



# JOYO Smart Board Game Console User Manual

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## Smart Board Game Console User Manual

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## Smart Board Game Console

Board games are one of the oldest forms of entertainment known to mankind. They are also one of the most dynamic forms of play. Unravel a new world where people are closer. Exciting new challenges are coming your way! Use your brain and compete with friends! JOYO is a game world of new possibilities. We will all grow from facing its challenges. And we will unlock pure joy in our hearts.

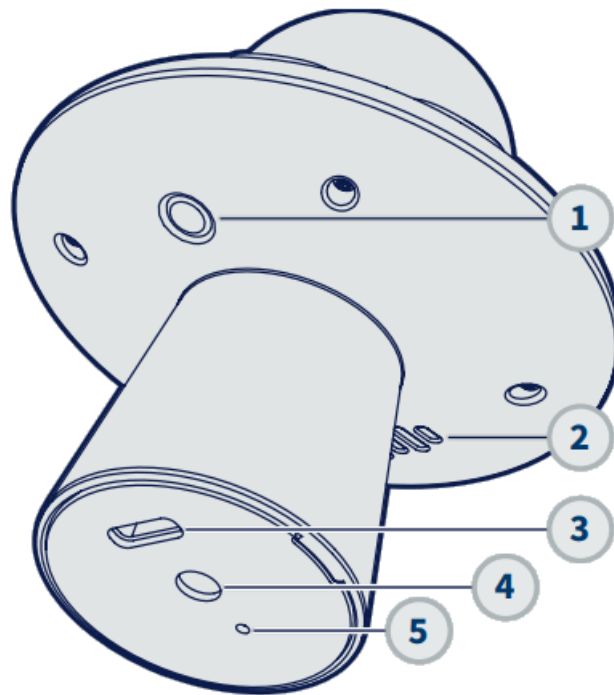
### **JOYO is an intelligent board game**

Using complex visual recognition technology, a gyroscope, and other sensors, it can determine the player's position on the game board and judge actions and their adherence to game rules. JOYO is a truly interactive board game experience.

JOYO can be used to play a variety of compatible games, including Unlocko, Recon, and Right Here, and more.

1. Power button
2. Speaker

3. Scanner
4. Type-C
5. Reset button



To scan, place JOYO on the scanning area of a card or a space on the game board, and JOYO will generate a result and perform specific tasks related to the gameplay mode.

#### **Change Your Pilot**

- Rotate JOYO's transparent cover to remove it and change your pilot. Rotate the cover clockwise to tighten it, and rotate it counterclockwise to remove it.
- Carefully remove the cover/pilot from JOYO in a vertical direction.



