



TW-75KL

Laser Projector

01

APPEARANCE

Model : TW-75KL



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FEATURES

❖ Long-lasting Laser light source

Stable and reliable laser light source has an ultra-long service lifespan of 30,000 hours. It can save more than 30% of energy consumption and solve problem of lumen depreciation.

❖ 4K Signal Compatible

The E-series support decoding 30Hz 4K signal and HDR for an ultra-high-resolution experience. The system also supports HDR (High Dynamic Range) and emulation for BT.2020.

❖ 3LCD Display Technology

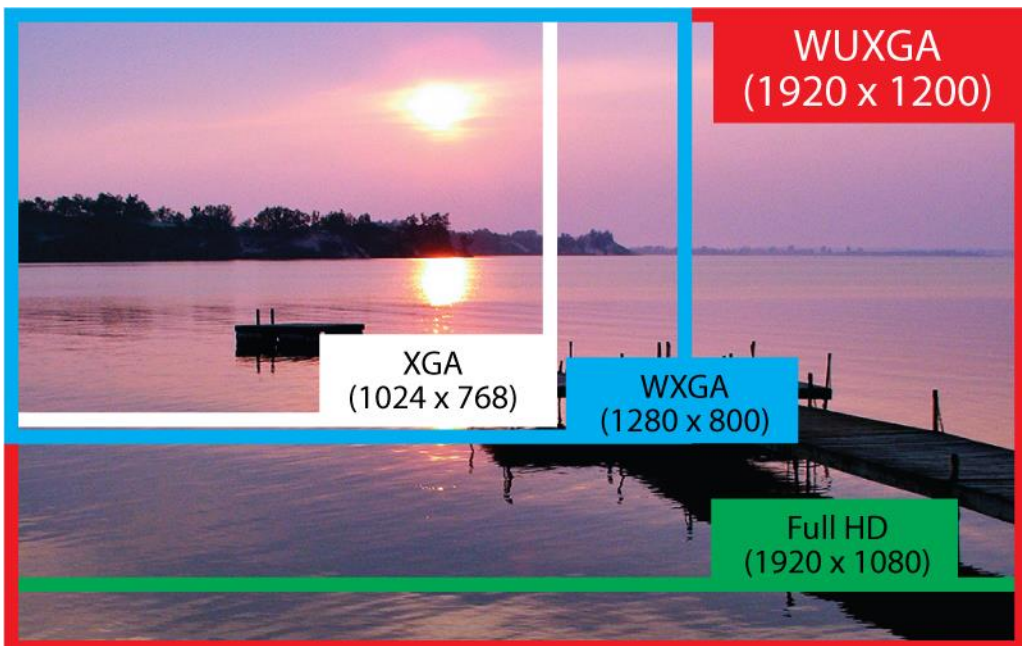
The 3LCD technology utilizes three separate liquid crystal panels, utilizing the photoelectric effect of liquid crystal molecules to control the transmittance and reflectance of the liquid crystal units through circuits, thus producing different colored images and grayscale levels. Compared to DLP, 3LCD offers more vivid, natural, and smooth dynamic image presentation, providing a more comfortable viewing experience that eliminates color fringing and delivers impressive large-scale visuals.

❖ 1.6x Optical Zoom Lens

Equipped with a 1.6x optical zoom lens, the projector effortlessly projects a 100" screen from a distance of 2.5m to 4m, providing convenient flexibility for installation.

