



Digital Projector

# Quick Start Guide

Portable Entertainment Series | GS2

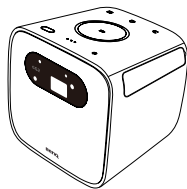
Projecteur numérique

# Guide de démarrage rapide

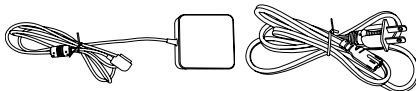
Gamme de divertissement portable | GS2

# Package Contents

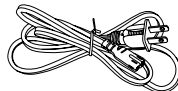
GS2 Projector



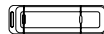
Adapter



Power Cord



Wireless Dongle  
(WDR02U)



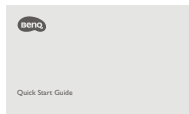
Remote Control  
(with One CR2032  
Battery)



Carry Bag



Quick Start Guide




Regulatory Statements

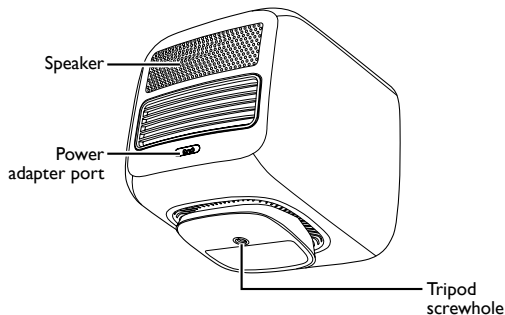
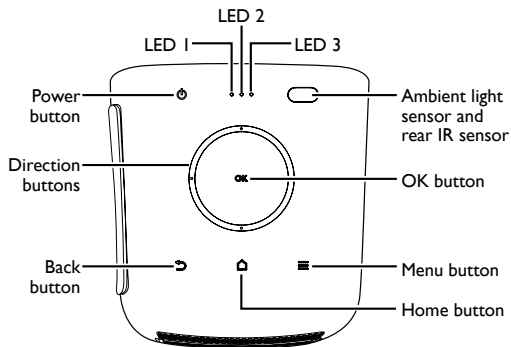
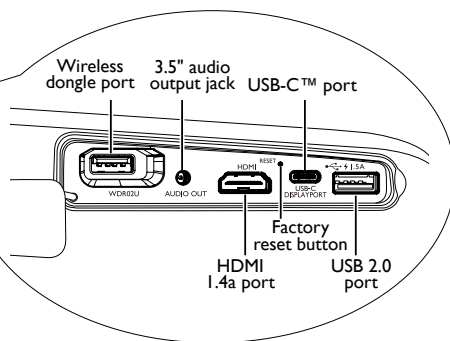
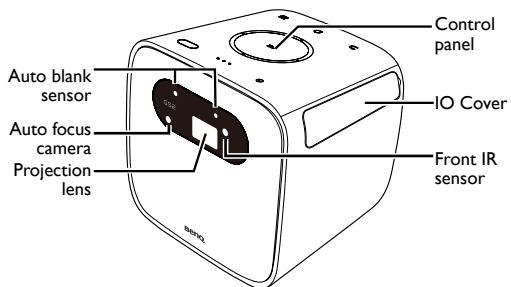


Warranty Card



-  Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.
- Some of the accessories may vary from region to region.
- The warranty card is only supplied in some specific regions. Please consult your dealer for detailed information.

# Product Overview

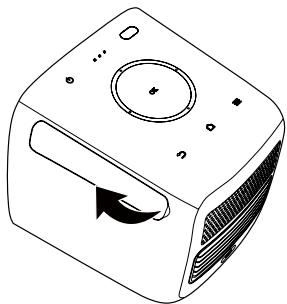


# LED Indicators

Scenario	Status	LED 1		LED 2		LED 3	
		LED Behavior	Schema	LED Behavior	Schema	LED Behavior	Schema
Charging with Adapter	Battery charging in progress	Green - breathing		Green - breathing		Green - breathing	
	Battery charging complete	Green - solid		Green - solid		Green - solid	
Battery Mode	Battery capacity < 5%	N/A		N/A		N/A	
	Battery capacity < 16%	Red - solid		N/A		N/A	
	Battery capacity = 16 - 33%	Green - solid		N/A		N/A	
	Battery capacity = 33 - 66%	Green - solid		Green - solid		N/A	
Bluetooth Speaker Mode	Battery capacity = 66 - 100%	Green - solid		Green - solid		Green - solid	
	Ready to pair / Pairing	Green - flashing		N/A		Green - flashing	
	Pairing successful	Depends on power status					
System Update	System update in progress	Green - flashing		Green - flashing		Green - flashing	
	System update has failed	Red - flashing		N/A		N/A	
Error	LED error	Red - flashing		Green - flashing		N/A	
	Fan error	Red - flashing		Green - flashing		Green - flashing	
	Optical engine temperature error	Red - solid		Green - flashing		N/A	
	Battery temperature error	Red - solid		Green - flashing		Green - flashing	
	Driver board error	Red - solid		N/A		Green - flashing	

