

World's first automatic projectors

LT30 and LT35 digital projectors.



WORLD'S FIRST AUTOMATIC
PROJECTOR

QUICK SET UP AND COOL DOWN

AUTOMATIC KEYSTONE
CORRECTION

ADVANCED VIDEO PROCESSING

LAMP SAVER TECHNOLOGY

INSTANT SHUT-DOWN

DLP™ TECHNOLOGY

As the world's first automatic projector sporting a footprint smaller than a sheet of paper, the LT30/35 is bright, powerful and packed with technological innovations.

EVERYTHING IS AUTOMATIC TO MAKE PRESENTING EASY FOR YOU.

- **Automatic focus** instantly provides sharp focus of projected image.
- **Automatic start-up** enables projector to be powered on once connected to an outlet.
- **Automatic shut-down** enables projector to power off automatically once disconnected from the outlet.
- **Automatic vertical keystone correction** SquareShot™ technology instantly projects a square image even when the projector is set up at a steep offset angle to the screen.
- **AutoSense™** intuitively syncs the projector with most computer signals and features one-touch image optimization.

ADAPTABLE TO VIRTUALLY ANY APPLICATION.

- **High brightness** up to 3,000 lumens packed into a projector with a footprint smaller than a sheet of paper.
- **Advanced video processing** with IP conversion and 3-2/2-2 pull down provides error free interpolation for moving video resulting in a smooth image with greater detail.
- **Advanced AccuBlend™** ensures detailed images even when non-native resolution sources are connected to the projector.
- **Built-in wall color correction** presets provide for adaptive color tone correction to display properly on non-white surfaces.
- **PC control** port enables external control of the projector using a computer or control system.

LOW COST OF OWNERSHIP WHILE EXTENDING THE LIFE OF THE PROJECTOR.

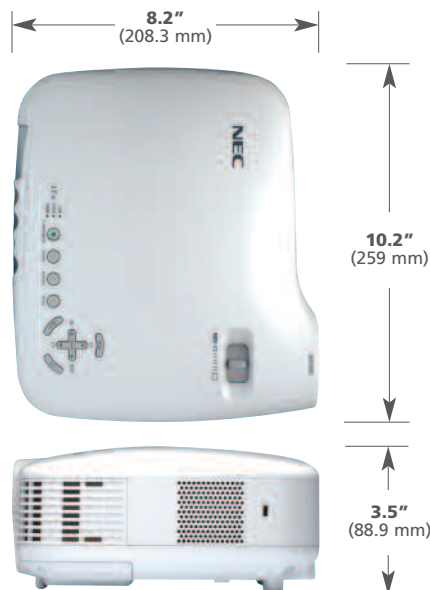
- Extended lamp life with **Eco-mode™ technology** that increases lamp life by up to 50%.
- Lamp saver technology complete with **direct power off** protects the lamp when the projector is turned off. The built-in sensors protect the lamp and projector from overheating.
- Enhanced **multi-level security features** protect your investment.
 - Integrated lock slot - attach security cable to physically lock down the projector
 - Cabinet control lock - setting to deactivate buttons on cabinet to prevent unwanted changes to projector settings.
 - Logo lock - restricts changes to logo saved in projector memory
 - Password protection restricts unauthorized use of projector
- **Quiet operation** at <33dB in Eco-Mode.



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Because it's your image

NEC



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OPTICAL

Display Technology	0.7" DLPTM Chip	
Resolution	Native:	XGA 1024 x 768
	Maximum:	SXGA+ 1400x1050
Light Output (lumens)	LT30	2600 normal, 2200 eco
	LT35	3000 normal, 2300 eco
Contrast Ratio	1600:1	
Lamp Type	LT30	200W AC
	LT35	220W AC
Lamp Life (up to)	LT30	2000 hours normal, 2500 hours eco
	LT35	2000 hours normal, 2500 hours eco
Screen Size (diagonal)	30-300 in, 762-7620 mm	
Throw Ratio	1.8-2.2	
Projection Distance	3.51 to 43.6 ft, 1.07 to 13.3m	
Projection Angle	9.7 to 10° tele/11.6 to 12.1° wide	
Lens	Zoom	Manual
	Focus	Automatic/manual
	F-#, f-#	F=2.4 to 2.6 mm, f=25.7 to 30.8mm
Keystone Correction	Automatic ± 16°	

