

A woman with long brown hair is lying in a bed with white pillows and a light-colored quilt. She is wearing a light-colored button-down shirt and looking upwards with a serene expression. To her right, on a wooden bedside table, sits a white BenQ GV32 Portable Projector. The projector is illuminated with a blue light and is projecting a bright blue beam of light onto the wall. The scene is dimly lit, creating a cozy and relaxing atmosphere.

GV32 Portable Projector

Reviewer's Guide 2025



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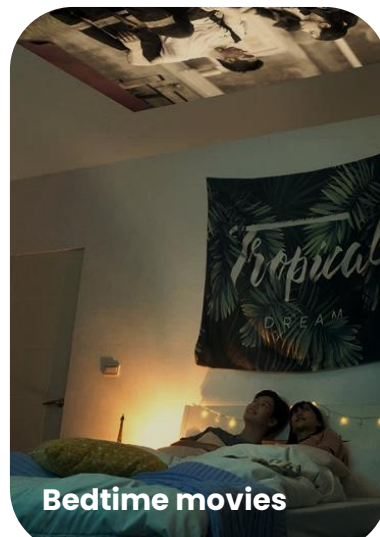
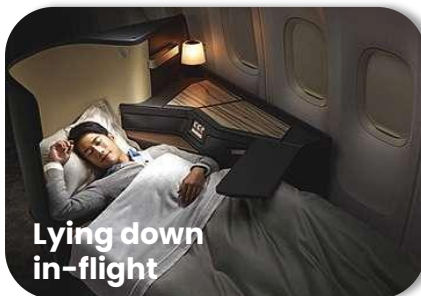
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GV32 in Laid-Back Spaces



Luxury of Reclined Movie Enjoyment

People prefer lying down while enjoying their favorite entertainment — whether it's movies, video games, or more — because it heightens relaxation and comfort.





First, let's take a look at different ways consumers can use GV Series projectors.

**Note: Images shown feature the previous-generation GV31 model for illustrative purposes only.*



Watch movies comfortably in any position you like.

* Note: The photos feature one of our previous projector models (GV50, GV31) and are meant for reference only.