# Installing the Wireless Dongle

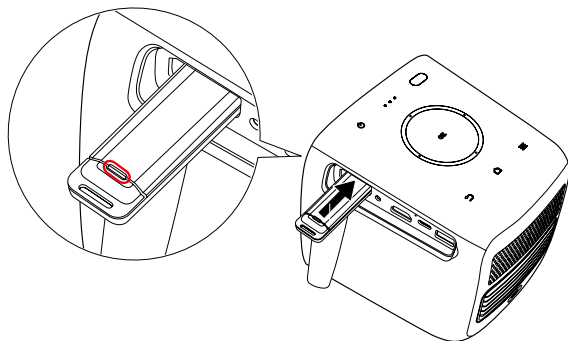
①



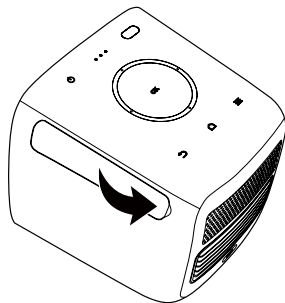
②



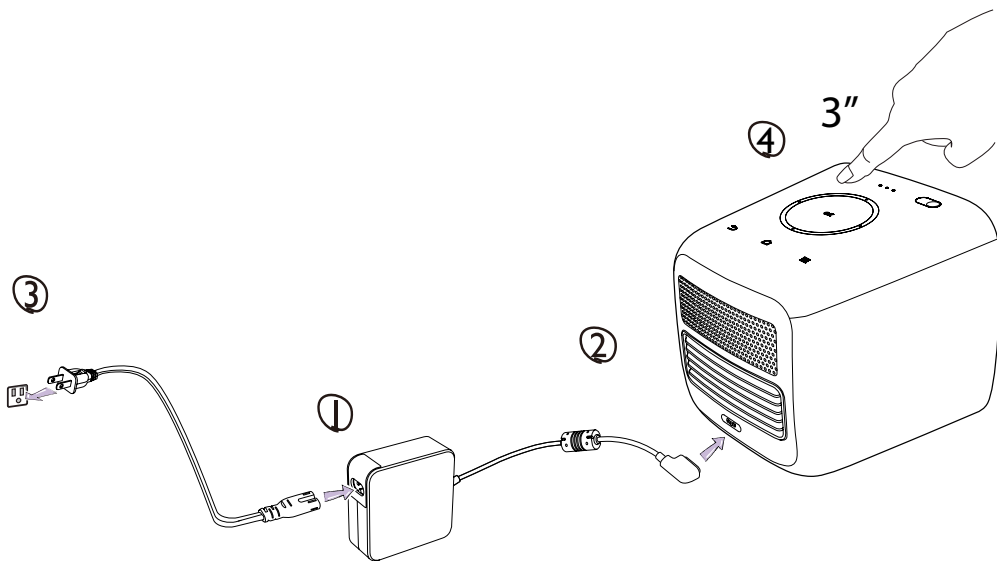
③



④



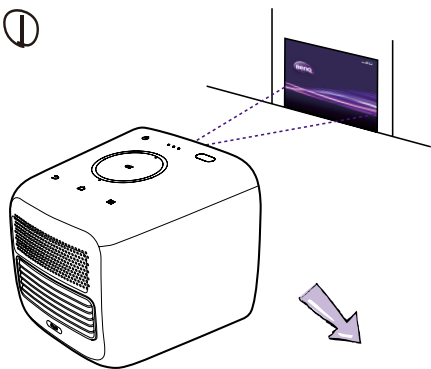
## Powering / Charging the Projector



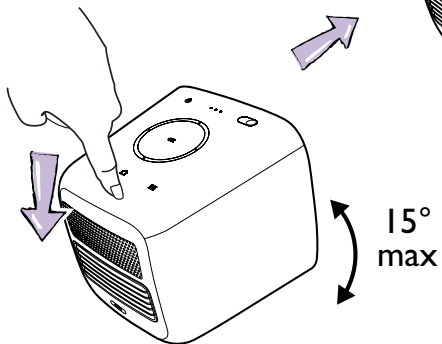
- **Keep the battery charged to at least 60% (3 bars on the battery status icon) to ensure a successful OTA update.**
- See "LED Indicators" on page 4 for charging behavior of the LED Indicator.
- Once the projector is fully charged the adapter can be disconnected.
- For initial power up, press and hold the Power Button for 3 seconds.
- When the projector is on, press the Power Button to enter power-saving mode.
- When the projector is on, press and hold the Power Button for 3 seconds to turn off the projector.
- For AC/DC adapter, the socket-outlet shall be installed near the equipment and shall be easily accessible.