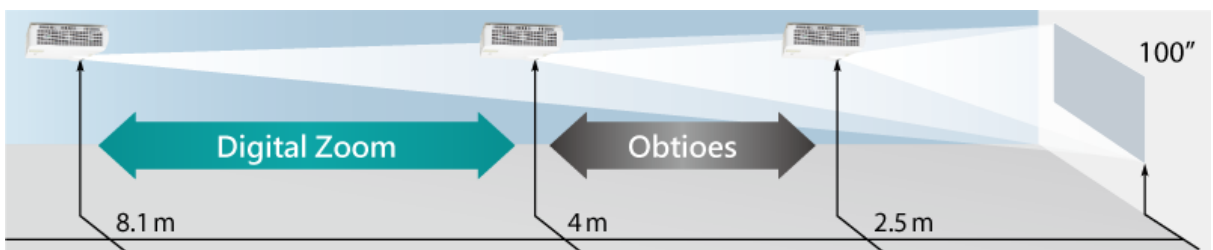
❖ All-in-One Performances

With a high resolution of WUXGA (1920x1200) and a brightness of 7500 lumens, the TW-75KL excels in professional performance whether in tiered classrooms or large well-lit conference rooms. In comparison to other projectors in its class, the TW-75KL features a sleek and lightweight design, weighing only 7.1kg. This makes it suitable for various environments without impacting the decor style and provides easy installation and storage.



❖ Digital Zoom Function

When upgrading school or business projectors, a consideration is whether the new projector fits the existing ceiling installation. With the newly introduced digital zoom function, the display can be proportionally reduced to fit your screen, reducing the need to reinstall the projector mount and saving time, money, and effort.



❖ Optional Short Throw Lens

You can opt for the 0.5 fixed short-throw lens and the 0.66-0.81 short-throw lens. Choose the suitable short-throw lens based on environmental needs, accommodating various installation scenarios even in confined spaces.



❖ Digital Shift Function

The digital zoom is paired with a digital shift function, allowing the shrunken image to be moved vertically, horizontally, and diagonally to the desired screen position, providing greater installation flexibility.

❖ Vertical, Horizontal, and Corner Keystone Correction Function

With vertical, horizontal, and corner keystone correction functions, distortion caused by projecting at angles or unusual orientations is easily rectified, ensuring the projection aligns with the screen.

❖ Multifunctional Remote Control Included

Equipped with 1 to 9 pairing codes, the remote control can control sets of projectors individually.

03

OTHER

- ❖ USB direct reading of pictures, audio, documents and videos
- ❖ Remote access and control of projector function (LAN)
- ❖ Multiple image modes, support DICOM simulation mode
- ❖ Automatic hanging straightening function
- ❖ Support high-altitude mode
- ❖ Quick switch Machine functions
- ❖ Power-off protection function
- ❖ Energy-saving mode selection
- ❖ One-click black screen function

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INTERFACE DIAGRAM



| | | |
|--|---|--------------------------------|
| Model | TW-75KL | |
| Display Technology | Liquid Crystal Display | |
| LCD Panel | 3x0.64"(16:10) | |
| Brightness | 7500 Lm | |
| Resolution | WUXGA (1920x1200) | |
| Picture Uniformity | ≥90% | |
| Contrast | 5000000:1 | |
| Light Source | Laser Diode | |
| Light Source Life | Normal Mode: 20,000 Hours, ECO Mode: 25,000 Hours | |
| Lens | F1.6~2.25, F=16.09~25.75mm, 1.6x Zoom Ratio | |
| Projection Size | 30"~300" | |
| Projection Distance | 0.71~12.16m | |
| Throw Ratio | 1.10~1.88 | |
| Throw Ratio (Optics And Digital Zoom Common) | 1.10~3.76 | |
| Value Aspect Ratio | 16:10 (Compatible With 4:3) | |
| Noise | Normal: 38db, ECO: 32db | |
| Digital Keystone Correction | Vertical: ±40° (Auto + Manual), Horizontal: ±15° (Manual) | |
| Input Interface | Computer | VGA In (D-sub 15pin) ×1 |
| | Computer Sound Effects | Audio In (Mini Jack, 3.5mm) ×1 |
| | Video | HDMI ×2 Video In (RCA) ×1 |
| | Other Interfaces | Usb-type A ×2 |
| Output Interface | VGA Out (D-sub 15pin) ×1 Audio Out (Mini Jack, 3.5mm) ×1 | |
| Control Interface | RS232C (D-sub 9pin) ×1 RJ-45 ×1 (Control) | |
| Computer Signal | PC-VGA, SVGA, XGA, SXGA, WXGA, WUXGA / Mac | |
| Video Input Signal | NTSC (720p, 1080p) | |
| Scanning Frequency | Horizontal: 15~90khz, Vertical: 50~80hz | |
| Projection Method | Front Projection/Rear Projection, Desktop/Suspended | |
| Trumpet | 10w×1 | |