Captain Kito

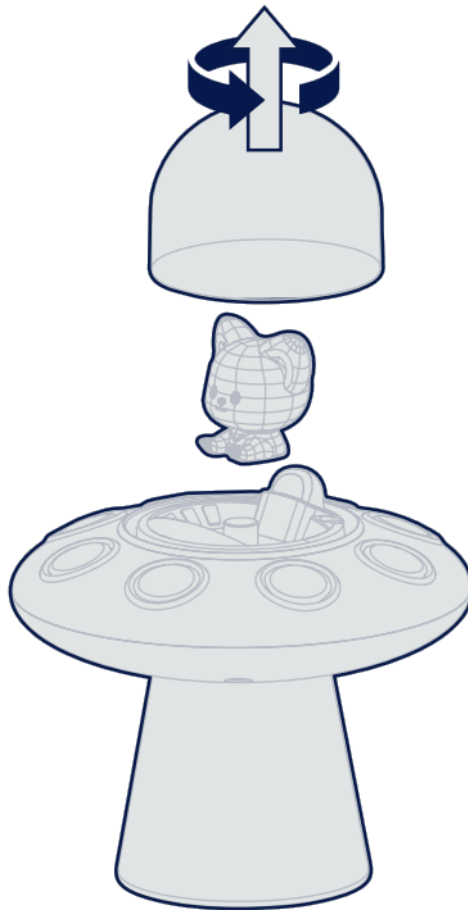


Egby



LAZY-Bear

Pilot Options



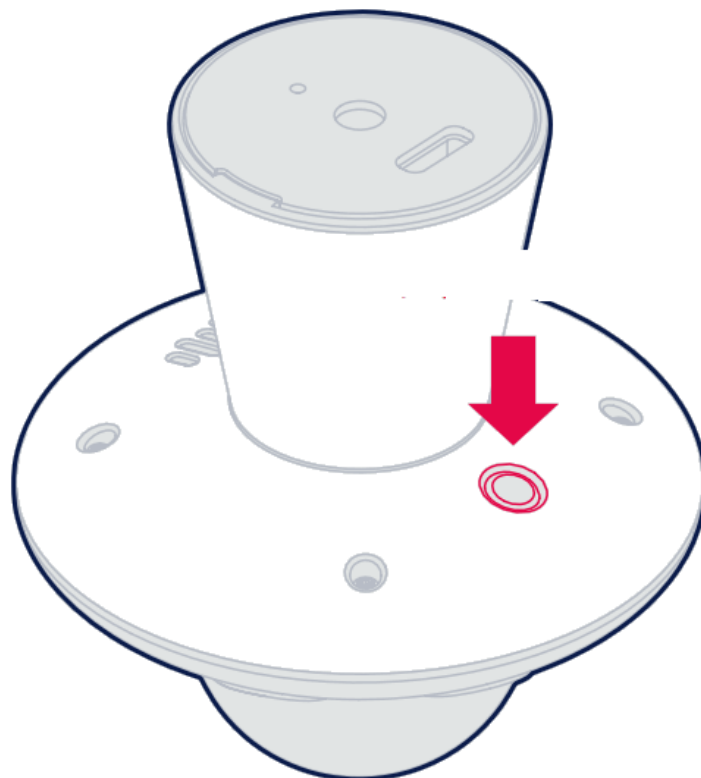
### Console Controls Power On/Off

#### Power On

Press and hold the power button. JOYO will light up with a specific number of lights to show the battery level, indicating it is powered on successfully.

#### Power Off

Press and hold the power button for 2 seconds. JOYO will briefly flash the battery-level LED lights on and then off, indicating it is powered off successfully.



The console may not power on correctly if the battery level is lower than 10%.

### Console Controls Start Game

Place JOYO vertically on the start card or start area of the game board to scan and identify the game being played:



### Console Controls Exit Game

#### Recommended Method

Turn JOYO upside down and shake it 3-5 times.



#### Other Methods

##### Method 1

Scan the start area of another game.

##### Method 2

Game Over

JOYO plays victory sound/light effects.

##### Method 3

Press and hold the power button to power

##### Method 4

Charge JOYO

#### FCC STATEMENT:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: This device may not cause harmful interference, and This device must accept any interference received, including

interference that may cause undesired operation. Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help. RF warning statement: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

