, compatible with multimedia cards	
	Dimensions 11-7/16" (W) x 5-3/8" (H) x 16" (D)	
	290mm (W) x 137mm (H) x 406 mm (D)	
	*Dimensions w/cable cover detached	
	Weight 13 lbs / 5.9 kg	
	Power Supply 100V – 240V, 50/60 Hz	
	Power Consumption 380 W (during standby mode with fan stopped; Max. 3.5 W)	
	Operating Temp 32°–104°F (0° – 40°C)	
	Audible noise 35dB (low lamp power mode)	
		Full-function remote control w/laser pointer
		CD-ROM (Wireless Manager, Image Creator)
		Instructional Manual
		Warranty card
		Lens cap
		Optional Accessories
		IEEE.802.11b ET-CDWL1
		Wireless Network card (for PC or projector)
		RJ-45 LAN card (for projector) ET-CDLAN1
		Replacement lamp ET-LA780
		High ceiling mount bracket ET-PK780
		Low ceiling mount bracket ET-PK780S
		1.3 to 1.7:1 zoom lens* ET-LE10
		2.6 to 4.2:1 zoom lens* ET-LE20
		4.0 to 5.6:1 zoom lens* ET-LE30
		Wireless USB mouse receiver ET-RMRC1
		DVI-D cable ET-SCDW3
		* user replaceable

Lens Description Model Number	1.3 to 1.7:1 Short Throw ET-LE10 — Optional		1.9 to 2.6:1 Standard Throw Supplied		2.6 to 4.2:1 Medium Throw ET-LE20 — Optional		4.0 to 5.6:1 Long Throw ET-LE30 — Optional	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
Diagonal Image								
40" / 3.3' / 1.0m"	3.6' / 1.1m	4.3' / 1.3m	5.2' / 1.6m	6.6' / 2.0m	6.9' / 2.1m	10.8' / 3.3m	11.2' / 3.4m	15.1' / 4.6m
60" / 5.0' / 1.5m"	5.2' / 1.6m	6.6' / 2.0m	7.9' / 2.4m	10.2' / 3.1m	10.5' / 3.2m	16.4' / 5.0m	16.4' / 5.0m	22.6' / 6.9m
80" / 6.7' / 2.0m"	7.2' / 2.2m	8.9' / 2.7m	10.5' / 3.2m	13.8' / 4.2m	14.1' / 4.3m	22.3' / 6.8m	21.7' / 6.6m	30.2' / 9.2m
100" / 8.3' / 2.5m"	8.9' / 2.7m	11.5' / 3.5m	13.1' / 4.0m	17.4' / 5.3m	17.7' / 5.4m	27.9' / 8.5m	26.9' / 8.2m	37.7' / 11.5m
150" / 12.5' / 3.8m"	13.1' / 4.0m	17.1' / 5.2m	20.0' / 6.1m	25.9' / 7.9m	26.9' / 8.2m	42.3' / 12.9m	40.4' / 12.3m	56.8' / 17.3m
200" / 16.7' / 5.1m"	17.7' / 5.4	23.0' / 7m	26.6' / 8.1m	34.8' / 10.6m	36.1' / 11.0m	56.4' / 17.2m	53.5' / 16.3m	75.5' / 23.0m
250" / 20.8' / 6.4m"	22.0' / 6.7m	28.9' / 8.8m	33.1' / 10.1m	43.6' / 13.3m	45.3' / 13.8m	70.9' / 21.6m	66.9' / 20.4m	94.2' / 28.7m
300" / 25.0' / 7.6m"	26.6' / 8.1m	34.8' / 10.6m	40.0' / 12.2m	52.5' / 16.0m	54.1' / 16.5m	85.3' / 26.0m	80.1' / 24.4m	113.2' / 34.5m



Lens-aligned mounting brackets for both high or low ceilings are available as optional accessories

VISUAL TECHNOLOGIES CORPORATION
www.visualtec.com
 1620 Burnet Avenue
 Syracuse, NY 13206
 (315) 423-2000 tel
 (315) 423-0004 fax
 contact@visualtec.com

Please contact Panasonic or your dealer for a demonstration.

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