

Riotouch PartyCube 14C Interactive Professional Display



Riotouch PartyCube 14C Interactive Professional Display Instruction Manual

[Home](#) » [Riotouch](#) » **Riotouch PartyCube 14C Interactive Professional Display Instruction Manual** 

Contents

- [1 Riotouch PartyCube 14C Interactive Professional Display](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Product overview](#)
- [5 Key Interface function description](#)
- [6 Network connection and setting](#)
- [7 Screen storage](#)
- [8 Product list](#)
- [9 Common problem](#)
- [10 Product specification parameter](#)
- [11 Matters need attention](#)
- [12 FCC STATEMENT](#)
- [13 Documents / Resources](#)
 - [13.1 References](#)



Riotouch PartyCube 14C Interactive Professional Display



Product Information

Specifications

- Frequency Range: 2402-2480MHz
- Compliance: FCC Part 15
- Operating Conditions: Must not cause harmful interference; must accept any received interference

Product Usage Instructions

Power On

Ensure the device is properly connected to a power source and press the power button to turn it on.

Frequency Adjustment

Use the provided controls to adjust the frequency within the range of 2402-2480MHz as needed for your application.

FCC Compliance

Operate the device in accordance with FCC regulations to ensure compliance with Part 15 rules.

Interference Handling

If you experience interference, troubleshoot by relocating the device or adjusting its settings to minimize undesired operation.

FAQ (Frequently Asked Questions)

- **Q: What should I do if the device is not powering on?**

A: Check the power source and connections to ensure proper power supply. If the issue persists, contact customer support for assistance.

- **Q: How can I ensure FCC compliance during operation?**

A: Follow the guidelines provided in the user manual and ensure that the device operates within the specified parameters to comply with FCC regulations.