Enhanced GV32 Features for Ceiling Projection in Bedrooms

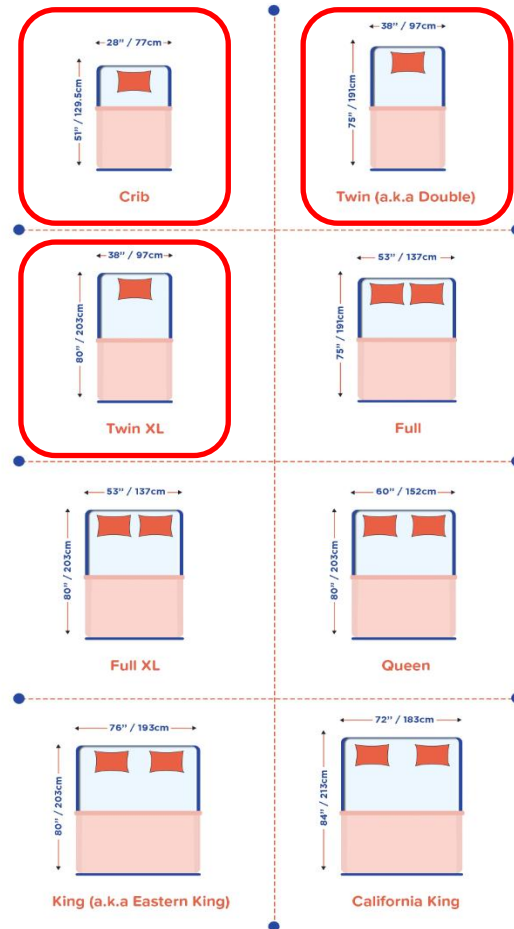


Set Angles Free

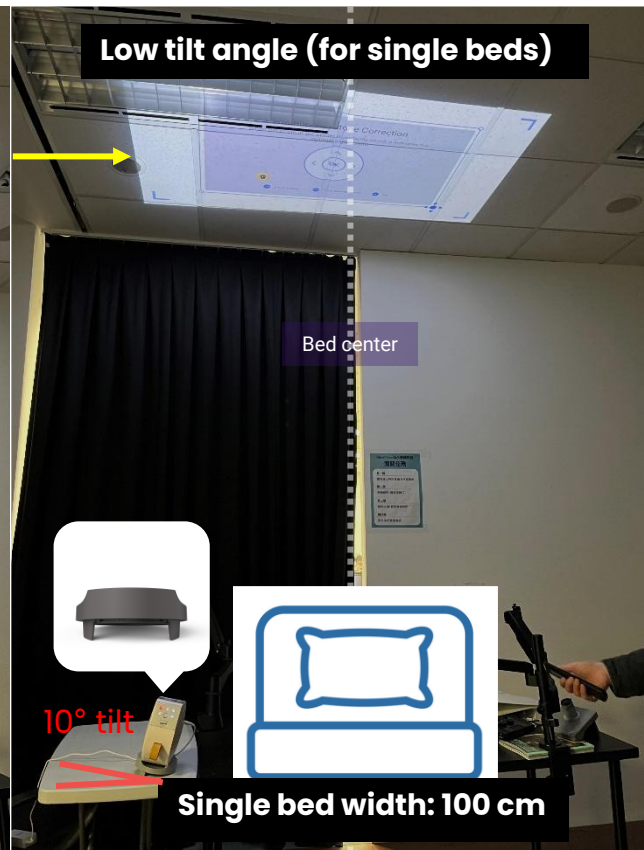
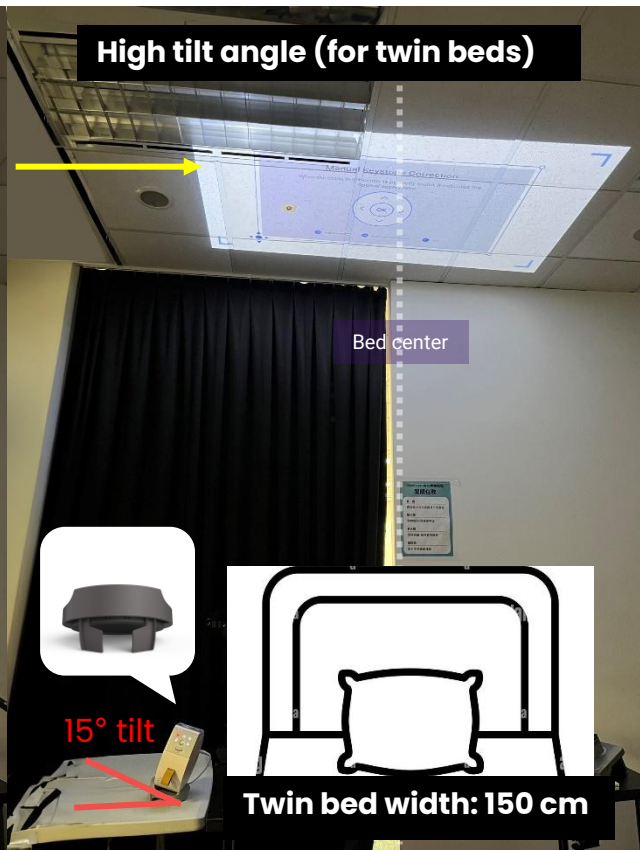
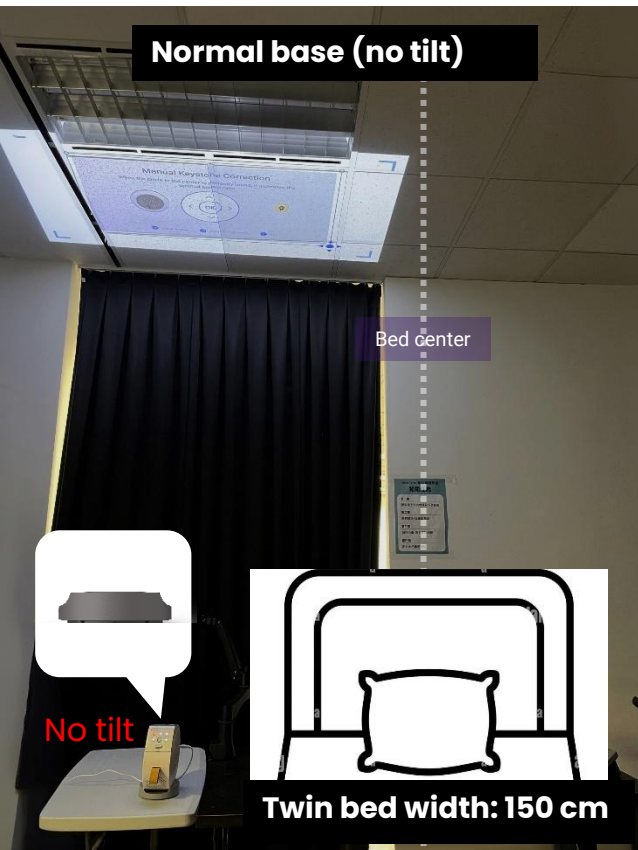
GV32's flexible base, similar to an integrated tripod, is tailor-made for bedside ceiling projection, offering freedom to project from any angle while relaxing in the comfort of bed. It's designed to match standard mattress widths and your favorite lounging position.



