

Product User Manual

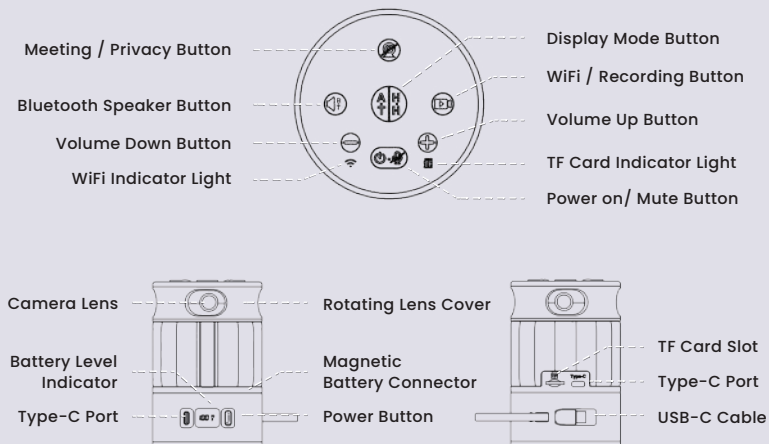
360° Intelligent Audio & Video Portable All-in-One Device

Please read this manual carefully before using the product.

Standard Package Contents

1. Main Unit	X 1	4. Data Cable	X 1
2. Stackable Magnetic Battery	X 1	5. User Manual	X 1
3. Tripod	X 1	6. Certificate of Conformity	X 1

Product Illustration



Operating Instructions

1. Operating Mode: Panoramic Meeting Mode

1.1 Connection

(1) **When using the magnetic battery for power:** Press the battery “Power” button to check if the magnetic battery is charged. Connect the main unit to the magnetic battery. When the main unit’s “Power/Mute” button shows a steady white light, it is powered on.

(2) **When not using the magnetic battery for power:** Use the data cable to connect the main unit to the computer. After the computer is powered on, the main unit’s “Power/Mute” button will show a steady white light, indicating it is powered on.

1.2 Startup and Operation

(1) **Power on:** Long-press the Power/Mute button. Device enters the last used mode.

(2) **Switch Mode:** If not in Panoramic Meeting Mode (solid blue Meeting/Privacy light), long-press the Meeting/Privacy button.

(3) **Connect to computer:** Ensure the data cable is properly connected.

(4) **Device Recognition:** Open your conferencing app and select “GP-8A” (camera, mic, speaker).

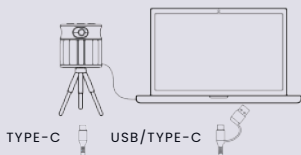
(5) **Switch display modes:** Long-press the Display Mode button to toggle between Panoramic Focus (A:T) and Split-Screen (H:H).

(6) **Microphone:** Short-press the Power/Mute button to toggle mic on/off.

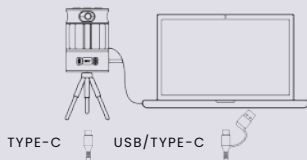
(7) **Camera:** Short-press the Meeting/Privacy button to toggle camera on/off.

(8) **Power Off:** Long-press the Power/Mute button.

When not using a magnetic battery

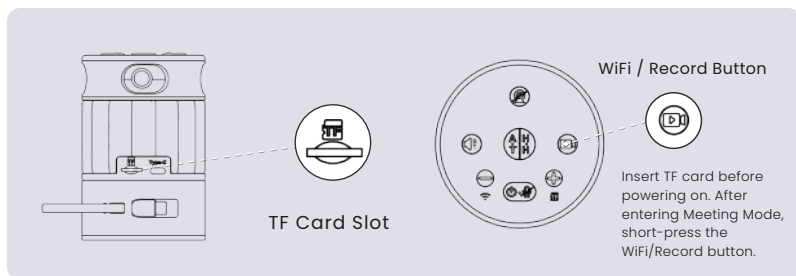


When using a magnetic battery



2. Operating Mode: Panoramic Recording Mode

- (1) Insert the TF card while the device is off.
- (2) Enter Panoramic Meeting Mode (the “Conference/Privacy” light turns solid blue). Make sure the TF card light is solid blue and the “WiFi/Record” light is solid white; if not, check the card.
- (3) Press the “WiFi/Record” button to start recording (flashes white), and press again to stop (returns to solid white).
- (4) Hold the “Display Mode” button to switch between display options (“A-T” = Panoramic Close-Up, “H-H” = Split Screen).
- (5) Press the “Power/Mute” button to toggle the microphone, and the “Conference/Privacy” button to toggle the camera.
- (6) To power off, hold “Power/Mute,” remove the TF card, and check recordings via a card reader. Files are saved as MP4 in 2-minute clips.