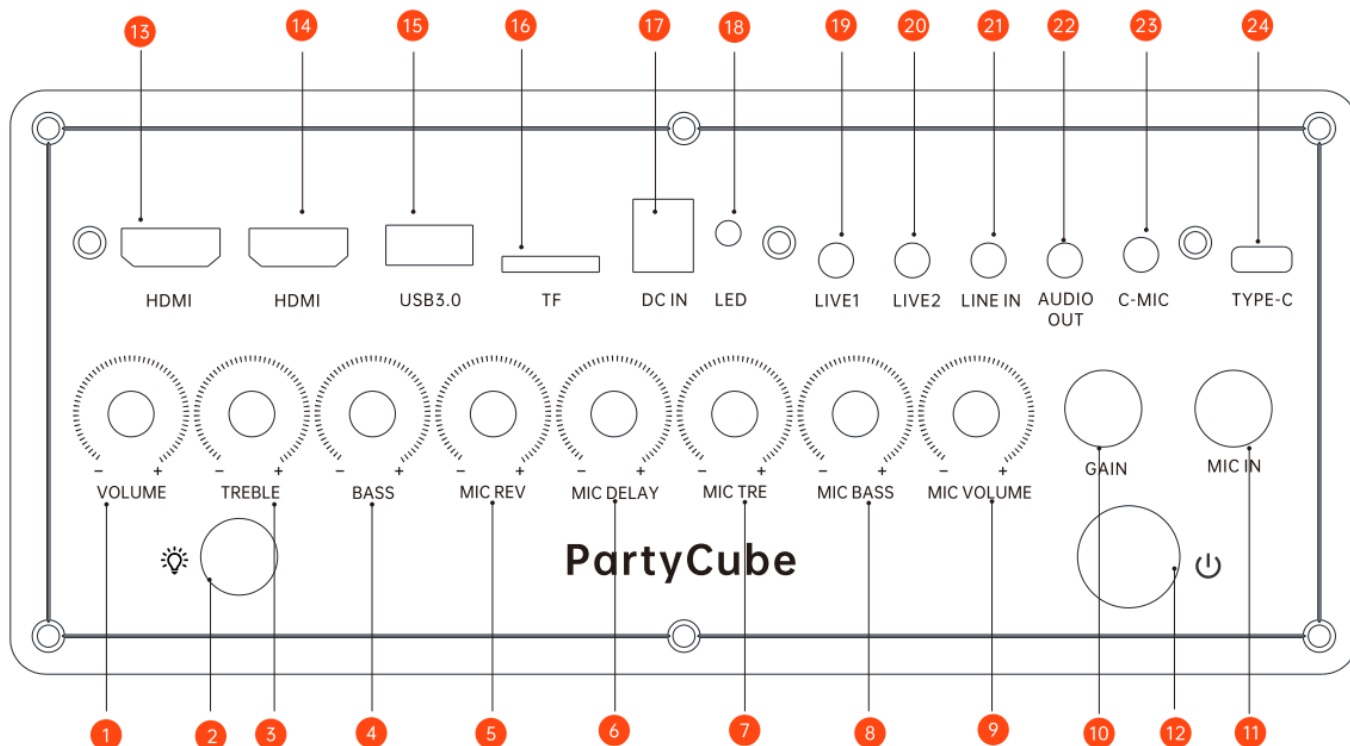
Product overview

Partycube 14C is an application in the home, outdoor, stores, private rooms of mobile intelligent entertainment HD touch all-in-one, suitable for karaoke, dancing, family reunion, sharing photos, videos, including 14.1 "large display screen, high power karaoke audio, sing enough for 4 hours, play enough for 6 hours, Meet most outdoor electricity demand. Compatible with professional 6.5 interface wired microphone, 1 channel capacitor microphone input, can also be used to expand other audio headphone port; Support u disk, SD card to play photos and videos, you can also install your own application to meet the personality fashion, more external HD interface connected to the TV, projector, magnify your happiness.

Supported features include:

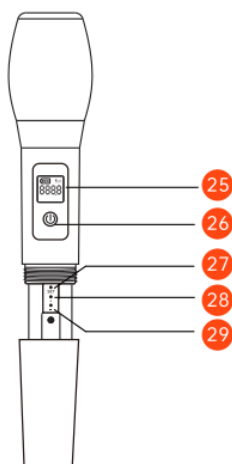
- Anti-glare AG glass screen.
- Support wifi, Bluetooth networking.
- A variety of built-in audio mode adjustment.
- Optional large capacity mobile hard disk, capacity expansion, double storage.
- Support wireless screen projection Support application installation and uninstallation.
- Supports user-defined application installation and uninstallation.
- Support HDMI HD output, USB port, TF memory card, musical instrument access, etc.
- Enjoy millions of online resources after networking.

Key Interface function description



| Number | Name | Function |
|--------|--------------------|---|
| 1 | VOLUME | Add or subtract the total volume of the speaker |
| 2 | Light strip switch | Ambient light switch |
| 3 | TREBLE | Music treble |
| 4 | BASS | Music bass |
| 5 | MIC REV | Microphone rev |
| 6 | MIC DELAY | Microphone delay |
| 7 | MIC TRE | Microphone tre |
| 8 | MIC BASS | Microphone bass |
| 9 | MIC VOLUME | Microphone volume |
| 10 | GAIN | Guitar input |
| 11 | MIC IN | Microphone input |
| 12 | Power switch | Power switch |
| 13 | HDMI Hd input | 1. Insert the HDMI cable into the HDMI HD input/output port 2. Insert the other end of the HDMI cable into the video input port of the monitor to complete screen input or output |
| 14 | HDMI Hd output | |
| 15 | USB | U disk play interface |
| 16 | TF cards | Memory card playback interface |
| 17 | DC IN | 15V4A Adapter charging port |