US Standard Mattress Sizes



Adjustable Stand Optimization for Ceiling Projection Above Single or Twin Beds



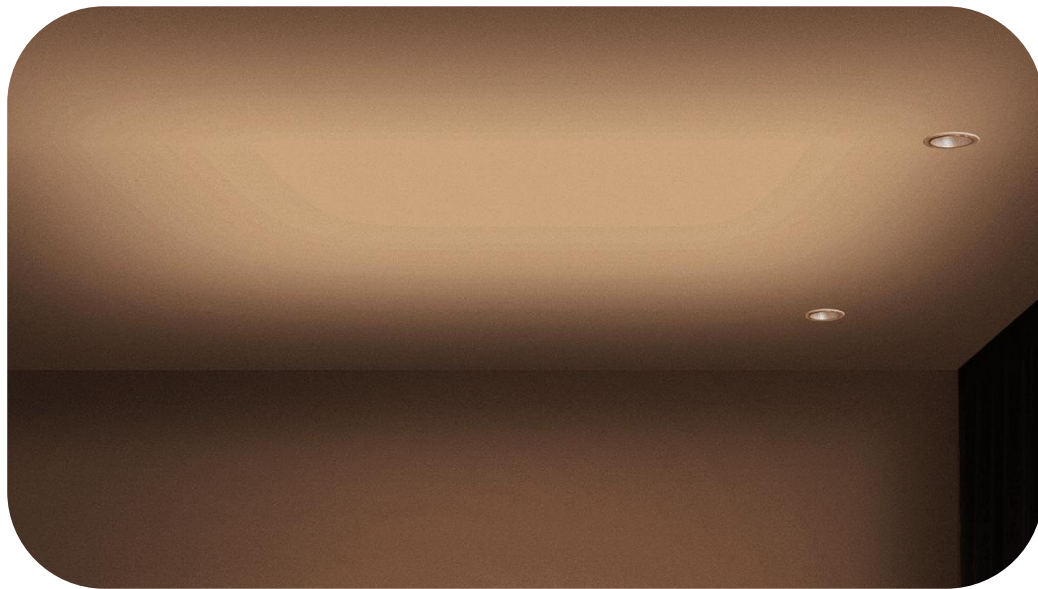
Tilt Demo



Tilted Stand for Lying Down



Hassle-Free Screen Adjustment for Ceiling Projection



360° digital image rotation (GIF for illustration)