# Adjusting the Projector Angle

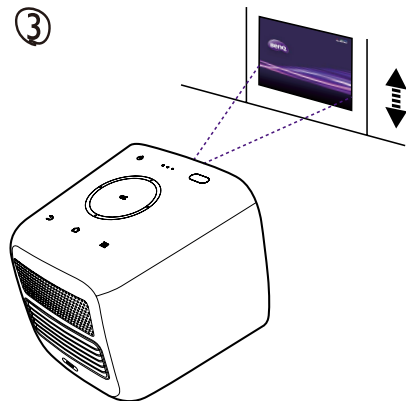
①



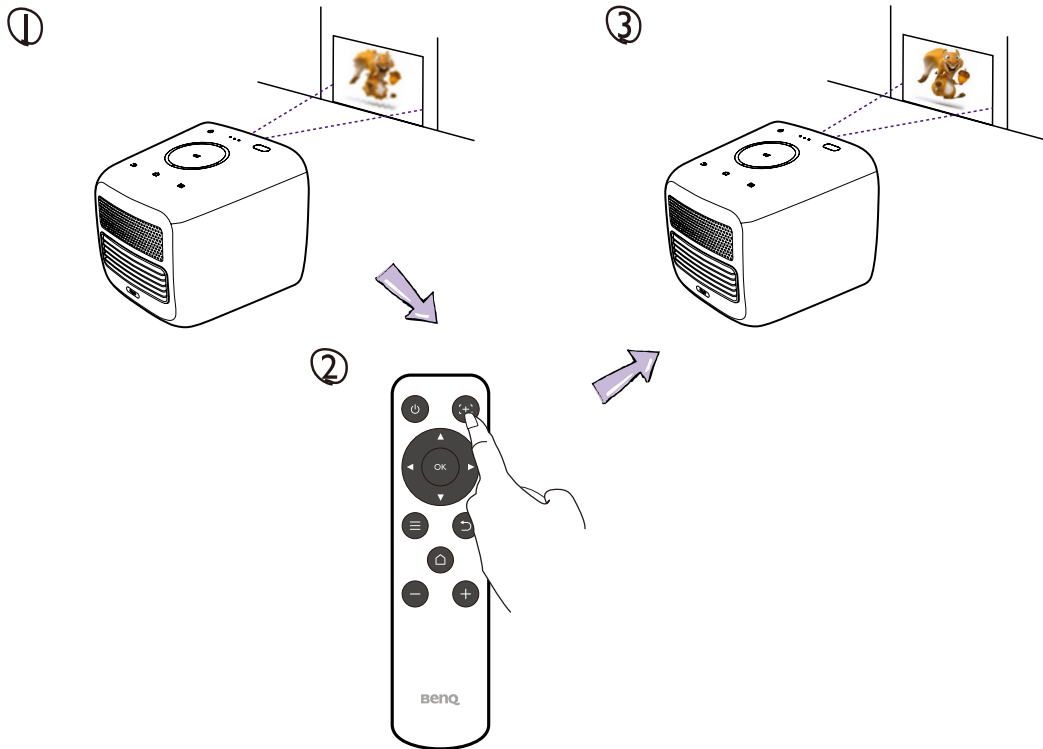
②




③



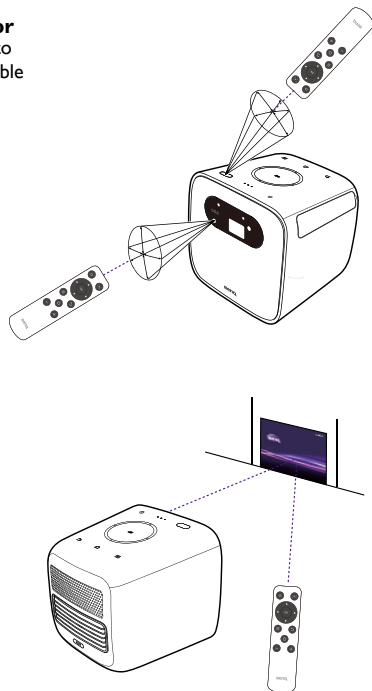
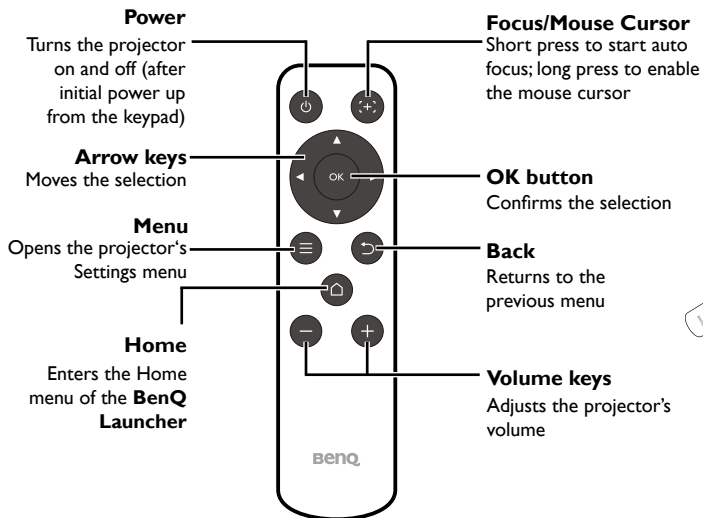
## Adjusting the Focus



 Before you can begin to use the remote control, you must first remove the clear plastic battery sticker between the battery and the contact on the remote control.



# Remote Control



# Connecting Devices

Wireless Connection:  
Laptop/PC



Tablet



Smartphone



Bluetooth  
Speakers