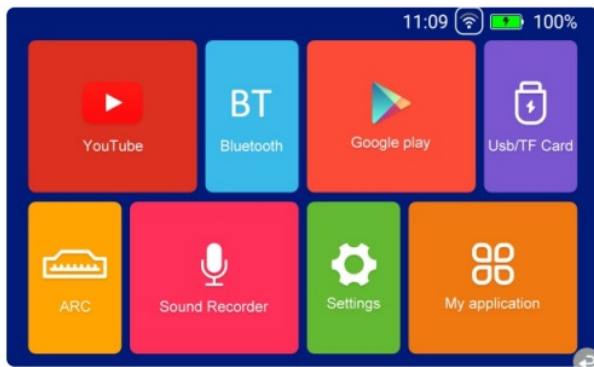
| Number | Name | Function |
|--------|---------------------|--|
| 18 | LED power indicator | The indicator light is steady red when charging, and steady green after charging |
| 19 | Live1 | Audio output interface |
| 20 | Live2 | Audio output interface |
| 21 | LINE IN | Audio input interface |
| 22 | AUDIO OUT | Audio output interface |
| 23 | C-MIC | Capacitive mic input |
| 24 | Type-c | DSP Upgrade interface |



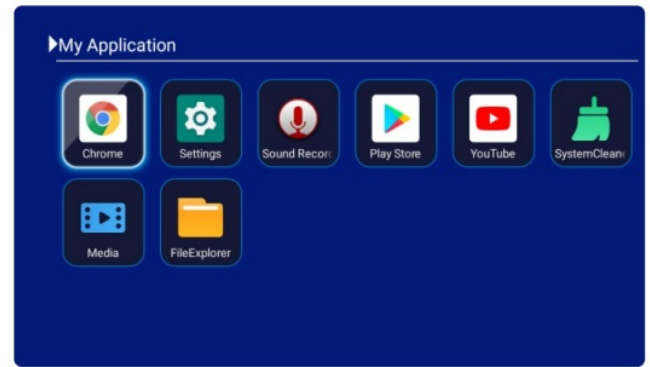
Wireless microphone(optional)

| Number | Name | Application Method |
|--------|-----------------------------|--|
| 25 | Microphone LCD | Power, signal, data display |
| 26 | Power switch | Long press the power button for 2 seconds to turn on, display "UHF" and then switch to the display frequency; Press and hold the power button to shut down (Display OFF). If there is no signal or no operation within 15 minutes after the microphone is turned on, the microphone , Enter the shutdown mode directly |
| 27 | Set | In the startup state, hold down the Power button and the Set button to switch between microphones A and B |
| 28 | Volume + | Short press to increase the volume |
| 29 | Volume - | Short press to reduce the volume |
| | Switch channels | Long press the Set key to enter the FM mode SEL, short press the volume up or down key to switch channels |
| | ID matching code | First turn the speaker on, then turn on the microphone, and long press the volume plus button to display the IdON status The microphone is paired with the speaker. After the connection is successful, the ID icon is displayed. Other microphones cannot be used And connect this speaker |
| | Frequency stealing function | If someone else's microphone is connected to my speaker, just turn off the speaker power and follow the "ID to code" item Operation, you can re-ID, others can no longer connect to this speaker |
| | Low power alarm or shutdown | When the power display is 0, the low power alarm starts, and the battery frame begins to blink; Per cell voltage When lowered to the shutdown threshold, the microphone will be turned off directly |