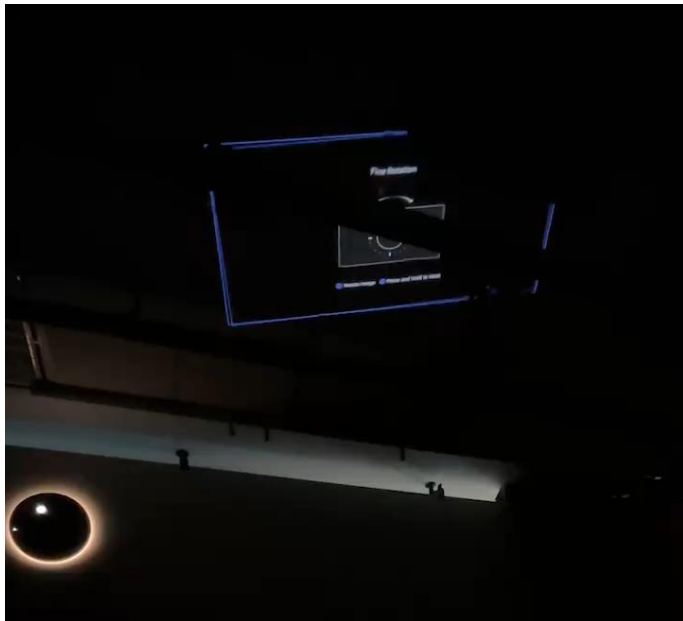


Digital zoom from 100% to 50%



Digital image repositioning after zoom

Ceiling-to-Wall Screen Transition Demo



1. Digital rotation feature demo: Switching from horizontal to vertical view via remote control.
2. Ceiling-to-wall screen transition demo: Autofocus / Auto Keystone / Obstacle Avoidance with smooth transitions.

GV32 Features for Better Sleep



Bedtime-Ready Picture and Audio

Sleep-Friendly Eye Care Mode

Night Shift automatically adjusts display colors to reduce eye strain, helping you fall asleep naturally.



*Note: Night Shift feature functions similarly to the iPhone, softening screen colors to reduce eye strain in low light.

Ceiling Cinema Sound Mode

Meticulously crafted audio settings ensure optimal sound quality whether you're lying down or sitting up, making every moment truly immersive.



Drowse Peacefully with Sleep Timer

Set sleep timer on the quick-access keypad for worry-free viewing until you drift off peacefully to sleep.



GV32 Main Specs and Convenient Streaming



GV32 Main Specifications

Tailored Bedside Design

- Sleep Timer
- Night Shift Picture Mode
- Cinematic Sound Mode

Google TV with Licensed Netflix

18W 2.1CH
Extra Bass Speaker

1080P HDR 10

Intelligent Setup

- Auto Focus in Seconds
- Auto 2D Keystone & Rotation
- Digital Zoom
- Screen Fit
- Auto Image Rotation
- Obstacle Avoidance

Set the Angles Free

Bluetooth Speaker Mode

Enjoy music with your smart device

22.4ms
Low input lag for HDMI console gaming

Rec.709 95%

500
ANSI Lumen Brightness

60W+ Power Bank Support
(USB-C / DP Alt Mode)

Joystick Design
for easy navigation

Google TV with Built-In Netflix

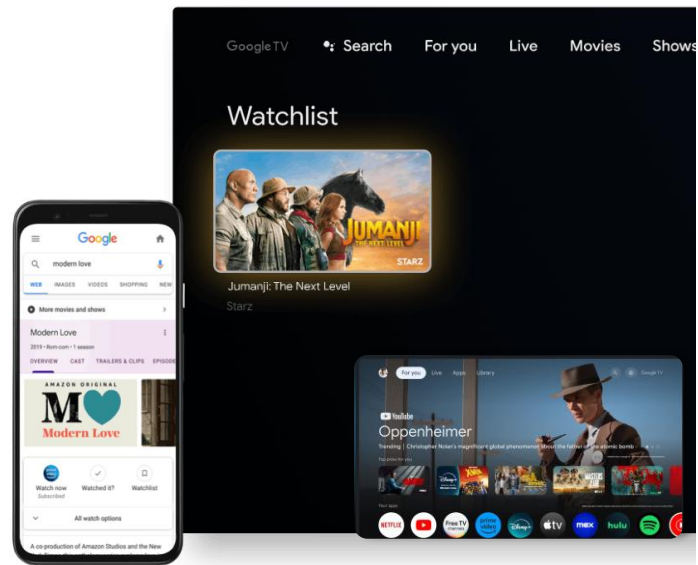
- Get personalized entertainment across app listings.
- Instantly update your list from anywhere.
- Easily access more than 10,000 apps.
- Google Assistant support.
- Built-in Chromecast/Airplay.