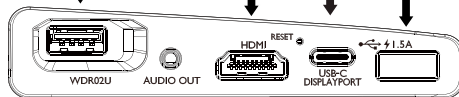
Wireless AP



Smartphone or Tablet



Wireless Dongle  
DWR02U



Speakers



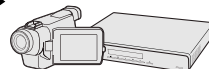
Devices with USB-C™ DisplayPort



Laptop/PC

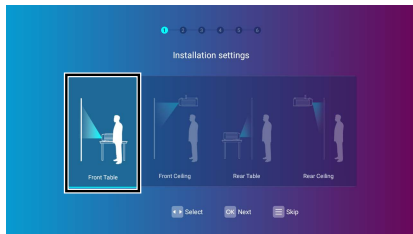


A/V Devices

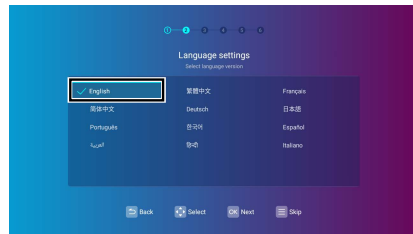


# Setup Wizard

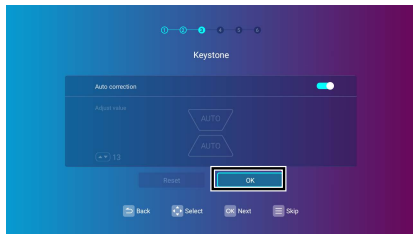
①



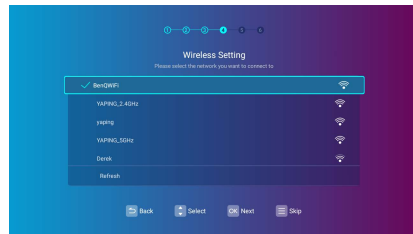
②



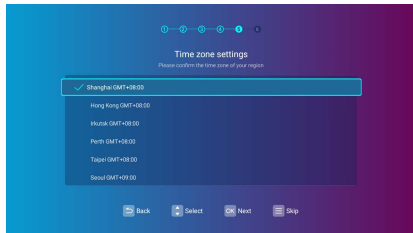
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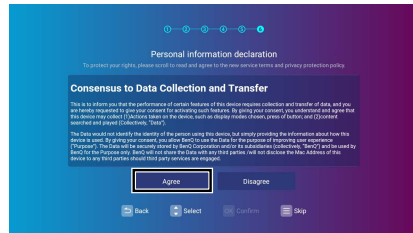
④