Lanucher interface



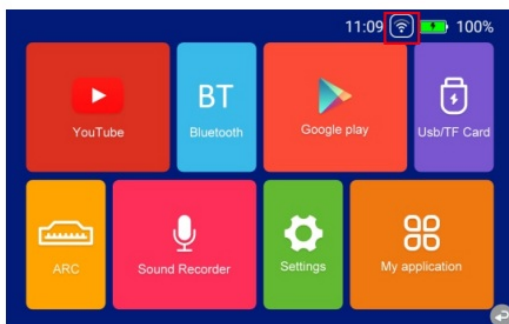
- Lanucher



- More APPS: Users can install and uninstall themselves

Network connection and setting

- Wifi Connection



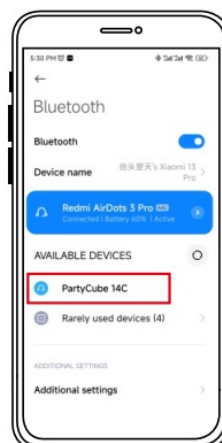
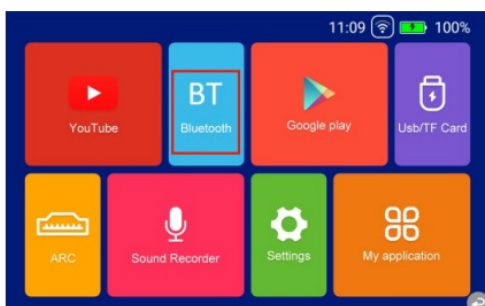
Click wifi Connection on the home page



Enter system Settings, select network connection, enter the password to be connected, and then you can connect to the network



- Bluetooth connection



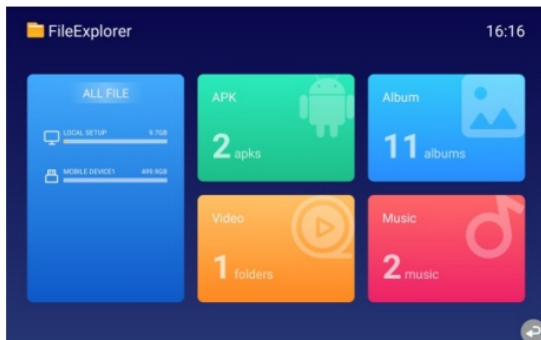
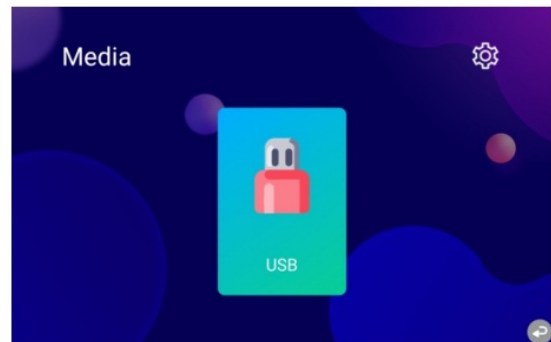
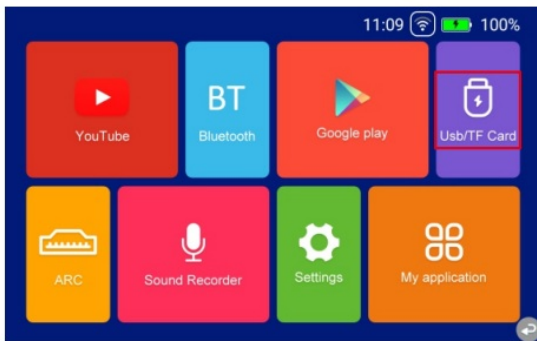
1. Click Bluetooth on the home page.

Setting

- 1.Apps:Apps management: Unloading and cleaning
- 2.Sound:Volume adjustment
- 3.Display:Screen brightness adjustment/Set the HDMI output resolution
- 4.Digital Wellbeing & parental controls
- 5.Language settings

2. Turn on Bluetooth in mobile phone Settings and select PartyCube for pairing.
3. After the match is successful, open the music player on the mobile phone
4. Click the previous song, the next song, play/pause on the song machine screen to control music playback.