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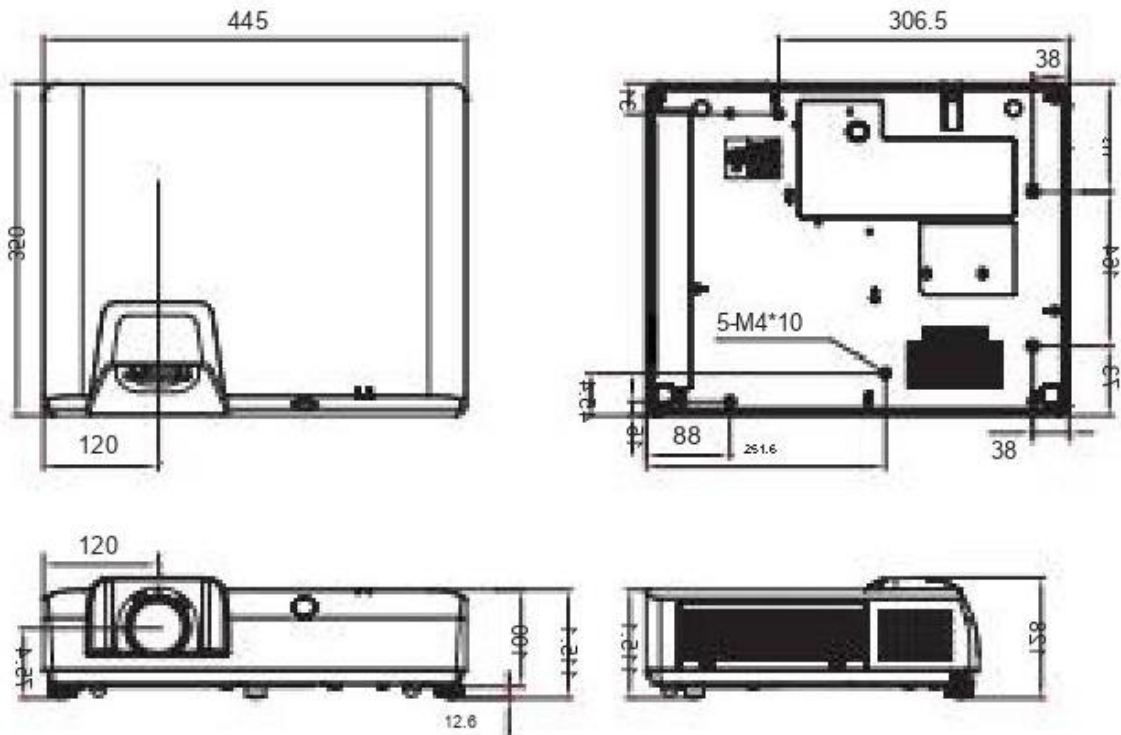
SPECIFICATIONS

| | |
|---|---|
| Weight | 7.1 Kg |
| Dimensions (Length × Width × Height) | 445×350×100mm (Excluding Protruding Parts) |
| Power Supply | 100~240V AC (50/60hz) |
| Standby Power Consumption | < 0.5w |
| Operating/Storage Temperature | 0°C~40°C / -10°C~60°C |
| Operating/Storage Humidity | 20%~80% (Non-condensation) / 20%~80% (Non-condensation) |
| Standard Equipment | Multi-function Remote Control, Power Cord, Quick Start Card, Certificate, Warranty Card |

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APPEARANCE SIZE

Unit: mm



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