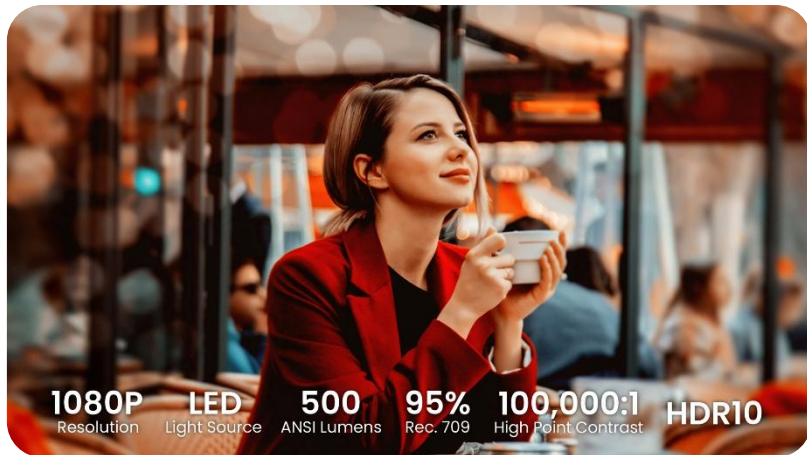
For more information on Google TV, please refer to the [official Google TV website](#).

Watchlist Feature Demo (Home > Library > Watchlist)

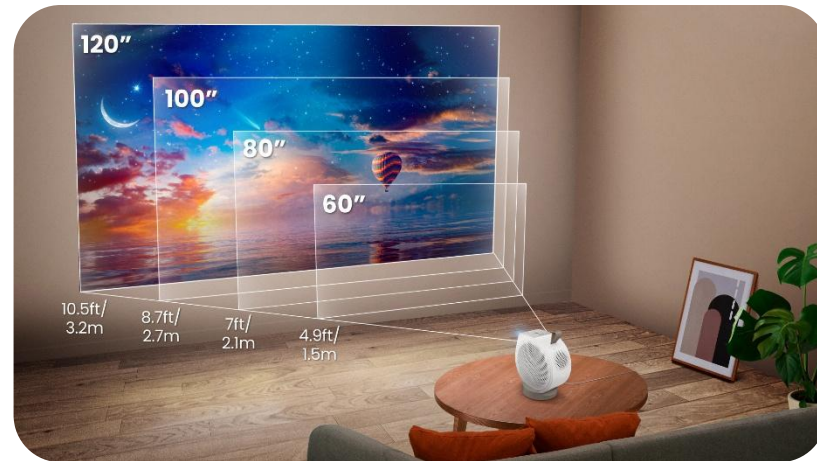
- See something you like? Tap the watchlist icon to instantly sync it with your Google TV.



Vibrant Lasting Colors for 120" Cinema Experiences



GV32 portable projector boasts crystal-clear HDR 1080p resolution further enhanced by BenQ-exclusive CinematicColor, delivering true-to-source visuals.

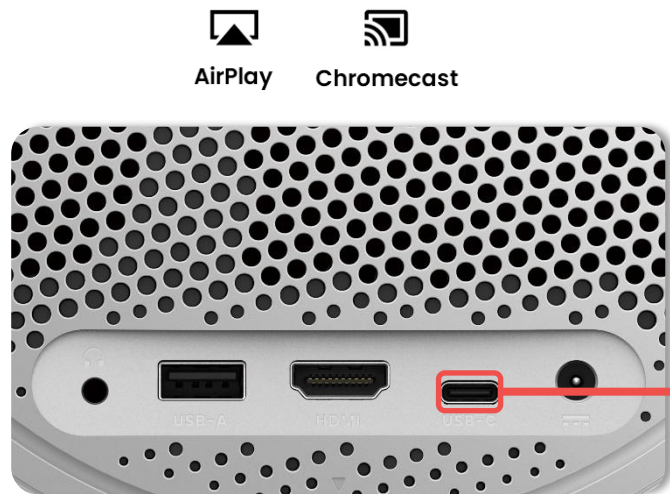


With GV32, you can create your very own personal cinema experience from just eight feet away, with the ability to project screen sizes ranging from 30 to 120 inches.

Connecting External Devices is No Problem

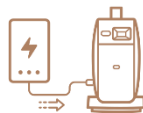
Simply connecting a USB-C cable to GV32 gives you device charging, data transfers, and console connectivity—all in one convenient solution.

And with Airplay and Chromecast support, you can project content directly from your mobile phone.

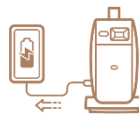


AirPlay

Chromecast



**Charge GV32
with a power
bank**

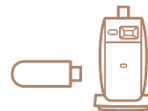


**Use GV32 as a
power supply
(9W output)**

* AC power adapter must be plugged
in to enable this feature.



