U Series

U300X and U310W ultra short throw projectors

The U300X and U310W ultra short throw projectors tout advancements such as DLP® technology and were designed with a feature set that makes them ideal for use in educational settings.

ESSENTIAL FEATURES FOR EASE OF USE

- Bright images can be easily viewed in most applications
- High contrast images (2000:1) from the latest Texas Instruments DLP engine featuring BrilliantColor™ technology with improved color accuracy
- Clearly labeled input panel provides intuitive setup
- Intuitive remote control provides one-touch source changes and complete menu control
- Integrated RJ45 connection for quick connection to the LAN (10/100 base-T capability
- Remote diagnostics enable the user to monitor and make adjustments to the projector remotely

DESIGNED WITH THE ENVIRONMENT IN MIND

- Extended lamp life with ECO Mode™ technology increases lamp life up to 3000 hours, while lowering power consumption
- Power management enables projector to automatically turn off when an incoming signal is not detected from any of the inputs
- Auto Power On, using the Direct Power On mode, turns on the projector when AC power is supplied
- Quick start (20 seconds) lets you begin presenting in seconds while quick shutdown (immediate power off with no cooling required after shutdown) ensures efficient energy usage

VERSATILE FEATURES AND POWERFUL PERFORMANCE

- Powerful 10-watt speaker provides volume needed for large classrooms and conference rooms
- Variable audio-out enables remote control to be used to adjust volume of self-powered external speakers that are connected to the projector. In stand-by mode, the audio-out stays active, allowing the last input used to pass to the self-powered external speakers.
- Virtual Remote™ (DDC/CI) over the VGA cable allows you to control the projector directly from a computer without the need for additional control cables
- Built-in wall color correction presets provide for adaptive color tone correction to display properly on non-white surfaces
- Plug and Play setup and operation optimizes images displayed from computers and video sources
- Native XGA and WXGA resolution projectors automatically sync with higher-resolution computers
- Flexible input panel connects with HDMI, dual computer, composite video, S-Video and component video (using optional 15-pin adapter cable)
- Compact size and lightweight design simplifies transport of projector
- 10-step image magnification with location control allows you to zoom in on key information
- AV mute and video image freeze allows you to control the presentation and focus audience attention
- Aspect ratio control provides standard and widescreen display
- Fine tune the image with color temperature, brightness and contrast adjustments

Ultra short throw creates a 77" standard or 87" widescreen diagonal image from a mere 23 inches, eliminating shadows on the screen along with projected light in the presenter’s eyes created by traditional front projection systems.

When combined with active shutter glasses (NP01GL), the 3-D Ready U300X and U310W use DLP Link™ technology, developed by Texas Instruments, to create 3-D images.
### Specifications for U300X and U310W

**OPTICAL**
- Display Technology: DLP by Texas Instruments with BrilliantColor
- Resolution: Native U300X: XGA 1024 x 768
  - U310W: WXGA 1280 x 800
- Maximum Light Output (lumens): U300X: 3000 normal / Eco = approx. 87% of normal mode
  - U310W: 3100 normal / Eco = approx. 87% of normal mode
- Contrast Ratio (up to): 2000:1
- Lamp Life (up to): 2500 hours normal / 3000 hours eco
- Screen Size (diagonal):
  - U300X: 63 to 85 in. / 160 to 2160mm
  - U310W: 77 to 100 in. / 196 to 2540mm
- Throw Ratio: 1.30:1
- Projection Distance:
  - U300X: 1.58 to 2.13 ft / 0.48 to 0.65m
  - U310W: 1.63 to 2.13 ft / 0.5 to 0.65m
- Projection Angle: 55°
- Lens: Manual
- Zoom: 1 - 1.1
- Focus: +2 to +15°
- Keystone Correction: Manual

**SIGNAL COMPATIBILITY/CONNECTIVITY**
- Scan Rate: Horizontal 15 - 91.1 kHz / Vertical 50 - 120 Hz
- Supported Video Standards: NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL 60, SECAM
- SD/HD Video Signal Compatibility
- PC Signal Compatibility
- Macintosh Compatibility

**Input/Output Terminals**
- RGB1 (analog)
- RGB2 (analog)
- RGB3 (digital)
- Video 1
- Video 2
- Audio 1
- Audio 2
- Audio 3
- Audio Out
- Monitor Out
- Audio: 10W speaker
- External Control: RS-232, IR, Wired LAN, USB
- Sync Compatibility: Separate Sync / Composite Sync / Sync on G

**ELECTRICAL**
- Power Requirements: 100 - 240V AC, 50/60 Hz
- Input Current: 3.5A / 1.5A
- Power Consumption (Normal): 360W / 315W
- Power Consumption (Standby): 3W / <0.5W
- (Power Saving): 3W / <0.5W

**MECHANICAL**
- Installation Orientation: Table/Front, Table/Rear, Ceiling/Front, Ceiling/Rear
- Dimensions (WxHxD): 16.8 x 7.9 x 16 in. / 427 x 200 x 406mm
- Net Weight: 14.3 lbs / 6.5 kg
- Fan Noise: 36 dB normal / 32 dB eco
- Regulations: USA UL 60950-1, FCC Class B, Canada CSA 60950-1 (C-UL)

**ENVIRONMENTAL**
- Operational Temperature: 41° – 104°F / 5° – 40°C
- Humidity: 20.0% – 80.0% non-condensing
- Storage: -4° – 122°F / -20° – 50°C
- Temperature: 20-80% non-condensing
- Fan Noise: 36 dB normal / 32 dB eco
- Regulations: USA UL 60950-1, FCC Class B, Canada CSA 60950-1 (C-UL)

**ACCESSORIES**
- Replacement lamp
- Wall mount
- Active shutter 3-D glasses
- Replacement remote control
- Optional dust filter
- Security cable for connection to projector
- Lightweight adjustable suspended ceiling plate for use with NEC ceiling mounts
- Component video adapter converts component video to D-sub 15-pin
- Power cable
- RGB cable
- Extends term of parts and labor warranty to 3 years
- Extends term of parts and labor warranty to 4 years
- Extends term of InstaCare service program to 2 years
- Extends term of InstaCare service program to 3 years

### UNIqe Features

**BrilliantColor™ technology** advanced video processing from Texas Instruments delivers more vibrant and realistic colors and blacks richer with detail.

**ECO Mode technology** extends lamp life, lowers audible noise and reduces total cost of ownership.

**Built-in closed captioning** enables decoding and display of text information from a video.

**Kensington lock slot** enables security cable to be attached to projector.

**10-step image magnification** with location control

### IN THE BOX
- Remote control, batteries, RGB cable, power cord, user’s manual, product registration card

### WARRANTY
- Registered owners receive a 2-year parts and labor warranty including the first year of InstaCare. The lamp is covered for one year or 500 hours - whichever comes first. InstaCare provides the original owner one year of either limited 3-business-day repair/return or next-business-day exchange.

### Wall mount (NP01WK1)
- This mount is available separately or as a bundle (NP-U300X-WK1 and NP-U310W-WK1).

### Ordering Model Numbers
- NP-U300X
- NP-U310W