⑤



⑥



# BenQ Launcher Home Page

## BenQ Startup Panel

Displays the wireless status or what devices are wirelessly connected to the projector

## Status Bar


Shows time, wireless and battery status



**Wireless Projection for iOS and macOS** - Projects wirelessly via iOS or Mac OS

**Wireless Projection for Android™** - Projects wirelessly via Android™

**Wireless Projection for PC** - Projects wirelessly via PC

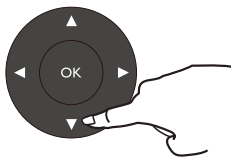
 Keep the battery charged to at least 60% (3 bars on the battery status icon) to ensure a successful OTA update.

# BenQ Launcher Settings Menu

## Source Menu

Allows to select the video input source

Press ▾ to view the source menu, app shortcuts, or settings menu



## App Shortcuts

Displays the shortcuts to apps installed on this projector

## Settings Menu

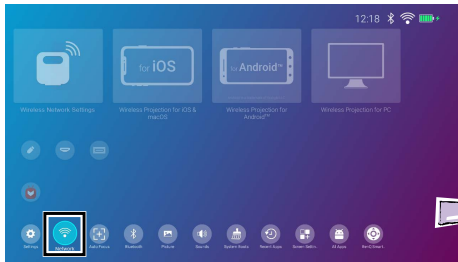
Displays the buttons to adjust wireless, Bluetooth and other settings



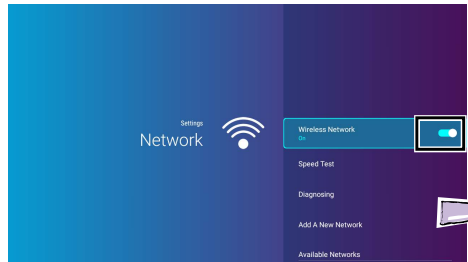
These screens are for reference only and may vary by the product supplied for your region.

# Wireless Internet Connection

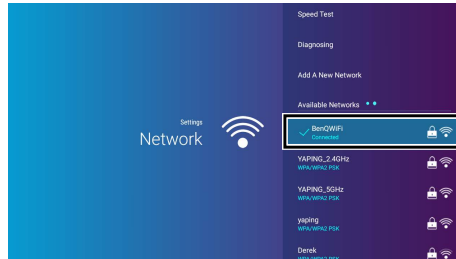
- ① Select **Network** in the settings menu and press **OK**.



- ② Press **OK** to enable the **Wireless Network** switch.



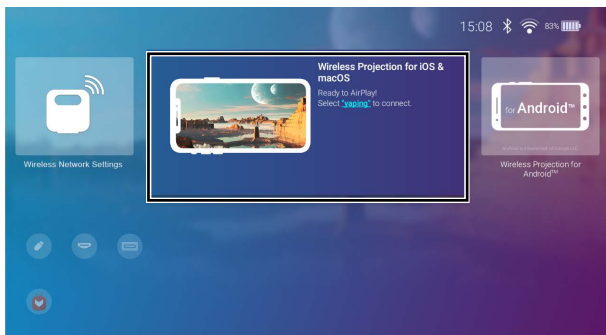
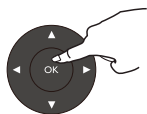
- ③ Press  $\nabla$  to choose the SSID and press **OK**. Enter the password and press **OK** (if required).



# Wireless Projection - iOS Devices

①

Select **Wireless Projection for iOS and macOS** from the BenQ Launcher Home Page and press **OK**.



②

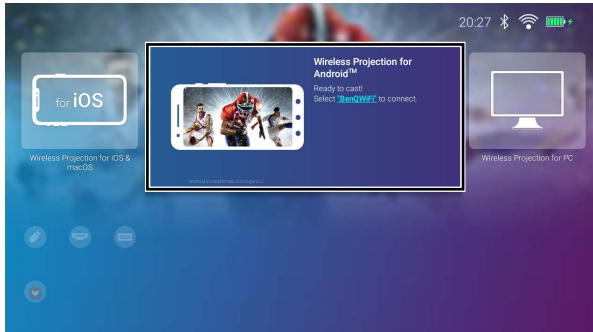
Refer to the **Wireless Projection for iOS and macOS** screen for wireless or hotspot connection details. Using your iOS device, connect to the projector via Airplay.