• Flash drive playback



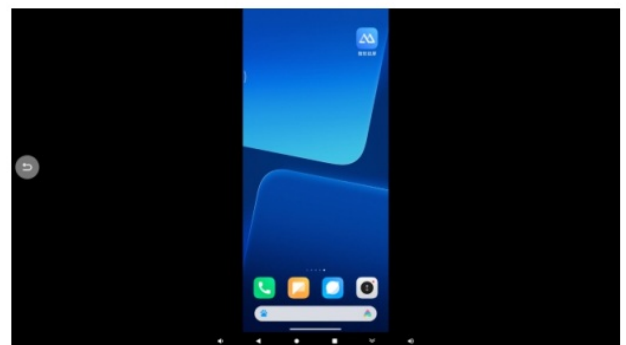
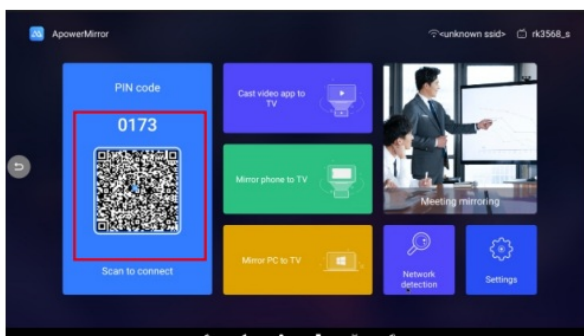
File Manager

The application and file of the machine, U disk and TF memory card can be classified and managed according to the format, which can be deleted, moved and copied

- Insert the USB flash drive into the USB port, click the USB flash drive on the home page to play.
- Automatically scan the USB disk. After the scan is complete, click the video to play the video Click music to play music.

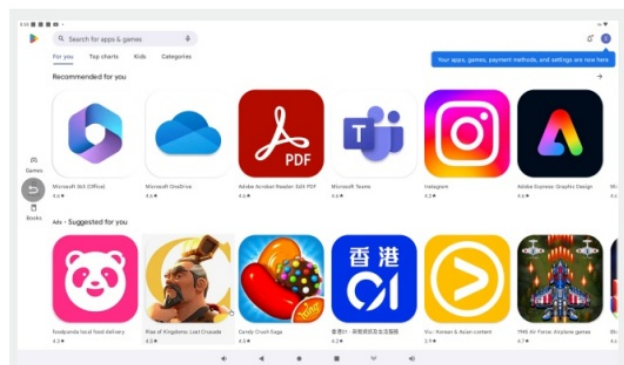
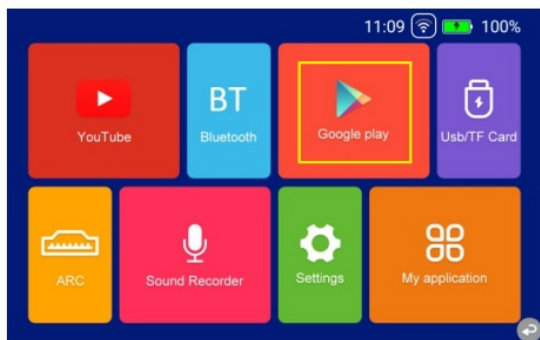
• ScreenShare

After connecting to the network, click on the projection screen, corresponding to different screen design with corresponding tutorials.

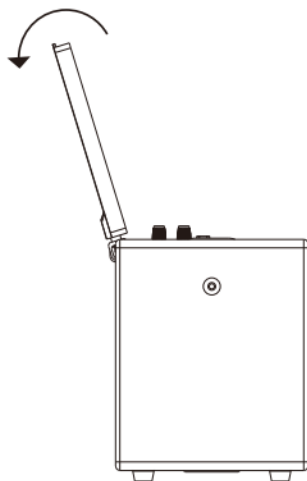


• Play store

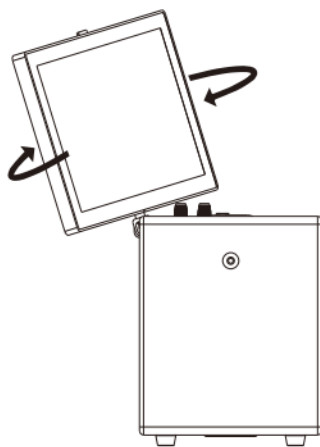
The application can be installed by itself after connecting to the network.



