

BENQ- Projector LU935ST- Black



DESCRIPTION

Vivid clarity in bright ambient environments with powerful 5500 lumen projection

For simulators with larger impact screens, you need a brighter projector to ensure your picture doesn't get washed out. And golf simulators require more light for the tracking cameras to photograph and analyze hits, with the main consequence being that projectors built for golfing simulators need to put out a lot of brightness. The LU935ST's 5500 lumens provide users with bright projection that fills a typical 13-foot or wider impact screen while delivering excellent image quality.

16:10 WUXGA (1920x1200) resolution with HDR enabled

Beyond higher resolution that exceeds full HD 1080p, WUXGA (1920x1200) provides a taller 16:10 display, an aspect ratio that offers users more room to swing. HDR10 support with BenQ's exclusive Auto HDR Color Rendition means the LU935ST's high dynamic range performance offers greater brightness, contrast, and image optimization.

Amazing color accuracy in golf mode

In some laser projectors, color aberration can cause excess blues and purples where they are not meant to be. To prevent this issue, BenQ teamed up with color experts to develop an exclusive Golf Mode. Easily activated in settings, Golf Mode corrects purple fringing using the blue and green colors from popular golf software and allows golfers to immerse themselves in pleasantly natural reproductions of blue skies and green grass.

Cinema-level color gamut with 92% REC709 coverage

The LU935ST's powerful laser projection utilizes a dual color wheel system that covers an unparalleled 92% of Rec.709, the industry-wide standard for color reproduction in HD video and movies. Enjoy golf, movies, and games in perfect color, knowing that what you're seeing on screen is exactly what the director intended. In addition, the increased color ratios and pure laser-generated RGBY hues dramatically enhance color saturation and guarantee superior projected image quality compared to lamp projectors.

Placement outside hit zone plus no shadows with 0.81-0.89 throw ratio

For most golf simulation setups, a short throw projector helps you put the projector where it is needed to fill the screen while being mounted safely outside the hitting area and without casting a shadow. With throw ratios ranging from 0.81 to 0.89, the LU935ST projects a 177 (7.7x13ft)-236 (10x18ft) image when placed within just 10-16 feet from the screen, delivering a large picture without the expense of optional lenses.

Off-center placement made possible with vertical and horizontal lens shift

Lens shift greatly enhances installation flexibility, enabling you to easily adjust the image to fill your screen even if the projector is

placed off-center. The LU935STs lens shift feature can be used to properly align the image, shifting it up to 60% vertically and 23% horizontally relative to the dimensions of the screen, enabling you to mount your projector higher and to the side of the playing area if needed.

Ideal projection alignment with 2D keystone and corner fit

To counteract the trapezoid effect that can occur when a projector is installed or placed off-center, the LU935ST offers a 2D keystone correction range of up to $\pm 30^\circ$ on both the horizontal and vertical axes. Corner Fit control adjusts each corner for perfectly aligned image geometry.

HDMI 2.0 for supreme image quality

The LU935ST features HDMI 2.0 ports with full support for 4K 60Hz and HDR content, enhanced by greater brightness and contrast for experiences far superior to older versions of HDMI and standard dynamic range projection.

Maintenance free performance with laser technology

BenQ laser projectors eliminate the hassle and cost of installing replacement lamps while providing long lasting 20,000-hour light source life and beautiful colors. You can also start projecting right away without waiting for a lamp to warm up. Every BenQ laser projector has an IP5X-rated, dustproof sealed laser engine that eliminates the need for filters, perfect for environments such as a garage or basement. This also saves you money in the long run.

TECHNICAL CHARACTERISTICS

Brand : BENQ

Part number : 9H.JNC77.15E

Réseau :

Smart TV : N

Vidéo :

Full HD : Y

AC (power) in : Y

AC input voltage : 100 - 240 V

Analog signal format system : NTSC, PAL, SECAM

Aperture range (F-F) : 1.83 - 1.86

Audio (L/R) in : 1

Built-in display : N

Built-in speaker(s) : Y

Card reader integrated : N

Contrast ratio (typical) : 3000000:1

Depth : 351 mm

DVI port : N

Ethernet LAN : Y

Ethernet LAN (RJ-45) ports : 1

Harmonized System (HS) code : 85286200

HDMI connector type : Full-size

HDMI ports quantity : 2

HDMI version : 2.0a

Height : 166 mm

Horizontal lens shift range : -23 - 23%

Horizontal scan range : 15 - 135 kHz

Interactive : N

Keystone correction, horizontal : -30 - 30°

Keystone correction, vertical : -30 - 30°

Light source type : Laser

Market positioning : Home cinema

Matrix size : 1.22 cm (0.48»)

Native aspect ratio : 16:10
Noise level : 39 dB
Noise level (economic mode) : 32 dB
Number of built-in speakers : 2
Number of colours : 1.07 billion colours
Power consumption (max) : 495 W
Power consumption (standby) : 0.5 W
Power consumption (typical) : 440 W
Power source : AC
Product colour : Black
Product type : Short throw projector
Projection technology : DLP
Projector brightness : 5500 ANSI lumens
Projector native resolution : WUXGA (1920x1200)
Remote control included : Y
RMS rated power : 20 W
Serial interface type : RS-232
Service life of light source : 20000 h
Supported video modes : 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Throw ratio : 0.81 - 0.89
USB 2.0 ports quantity : 1
Vertical lens shift range : -60 - 60%
Vertical scan range : 24 - 120 Hz
VGA (D-Sub) ports quantity : 2
Weight : 7 kg
Width : 416 mm
Wi-Fi : N
Zoom capability : Y
Zoom ratio : 1.1:1