# Wireless Projection - Android™ Devices

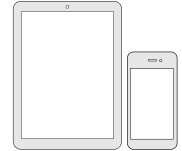
①

Select **Wireless Projection for Android™** from the BenQ Launcher Home Page and press **OK**.



②

Refer to the **Wireless Projection for Android™** screen for wireless or hotspot connection details. Using your Android device, connect to the projector via screencasting.

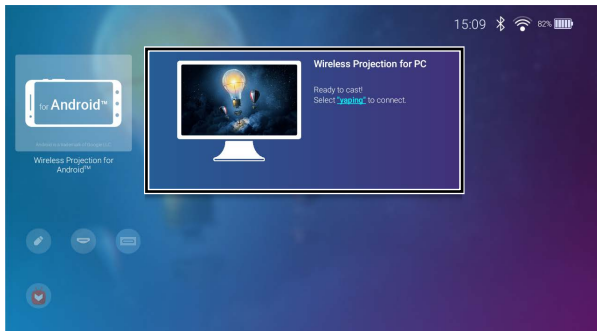




# Wireless Projection - PC

①

Select **Wireless Projection for PC** from the BenQ Launcher Home Page and press **OK**.



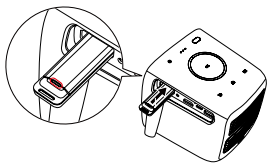
②

Refer to the **Wireless Projection for PC** screen for wireless or hotspot connection details. Using your PC or laptop, connect to the projector via screencasting.



## Bluetooth Speaker Mode

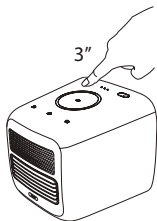
- 1 Install the provided wireless dongle into the wireless dongle port.



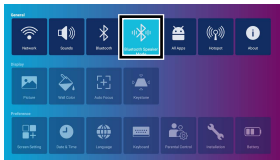
- 2 Activate Bluetooth-pairing mode on the external device.



- 3 Power on the projector.

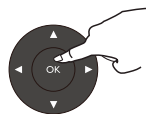
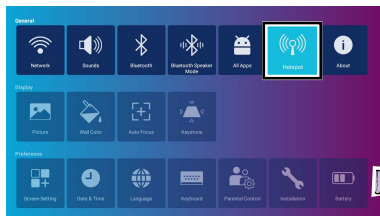


- 4 Enable Bluetooth Speaker Mode.



## Wireless AP

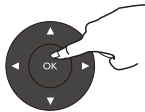
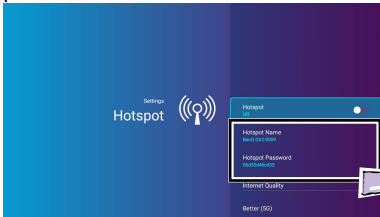
- 1 Select **Hotspot** in the settings menu and press **OK**.



②

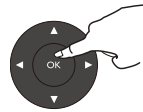
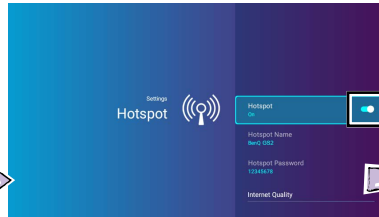
(Optional) Create a Hotspot name and press **OK**.

(Optional) Create a Hotspot password and press **OK**.



③

Press **OK** to enable the **Hotspot** switch.



④

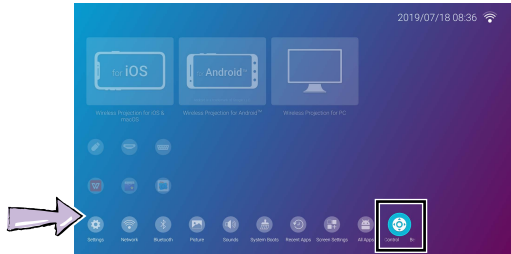
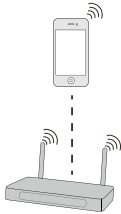
Using your device, connect to the Hotspot name and enter the Hotspot password.