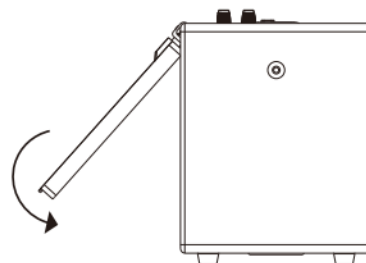
Screen storage



1 Rotate the screen back 20 degrees

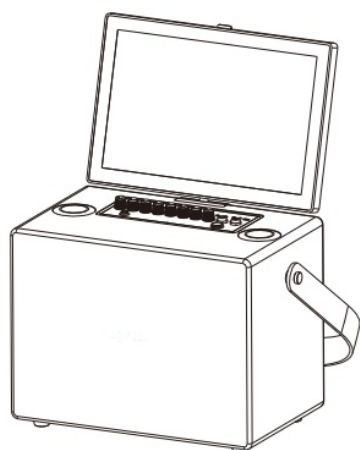


2 Rotate 180 degrees left and right

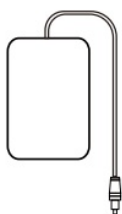


3 Cover the back to the bottom

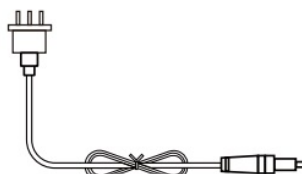
Product list



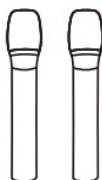
PartyCube14C



Charger



Cable



Microphonex2
(Optional)



18650 batteryx2
(Optional)



Specification
Certificate
Warranty card

Common problem

- **No startup display?**

1. Check whether the startup is in place. The startup indicator will light up after the startup.
2. Check whether the battery is powered on. If the power indicator is on, it indicates that the battery is powered on.

- **What if there is no sound??**

- Check whether the device is started.
- Check whether the knob of the speaker is set to the minimum volume.
- Check whether the display volume is set to the minimum volume.
- Check whether the audio output volume is set to the minimum.
- Restart the machine.

- **What if the wireless microphone has no sound?**

1. Check whether the wireless microphone is powered up.
2. Check whether the wireless microphone switch is on.
3. Check whether the microphone tuning knob of the speaker is adjusted to the minimum volume.
4. Whether the wireless microphone is out of the effective range.

- **Unable to download songs?**

1. Check whether the network is connected.
2. Check whether the connected network can access the Internet.

- **Unable to use voice request song?**

1. Check whether the network is normal.
2. Check whether you are following voice commands.

- **Unable to connect to Bluetooth?**

1. Check whether the Bluetooth mode is enabled.
2. Check whether the mobile phone is connected to another Bluetooth device.
3. Whether the stereo has been connected to another mobile phone.
4. Is it too far away.
5. Are there obstacles in the middle (such as walls)?
6. Turn off Bluetooth mode of mobile phone and KTV and turn on search again.

- **What should I do if the microphone is loud/noisy?**

1. Check whether the microphone is too close (the microphone should be more than 2 meters away from the speaker).
2. Turn down the volume of the microphone itself or the speaker.
3. Don't point the microphone directly at noise and speakers.