**Connect Nintendo®
Switch 1 to GV32**



**Data transfer and
media reading**

Outdoor Entertainment

Take GV32 Anywhere Outdoors with **60W+** PD Power Bank



<60W: not supported

60W~90W: support @
50% of peak brightness

>90W: support @
100% of peak brightness



Bluetooth Device Connections

Use GV32 as a Bluetooth Speaker



To use your projector as a Bluetooth speaker, go to Settings > Projector > Bluetooth Speaker Mode.

Connect External Bluetooth Speakers / Headphones to GV32



To connect a Bluetooth accessory to your projector, go to Settings > Remotes & Accessories > Pair.

Tuning GV32's Picture Based on Wall Color

If you're projecting onto a colored wall, you can adjust the picture for more accurate color reproduction.

To select the wall color on the projector:

- Go to Settings > Display & Sound > Picture > Expert Settings > Wall Color.
- Choose the wall color option that best matches your wall color. (White / Red / Orange / Blue / Green / Cyan / Yellow / Purple)



*Note: We recommend presenting this feature accurately without overstating its capabilities.

New GV32 Functions from GV50

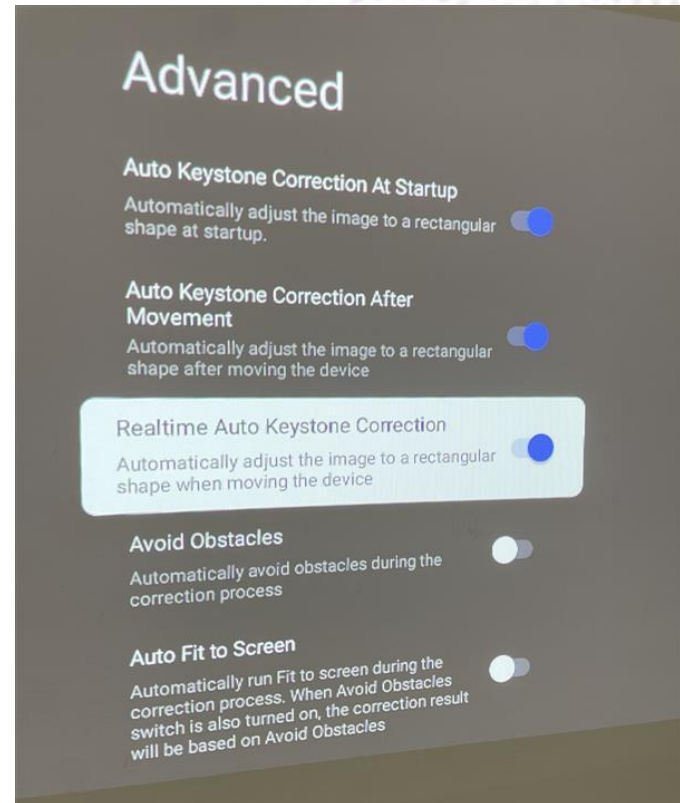
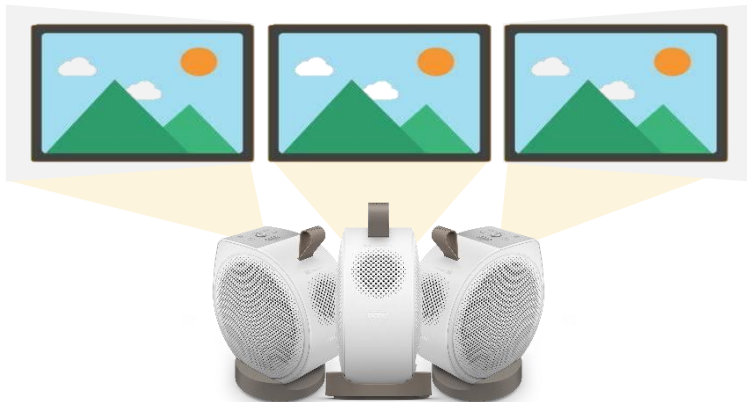


Real-Time Auto Keystone

When the device is moved, the image automatically adjusts to maintain a rectangular shape.

Default Setting (enabled):

- Go to Settings > Projector > Image Correction > Advanced > Auto Keystone Correction on Movement.