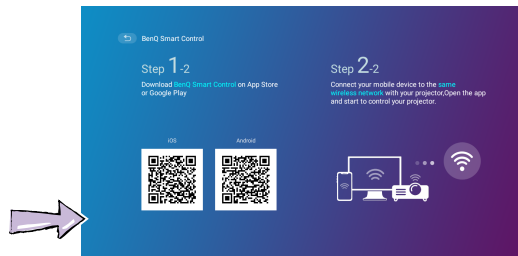
# BenQ Smart Control (remote control app)

## Installing the BenQ Smart Control app

- ① Make sure your smartphone is connected to the Internet.
- ② Select **BenQ Smart Control** in the **Settings** menu of the **BenQ Launcher** home screen and then press **OK**.



- ③ Scan the QR code shown on the projector to download and install **BenQ Smart Control**.



## Using the **BenQ Smart Control** app

①

Connect your smartphone to the same wireless network as your projector.



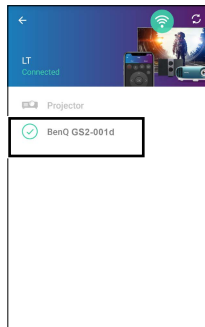
②

Open the **BenQ Smart Control** app on your smartphone.



③

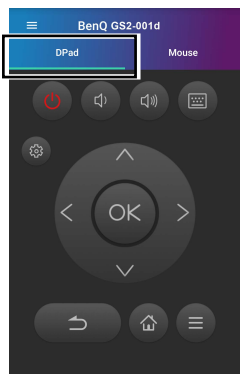
Select the projector from the **BenQ Smart Control** device list.



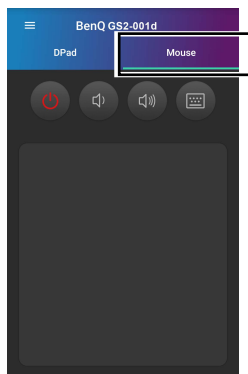
④

Choose one of the following methods to use **BenQ Smart Control**:

Tap **D PAD** to use the pre-configured buttons in the app to control your projector.



Tap **MOUSE** to use touch gestures on your smartphone to control the cursor on the projector similar to a mouse.



## Specifications

Projection System	DLP 3438
DMD Type	0.3"
Native Resolution	1280 x 720 pixels
Brightness	500 lm
Contrast Ratio (FOFO)	100,000:1
Display Color	1.07 Billion Colors
Aspect Ratio	Native 16:9
Light Source	Osram Q8A LED
Light Source Life	20,000 hours (Normal) / 30,000 hours (Eco)
Throw Ratio	1.3 (35"@1M)
Zoom Ratio	Fixed
Keystone Correction	1D, Vertical $\pm$ 40 degrees
Projection Offset	100% $\pm$ 5%
Projection Size (Clear Focus / Maximum)	30 to 100 inches
SoC	MStar 648
OS	Android 6.0
RAM	2G LPDDR3
Flash	8G EMMC
WLAN	IEEE 802.11 a/b/g/n/ac, 2.4G/5G

2.4G	A and C SKU	Ch1-Ch11
	E SKU	
5G	A and C SKU	Band1: Ch36, Ch40, Ch44, Ch48
	E SKU	Band4: Ch149, Ch153, Ch157, Ch161, Ch165
Bluetooth		4.0
Interface		<ul style="list-style-type: none"> <li>• USB-A (2.0/1.5A/Reader) x1</li> <li>• USB-C™ (DisplayPort 1.2, 5V 1A)* x1</li> <li>• HDMI 1.4a x1</li> <li>• 3.5mm Audio Out x1</li> <li>• Wireless dongle port (WDR02U)</li> <li>• Factory Reset Button x1</li> </ul>
Antenna		Yes

Feature		<ul style="list-style-type: none"> <li>• IPX2,</li> <li>• Parental Control,</li> <li>• LumiExpert™,</li> <li>• Wireless Projection (for iOS/macOS®, for Android™, for PC),</li> <li>• USB-C™ DisplayPort and USB-A Reader,</li> <li>• 15 Degrees Tiling Stand,</li> <li>• Auto Focus,</li> <li>• Auto Vertical Keystone,</li> <li>• 3 Hours Battery</li> </ul>
Power		
DC Supply	Frequency	AC 100 to 240V 50/60HZ 1.5A
	Power Rating	19.0V 3420.0mAh, approximately 65.0W
Battery Life	Type	Lithium-ion battery
	Electrical Rating	11.1V 6000.0mAh, 66.6W
	Battery Cycle Life	500 cycles
	Charging Time	3 hours from 0% to 100%
	Battery Life	3 hours in battery mode
Built-in Speaker		2W Chamber x 2
Resolution Support		VGA (640 x 480) to 1080p (1920 x 1080)
Horizontal Frequency		15 to 102 KHz