- **The USB flash drive or SD(TF) card cannot read?**

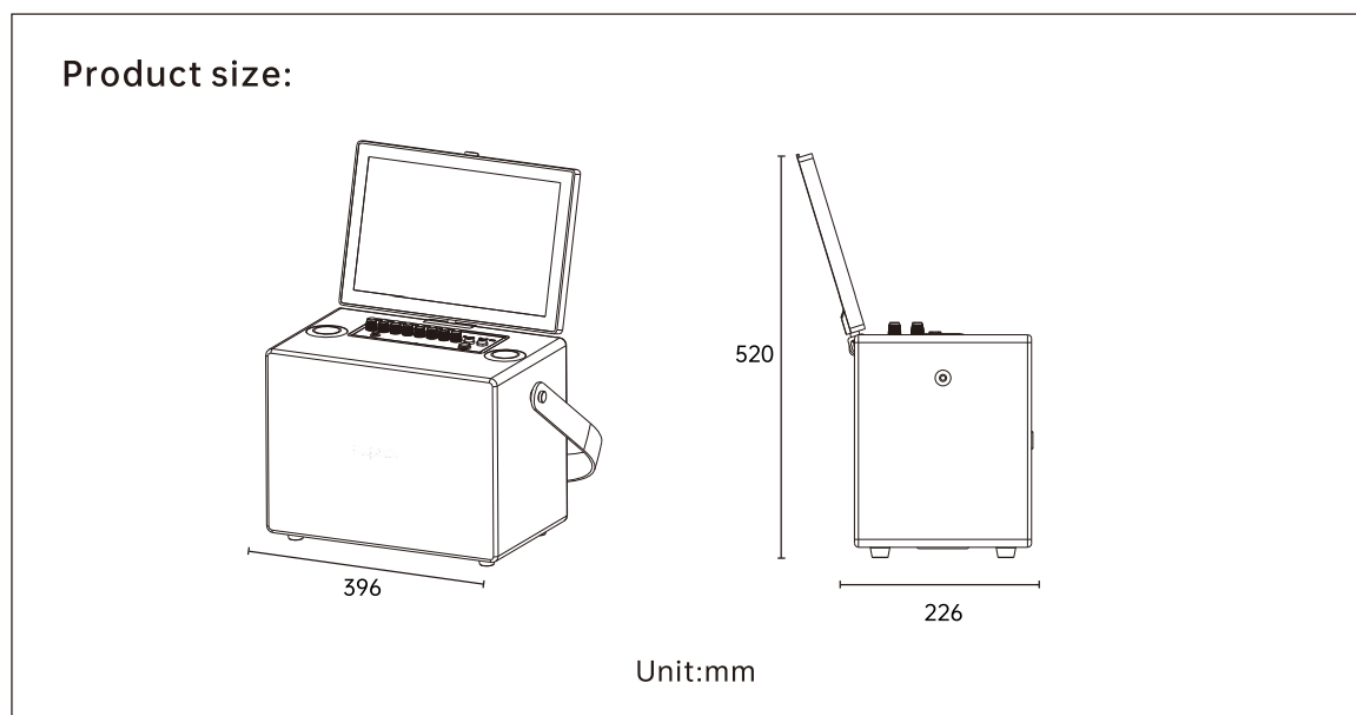
1. Check whether the USB flash drive or SD(TF) card is properly inserted.
2. Check whether the USB flash drive is damaged.

Product specification parameter

| Product model | | |
|---------------------------------|---|-------|
| Product model | PartyCube 14C | |
| Universal parameter | | |
| Body color | Black | white |
| Power supply | AC100 ~ 240 v, 50/60 Hz | |
| Total power | 60W | |
| Rated power | 50W | |
| Standby power | 0.5 W. | |
| chip | RK3568 2.0GHz 4 cores | |
| Android version | Android 11.0 | |
| Internal cache capacity (RAM) | 2GB | |
| Internal storage capacity (ROM) | 16GB | |
| Wifi | 2.4 G | |
| Bluetooth | 5.0 | |
| Bluetooth frequency | 2402-2480MHz | |
| Wireless projection screen | support DLNA, Miracast,Airplay Screen projection protocol | |
| Portable hard disk | 500GB(optional) | |
| Extended storage | TF card、 Portable hard disk(optional) | |
| Waterproofing class | IPX3 | |
| light | 5V Colorful running lights | |
| Mode of supply | DC11.1V 10Ah Lithium battery pack | |
| Battery parameter | | |
| Charging voltage | 15V | |
| Charging mode | 15V 4A adapter | |
| Battery capacity | 10 Ah | |
| Continuous charging current | 3.84 A / 0.2 C | |
| Charge limit voltage | 12.6V | |
| Discharge cut-off voltage | 8.25 V | |
| Charging time | ≈4 hours | |
| Endurance time | ≈4 hours | |
| Operating ambient temperature | - 20 °C ~ 60 °C | |
| Display parameter | | |
| Dimension | 14.1 inch | |
| Display size | 186(H) x 310(V)mm | |
| Overall dimension | L358*W268*H22.5mm | |