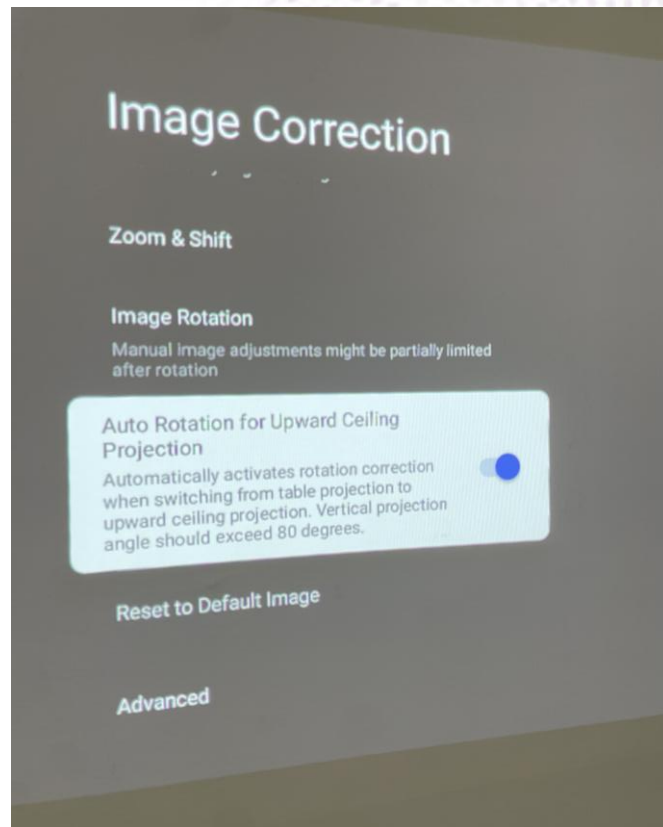
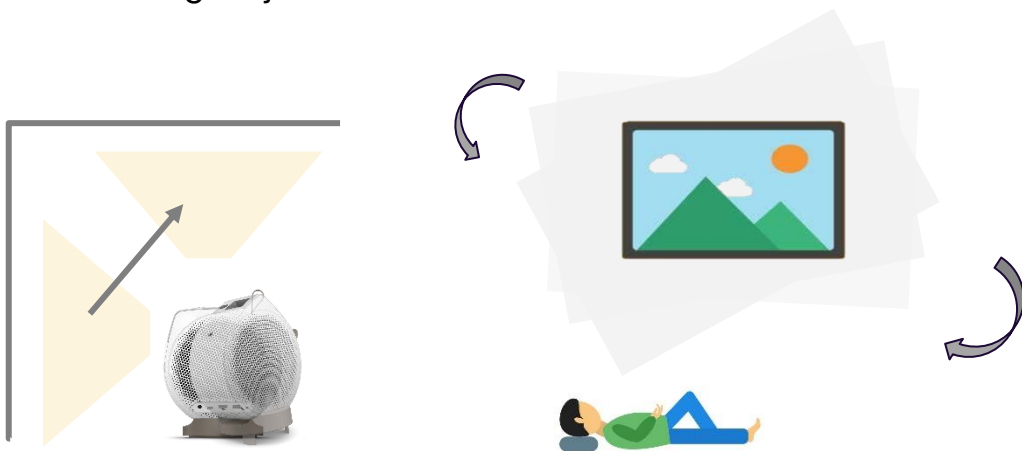
Auto Image Rotation from Wall to Ceiling

When switching from wall to ceiling projection, the device automatically activates image rotation correction.

Vertical projection angle must exceed 60° for auto detection.

Default Setting (disabled):

- Go to Settings > Projector > Auto Rotation for Upward Ceiling Projection.



Q&A



What kind of power bank does GV32 support?

The portable projector can be charged via USB-C using a power bank or Power Delivery (PD) adapter with 60W or higher output. We recommend power banks with at least 30,000 mAh capacity.

Is the projector drop-resistant?

Yes, GV32 is drop-resistant up to 1.6 ft (50 cm), provided the keypad surface doesn't make contact, avoiding damage to the joystick.

Does GV32 come with a carrying case?

GV32 does not include a carrying case, but one can be purchased separately from the official BenQ website, just like with GV50.



What's the difference between GV50 & GV32 specs?