3. Operating Mode: Bluetooth Speaker Mode

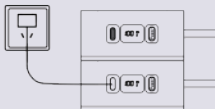
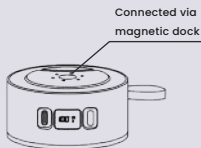
- (1) Hold the "Power/Mute" button to turn on.
- (2) To switch modes, hold the "Bluetooth Speaker" button (blue light flashes for pairing).
- (3) On your device, enable Bluetooth and select "GP-8A." Once paired, the blue light stays solid.
- (4) Press the "Bluetooth Speaker" button to toggle sound.
- (5) Use "Volume Up/Down" to adjust – hold to change continuously.

After pressing and holding the "Bluetooth Speaker" button, select "GP-8A" for Bluetooth pairing.



4. How to Stack and Use the magnetic batteries

- (1) Each magnetic battery has a capacity of 10,000mAh.
- (2) Press the battery "Power" button to display the remaining charge (percentage).
- (3) When used as a standalone power bank, both TYPE-C ports support fast charging.
- (4) The main unit and magnetic battery connect quickly via the magnetic dock.
- (5) Charge the magnetic battery through its TYPE-C port. The main unit's USB TYPE-C port cannot charge the battery.
- (6) When stacking multiple magnetic batteries, charging starts from the bottom battery and continues upward.



When the upper power bank is charging, the lower one cannot charge at the same time. Charging is prioritized for the bottom module.

Product Specifications

360° Intelligent Audio & Video Portable All-in-One Device			
Model	GP-8A	Product Alias	GoPal
Main Control Chip	Dragonfly Zero	Sound Source Localization	Mic Array
Image Sensor	1/2.8 - inch CMOS, 2 MP	Mic Pickup	Omnidirectional MIC + 3A Algorithm
Lens Focal Length	2.9mm	Pickup Radius	2-3M
Lens Depth of Field	3-5M	Audio Codec	G711A/PCM/AAC
Lens Viewing Angle	H: 360°, V: 60°	Built- in Speaker	4W
Video Encoding	H.264/MJPEG	File Storage	MP4
Frame Rate	1080P@25/30fps	Screen Mode	Panoramic + Close-up, Split-Screen
Video Tool	Cloud Meeting Tool	Recording Mode	Local TF Card Recording (requires TF card)
Function keys	7 Functional Keys	External Connection	Type-C (USB 2.0), Bluetooth
Product Size	Main Unit: 80 mm, Height: 83 mm (without battery) magnetic Battery: 80 mm, Height: 41 mm	Product Weigh	Main Unit: 280g Magnetic Battery: 220g
Magnetic Battery	10000 mAh External Module	Product Color	Moonlight Silver、Sahara Gold、Cosmic Black
Operating Environment	Temperature: - 10°C to 50 °C Humidity: 10 % ~ 95 %	Power Consumption	8W

Frequently Asked Questions

1. When the main unit is connected to a computer via USB, does it still need the magnetic battery (or external power supply)?

Not always. The power output of the computer's USB or TYPE-C port varies by brand and model. If the power supply is insufficient, you will need to connect an external magnetic battery or external power supply to ensure stable power.

2. What kind of meeting rooms is this panoramic smart audio-video all-in-one device suitable for?

It is suitable for small to medium meeting rooms with a radius of 3–5 meters (about 7–15 people). The optimal radius is 2–3 meters. Please note that environmental factors such as background noise, echo, or lighting conditions may affect audio and video performance.

3. Why do images sometimes appear duplicated or blurry?

The product uses multi-lens stitching technology. Overlapping lens areas are processed using “stitching alignment” algorithms. In certain scenes, short-term duplication or blur may occur but will automatically correct. Additionally, because there are “blind zones” at the intersection of the two lenses, it's best to keep the stitching area within 60 cm of the subject and remove any obstructions in front of the lens.

4. In “Panoramic Close-Up” display mode, can the close-up view be locked in a fixed direction?

Yes. You can short press the “Display Mode” button to lock or unlock the close-up view.

5. During mode switching, do function keys still work?

While switching modes, the function keys are temporarily disabled, except for holding the “Power/Mute” button to force shutdown. Other keys will work again once switching is complete.

Product Precautions

1. **Humidity:** High humidity may cause internal metal parts to rust, short circuits, or lens mold. Keep dry and avoid high humidity/high temperature.
2. **Vibration:** Shaking or dropping may misalign the lens or loosen circuit boards, reducing image quality.
3. **Impact:** When moving the device, avoid pulling, twisting, or pressing the lens to prevent misalignment.
4. **Dust:** The microphone array is used for sound localization. Keep dust out of the mic holes to avoid affecting pickup and positioning.
5. **Power Supply:** Use 5V/2A power. Do not connect to high-voltage sources to prevent damage.
6. **Cleaning:** Keep the lens clean and dry. Avoid oil, steam, water, humidity, or touching by hand. For stains, use medical alcohol and a lens cloth. Do not use harsh cleaners or solvents.
7. **Falling:** Avoid tipping or dropping, especially when placed on a tripod.
8. **Protective Film:** If a protective film is present on top of the device, remove it before use.
9. **FCC Caution:** 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. Any 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.