| | |
|--|--|
| Backlight technique | LED |
| Brightness | 250cd/m² |
| Contrast ratio | 3000: 1 |
| Visual Angle | 89/89/89/89 |
| Display color | 8-bit(D),16.7M |
| Display resolution | 1280*800 |
| Refresh frequency | 60Hz |
| Response time | 10ms |
| Touch parameter | |
| Touch material | Single sided AG glass |
| Touch count | Ten o'clock |
| Touch control technology | projective |
| transmittance | 85% or higher |
| Waterproof performance | Front waterproof fog, water drop interference |
| Response time | < 20ms |
| Sound box parameter | |
| Appearance size | L360*H270*W230mm |
| material | wood |
| Number of speakers | 4Ω 6.5 inch 50w Double voice coil Full frequency woofer*1 6Ω 1 inch 15w Tweeter*2 |
| Frequency response | 20Hz-20KHZ, ± 3dB |
| Signal-to-noise ratio | ≥90Kb |
| Rated impedance | 4Ω |
| Sound channel | 2.0 channel |
| Microphone parameters (standard wired microphone) | |
| Initiators | Moving circle type/KTV professional core |
| directivity | Gun shape |
| Number of mics | 1 piece |
| Frequency response | 40Hz-20KHz |
| Signal-to-noise ratio | ≥75Kb |
| Plug | 6.5mm |
| Wire length | 5m |
| Power amplifier parameter | |
| Bass chip model | TPA3116 |
| Operating voltage | 18.5V |
| Output power | 40W |
| Function | Wifi, Bluetooth, volume adjustment, reverb adjustment, instrument input, live broadcast, HDMI, Type-c, TF card |
| Other parameters | |

| | |
|--|------------------|
| Overall size | L360*H520*W226mm |
| Folding size | L360*H285*W226mm |
| Package size | 510X290X330mm |
| Net weight | 8KG |
| Gross weight | ≈10KG |
| Operating environment | |
| Operating temperature | 0~40°C |
| Working humidity | 10~90%RH |
| Accessories | |
| Charging adapter x1, power cord *1, 1.5m HDMI cable*1, wired microphone *1 (standard), wireless microphone (Optional) , back strap (Optional) , Storage bag (Optional) , Certificate, specification, warranty card | |



Matters need attention

The input voltage of the power supply must be within the range of the working input voltage specified by the power supply. If the input voltage is too high or too low, the power supply will not work properly. Please confirm whether the power grid voltage is consistent with the working input voltage of the power supply before use.

- In the use of electrical smoke, spark, burning smell, should immediately turn off the power switch, stop using it.
- This product contains lithium battery, when using should pay attention to inflammable goods, to prevent fire.
- Keep the product surface clean and clean, check whether the product appearance has obvious poor quality. Such as: damage, serious scratches, etc.
- To avoid the use of electrical appliances in a humid environment (as follows, rainy days), not to make electrical appliances wet, or damp, this will not only damage electrical appliances but also the risk of electric shock. Do not disassemble the board by yourself.
- If the display screen is dirty, wipe it with a dry cloth.

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm(8 inches)during normal operation. That changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Dongguan Riotouch Technology Co.,LTD
(www.riotouch.com C +86 13631706721
Daisy@Riotouch.com
www.riotouch.com
+86 13631706721
Daisy@Riotouch.com

Documents / Resources

| | |
|---|--|
|  | <p>Riotouch PartyCube 14C Interactive Professional Display [pdf] Instruction Manual PartyCube 14C, PartyCube 14C Interactive Professional Display, Interactive Professional Display, Professional Display, Display</p> |
|---|--|

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.