While both models offer the same 500-lumen brightness, the difference in light source technology leads to distinct performance characteristics:

- GV32 delivers better color performance, ideal for vivid, lifelike visuals.
- GV50 produces deeper blacks and greater visual depth, especially in darker scenes.

Finally, Let's Take a Look at Specifications



Category	Item	Description
Display	Brightness (ANSI Lumens)	500
	Native Resolution	1080p (1920x1080)
	Native Aspect Ratio	16:9
	Contrast Ratio (FOFO)	100,000:1
	Display Color	24-bit (16.7 million colors)
	Light Source	LED
	Light Source Life	Eco: 30,000 hours Normal: 20,000 hours
Optical	Throw Ratio	1.2
	Zoom Ratio	Fixed
	Projection Offset (Full-Height)	100%
	Keystone Adjustment	2D, (Auto) Vertical $\pm 20^\circ$, Horizontal $\pm 30^\circ$, Rotation $\pm 30^\circ$ (Distance to wall by projection direction: $<2\text{m}$); 2D, (Manual) Vertical / Horizontal / Rotation $\pm 40^\circ$
Picture	Clear Image Size	40"-100"
	Rec. 709 Coverage	95%
Compatibility	Input Lag	22.4ms (1080p@60Hz)
	Resolution Support	VGA (640x480) to 4K UHD (3840x2160)
	Horizontal Frequency	15k – 135kHz
	Vertical Scan Rate	23–62Hz
	HDTV Compatibility	480p, 576p, 720p, 1080p, 2160p
I/O Interface	HDMI In	(x1) HDMI-1 (2.0b / HDCP2.3)
	USB Type-A	(x1) USB Type A-1 (2.0 / Power Supply 1.0A / Reader / FW Upgrade)
	USB Type-C	(x1) DisplayPort / PD in 20V-3A to 5A / PD out 5V-1.5A, 9V-1A* / Reader
Audio	Speaker	x2, 4W
	Audio Out (3.5mm Mini Jack)	x1
	HDMI Audio Return	ARC, 5.1 Channel
	Woofer	10W Chamber

Category	Item	Description
Environment	Power Supply	AC 100 to 240V, 50/60Hz
	Typical Power Consumption	80W@100-240VAC
	Power Consumption in Networked Standby / Off Mode	2W / 0.3W
	Acoustic Noise (Typ./Eco.)	26dBA / 24dBA
	Operating Temperature	0 – 35°C, without condensation
	Storage Temperature	-20 – 60°C, without condensation
	Operating Relative Humidity	10 – 90% RH, without condensation
	Storage Relative Humidity	10 – 90% RH, without condensation
		135° Vertical / 360° Horizontal / 10°-15° Tilt for ceiling projection
Mechanical Features	Projection Angle (Portable Only)	
Smart Features	Bluetooth	Bluetooth 5.0
	Wi-Fi Standard	802.11 a/b/g/n/ac (2.4G/5G)
Dimensions & Weight	Net Weight	1.6kg / 3.5lb
	Dimensions (WxHxD)	130.0 (mm) × 211.2 (mm) × 191.4 (mm) 5.12 (inch) × 8.31 (inch) × 7.54 (inch)
Projection System	Projection System	DLP
	DMD Size	0.23" Pico

Note

- The performance of Wi-Fi and Bluetooth may be disturbed by distance and obstacles.
- PD out available only when projector is plugged in via included power adapter.

Supplied power adapter information

- Product name: AC adapter
- Manufacture model: NSA90ED-19047401
- Max rating: 90W (19V, 4.74A)
- Manufacture: Shenzhen JingQuanHua&Everrise Intelligent Electric Co., Ltd

Ready to dive in?

Experience laid-back movie nights your way!





About BenQ

Founded on the corporate vision of “Bringing Enjoyment ‘N’ Quality to Life”, BenQ Corporation is a world-leading human technology and solutions provider aiming to elevate and enrich every aspect of consumers’ lives. To realize this vision, the company focuses on the aspects that matter most to people today – lifestyle, business, healthcare and education – with the hope of providing people with the means to live better, increase efficiency, feel healthier and enhance learning. Such means include a delightfully broad portfolio of people-driven products and embedded technologies spanning digital projectors, monitors, interactive large-format displays, digital cameras and camcorders, mobile computing devices, and lighting solutions. Because it matters.