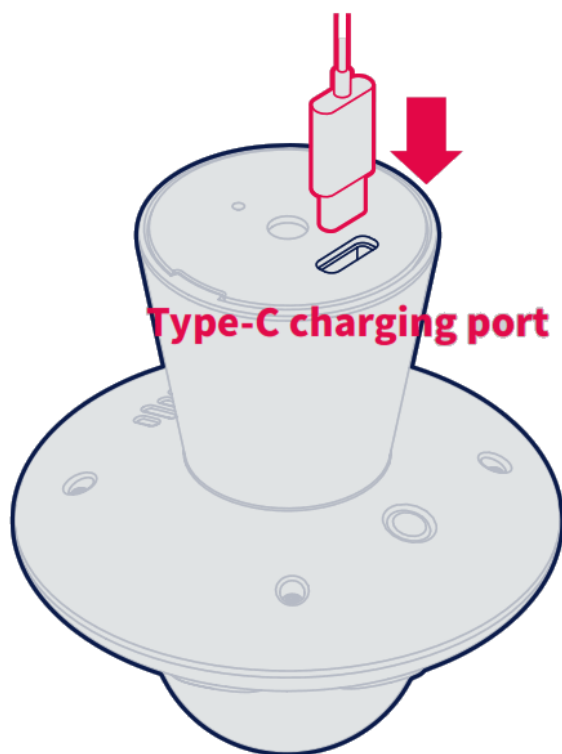
### **Console Controls Charging**

#### **Charging Method**

Type- C charging port

#### **Battery Capacity**

JOYO's battery lasts up to 4 hours when fully charged.



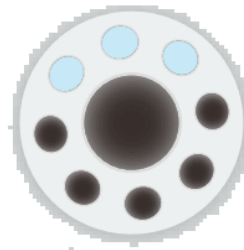
A game cannot be started when JOYO is charging. Charging resets the device automatically and previous game data will not be saved.

### **Console Controls Display Battery Level**

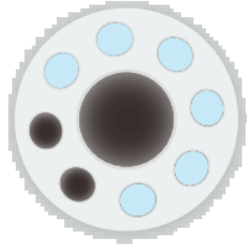
- After powering on JOYO, press the power button once to display the current battery level.
- When checking the battery level, avoid pressing the button longer than 2 seconds and powering off JOYO.



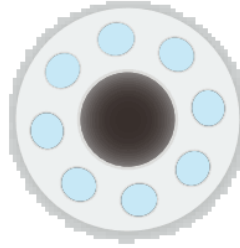
**12.5% Battery**



**37.5% Battery**

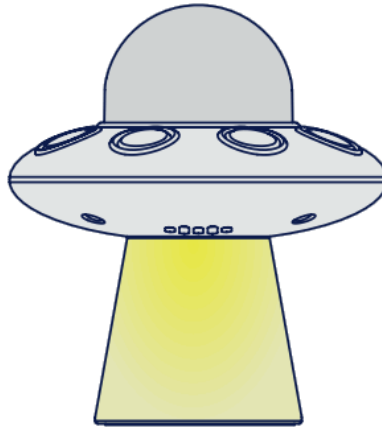


**75% Battery**



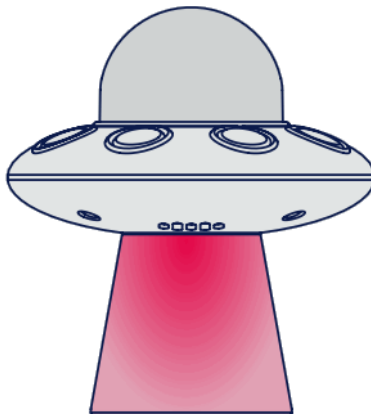
**100% Battery**

### **Console Controls Low Battery**



### **Low Battery**

JOYO's base flashes yellow



### **Low Battery Warning**

JOYO's base flashes red

Charge JOYO before use if it has been sitting unused for a long period (more than 2 months).

If JOYO cannot power on after pressing the power button, check the battery level and try charging it.

### **Online Programming**

You can connect JOYO to your computer and go to the JOYO website to program your console and create your own games using the board game design kit. Press and hold the JOYO console power button to power it on.

1. Press and hold the JOYO console power button to power it on.
2. JOYO Website URL: [code.cubyfun.com](https://code.cubyfun.com)
3. After accessing the website, do the following: a) Connect JOY() to your computer over Wi-Fi. b) Start creating.

When JOYO is connected, the base will flash green.