Vertical Scan Rate	23 to 85 Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Video Compatibility	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM / HDTV
Dimensions	139 (W) x 144 (H) x 139 (D) mm
Weight	1.5 Kg
Noise Level	31 dBA (Normal) / 28 dBA (Eco)
Working Temperature	0°C to 40°C
Accessories (Standard)	<ul style="list-style-type: none"> <li>• Power Adapter x 1</li> <li>• Power Cord x 1 (by region)</li> <li>• Wireless Dongle (WDR02U) x1 (detachable)</li> <li>• Remote Control (with one CR2032 battery)</li> <li>• Quick Start Guide</li> <li>• Warranty Card (by region)</li> <li>• Carry Bag</li> </ul>
On Screen Display Language	English / French / German / Japanese / Korean / Portuguese / Simplified Chinese / Spanish / Traditional Chinese / Arabic / Hindi / Italian



\* Maximum resolution : 1080P (1920 \* 1080) 60Hz ,  
Maximum data transfer speeds: 2.7Gbps.





<http://www.BenQ.com> > Projectors > GS2 > Downloads / Support > User Manual

Scan the QR code with an appropriate mobile app to access the latest QSG in various languages.

Scannez le code QR avec une appli mobile appropriée pour accéder au dernier Guide de démarrage rapide en plusieurs langues.

Scannen Sie den QR-Code mit einer entsprechenden Mobil-App, um auf die aktuelle Kurzanleitung in verschiedenen Sprachen zuzugreifen.

Eseguire la scansione del codice QR con un'applicazione mobile adeguata per accedere alla guida rapida più recente in varie lingue.

Escanee el código QR con una aplicación para móviles adecuada para acceder a la Guía de inicio rápido más reciente en distintos idiomas.

Digitalize o código QR com uma aplicação móvel adequada para aceder ao Guia de Iniciação Rápida mais recente em diferentes idiomas.

Scan de QR-code met een geschikte mobiele app voor de nieuwste versie van de Snelgids in diverse talen.

Läs av QR-koden med lämplig mobilapp för åtkomst till den senaste snabbstartsguiden på flera språk.

Pro přístup k nejnovější stručné příručce v různých jazycích naskenuj přes příslušnou mobilní aplikaci QR kód.

Zeskanuj kod QR przy użyciu odpowiedniej aplikacji mobilnej, aby uzyskać najnowszą instrukcję szybkiego uruchomienia w różnych językach.

Отсканируйте этот QR-код с помощью подходящего мобильного приложения для доступа к самой новой версии Краткого руководства на разных языках.

対応するモバイルアプリでQRコードをスキャンして、最新のQSGにアクセスしてください（多言語対応）。

적절한 모바일 앱을 사용하여 QR 코드를 스캔하고 다양한 언어로 된 최신 QSG에 액세스합니다.

用适当的移动应用程序扫描二维码可访问不同语言的最新QSG。

使用適當的行動應用程式掃描QR碼，存取不同語言版本的最新QSG。

Çeşitli dillerdeki en son QSG'ye erişmek için uygun mobil uygulama ile QR kodunu tarayın.

สแกนคิวอาร์โค้ดด้วยแอปพลิเคชันบนอุปกรณ์ที่เคลื่อนที่ เพื่อเข้าถึง QSG ล่าสุดในภาษาต่างๆ

اسمح رمز QR من خلال تطبيق محمول مناسب للوصول إلى أحدث QSG بلغات مختلفة.

## BSMI 限用物質含有情況標示聲明

設備名稱	數位投影機					
單元	限用物質及其化學符號					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr <sup>6+</sup> )	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
光機組件	○	○	○	○	○	○
電源元件	-	○	○	○	○	○
線材	○	○	○	○	○	○
電路板	-	○	○	○	○	○
塑膠組件	○	○	○	○	○	○
金屬件	-	○	○	○	○	○
風扇	-	○	○	○	○	○
包裝材料	○	○	○	○	○	○
配件	-	○	○	○	○	○

備考1：“○”係指該項限用物質之百分比含量未超出百分比含量基準值。

備考2：“-”係指該項限用物質為排除項目。

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