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate	Horizontal	15 to 100 kHz
	Vertical	50 to 85 Hz
Supported Video Standards	NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM	
SD/HD Video Signal Compatibility	1080i, 720p, 576p, 576i, 480i, 480p, Y/Cb/Cr component (with optional adapter - ADP-CV1)	
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, SXGA+	
Macintosh Compatibility	Yes	
Input/Output Terminals	RGB 1 (analog)	15 pin
	Video 1	RCA
	Video 2	S-Video
	Audio	1 mini
Audio	1W monaural	
External Control	RS232, IR	
Sync Compatibility	Separate Sync/Composite Sync/Sync on G	

ELECTRICAL

Power Req.	100 - 240VAC, 50/60Hz
Input Current	2.8/1.3A
Power Consumption	260W/230W

MECHANICAL

Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	10.2x8.2x3.5 in, 259x208.3x88.9 mm
Net Weight	4.4 lbs, 2.0 kg
Fan Noise	LT30 37 dB normal/33 dB eco LT35 40 dB normal/33 dB eco
Regulations	USA UL 1950 FCC Class B, Canada CSA950 (C-UL), NOM

ENVIRONMENTAL

Operational Temp	41° to 104°F / 5° to 40°C
Humidity	20-80% non-condensing
Storage	14° to 122°F / -10° to 50°C

WARRANTY

Registered owners receive a 3-year limited warranty including InstaCare. Includes three year limited warranty on parts and one year limited warranty on labor. The lamp is covered for one year or 500 hours - whatever comes first. InstaCare provides the original owner one year of either limited 3 business day repair/return or next business day exchange.

IN THE BOX

Carrying case, remote control, batteries, power cord, RGB signal cable, lens cap, user's manual on CD-ROM, quick start guide, product registration card

ACCESSORIES

Order Code	Description
LT30	4.4 pound, 2600 lumen, XGA Projector
LT35	4.4 pound, 3000 lumen, XGA Projector
LT30LP	Replacement lamp for LT30
LT35LP	Replacement lamp for LT35
ADP-CV1	15-pin to component video adapter
LT30CM	Ceiling mount
LT30ATA	Molded shipping case
SCP100	Suspended ceiling plate
PWRCRD-PIPX	Replacement power cable
RGBCL-PIPX	Replacement RGB cable
RMT-PJ20	Replacement remote
IRRCVR	Optional IR receiver enables remote mouse control for PC
LEATHERCASE	Padded leather briefcase for projector and laptop - designed to fit in most airline overhead compartments
LEATHERROLLER	Protective leather rolling case for projector and laptop - designed to fit in most airline overhead compartments

UNIQUE FEATURES

Advanced AccuBlend	Ensures detailed images when non-native resolution sources are connected to the projector.
Autosense	Automatically syncs with any computer signal and features one touch image optimization.
VORTEX™ Technology Plus	Breakthrough image processing technology improves white level, color accuracy, dynamic range and varying levels of black in an image.
SquareShot™	Instantly project a square image even when the projector is set up at a steep offset angle to the screen.
Eco-Mode™ Technology	Extends lamp life, lowers audible noise and reduces total cost of ownership.
Built-in Wall Color Correction	Presets provide for adaptive color tone correction to display properly on non-white surfaces.
Direct Power Off	Protects the lamp when the projector is turned off using a wall switch or power strip.
Power Management	Can be set to automatically shut down the projector when an incoming signal is not detected.



For more information, call 1.800.NEC.INFO
or visit www.necvisualsystems.com

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NEC Solutions (America), Inc.
Visual Systems Division
1250 Arlington Heights Rd., Suite 400
Itasca, IL 60143-1248

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