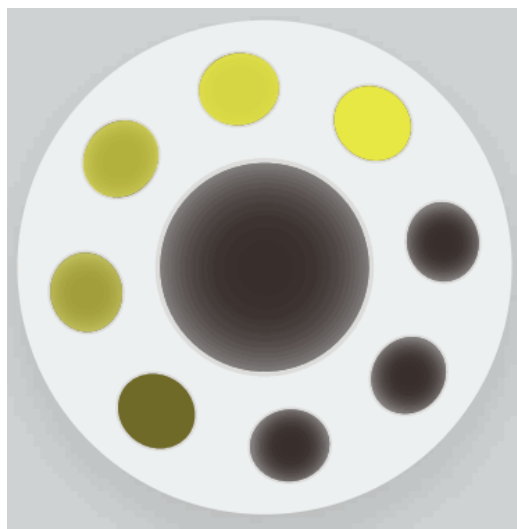


## Firmware Updates

Connect JOYO to your computer to upgrade the firmware. JOYO Firmware Alerts:

- a) If a newly purchased game fails to start correctly, JOYO will flash red to indicate a firmware update is required.
- b) The JOYO team will post game and console firmware update notices on the website.

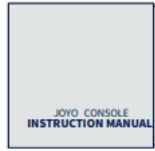
1. Press and hold the JOYO console power button to power it on.
  2. JOYO Website URL: [code.cubyfun.com](https://code.cubyfun.com)
  3. After accessing the website, do the following.
    - a) Connect JOYO to your computer over Wi-Fi.
    - b) Perform a firmware update.
- JOYO will flash a specific LED light pattern to indicate it is connected successfully.
  - Firmware updates take around 3-6



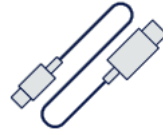
## Product Specifications



**JOYO Console**  
×1



**Instruction Manual** ×1



**Charging cable** ×1



**Pilot Options**

**Console Packaging Size:** 88\*88\*88mm

**Overall weight:** 100±5g

**Console size:** 67\*67\*74mm

**Console weight:** 60±5g

**Speaker frequency:** 3W

**Battery capacity:** 450mAh/3.7V

**Charging method:** Type-C 5V

**Main material:** silicone/ABS/PVC

**Main sensors:** intelligent code point recognition module, gyroscope module, geomagnetic module, wireless module

### Credits

Console Concept Designers	Pilot Designers
Lighting Design and implementation	Industrial and Structural Designers
Game Design	Artwork
Product Function Design	Manual Editing and Design
Sound Design	Branding and Graphic Design
Marketing Content Editing and Design	3D Rendering
Project Management	Video Production

### Product Testing Eric XXXX, Shuai Zhang

User Testing Lance Love2 hate. Jugo's de Moxa, Gabriel Fern6ndez Gonzalo, Anthony Boardgamey Empire, Grant Lyon, Hangnail Zhuoyouwanzhu, Forrest Bower's Game Corner, Douglas Tic Tock Board games, Aly James, Joseph Tabletop Jocks. Lance Cheng, Longyi Cheng, Hannah Zhuang Zhang, Juanrigo, Phoebe Wong, Yuki Jiang, Zhou Liao, Leo Liu, Chris Bai, Xiaoping WDHL, Huan Li, Zack Hold, James Mackintosh, Kato Du, Kuku Zhang

Manufacturing Sheng Kiang, Chayim Fu, Dan Ring, Zhejiang Fan, Yunshan Hu, Xian Jun Ni, Wei Wang, Shuping Wang, Bin Wu, Shangri, He, Ying Zhang, Xiaohui Deng

Special Thanks Albert, Franklin Wang, Jennifer Zhang, Tony Chen, Pink Gao, Zhejiang Ma, Ferry Feng, Winy Wu, Leo Li, Peng Wu, Hendrick, Yeung Nau, Ming Chen, Feng Xu, Benny He, Kai Su, Jingling Chen, Jinzhou, Jackie Pan, Emily Wang, Tracy Lim, Martin Tong, Xiaobo Ding, Dan Blacklock, Henri Peng, Smalling, Haribo Yu, Dwight, Laura Luo, SZ Nanshan Innu School. Hichens Seeds.



### Documents / Resources



**[JOYO Smart Board Game Console](#)** [pdf] User Manual  
JY01, 2BAHM-JY01, 2BAHMJY01, Smart Board Game Console, Board Game Console, Game Console, Console