



dji Quadrocopter, FPV Goggles V2 User Guide

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dji Quadrocopter, FPV Goggles V2



DJI Digital FPV System



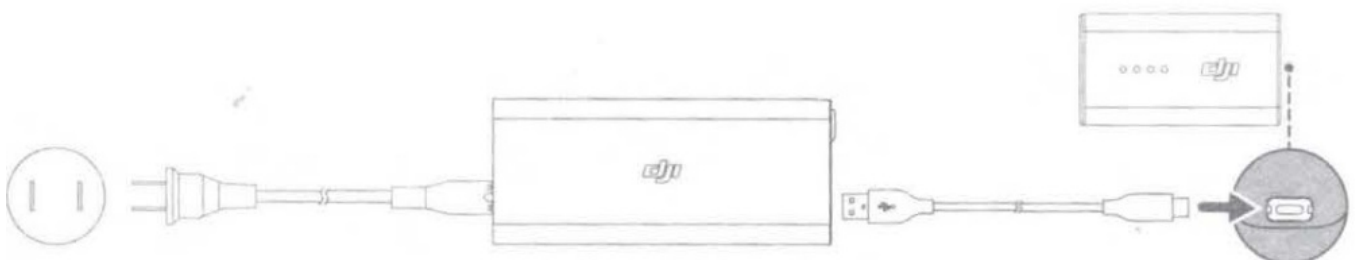
www.dji.com/fpv/video

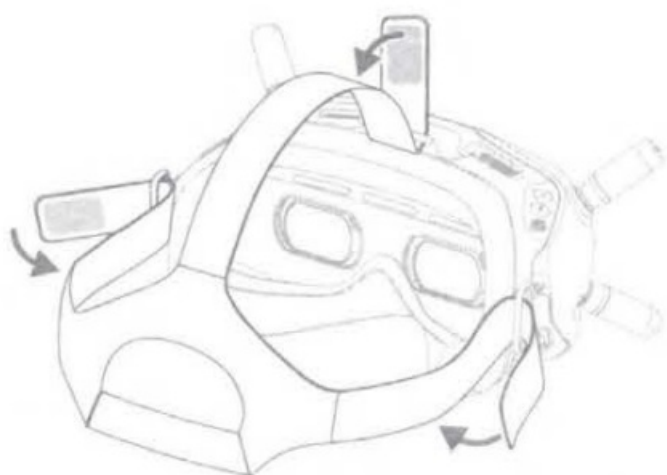
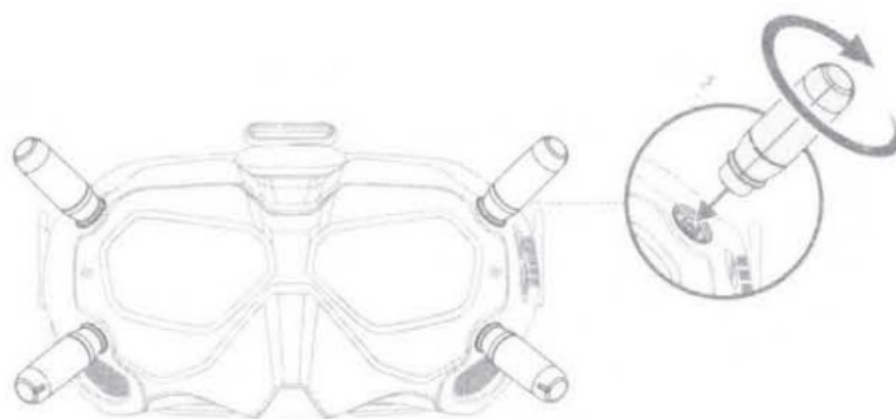
DJ FPv

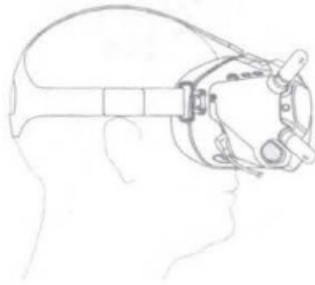
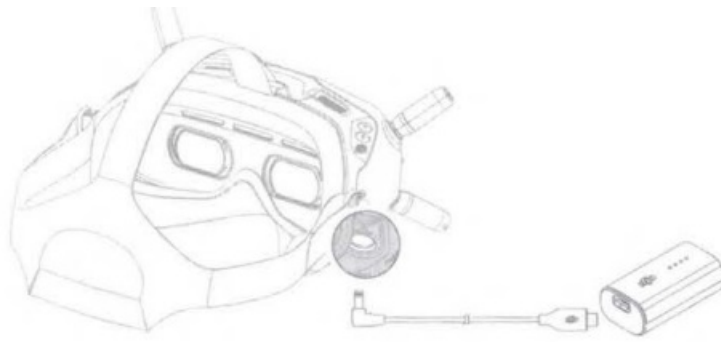


www.dji.com/dji-fpv/video

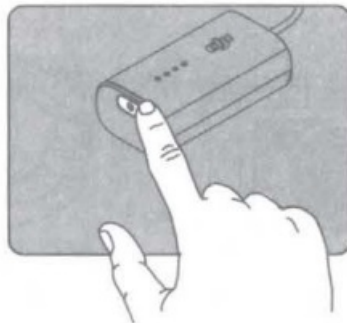
INSTALLATION



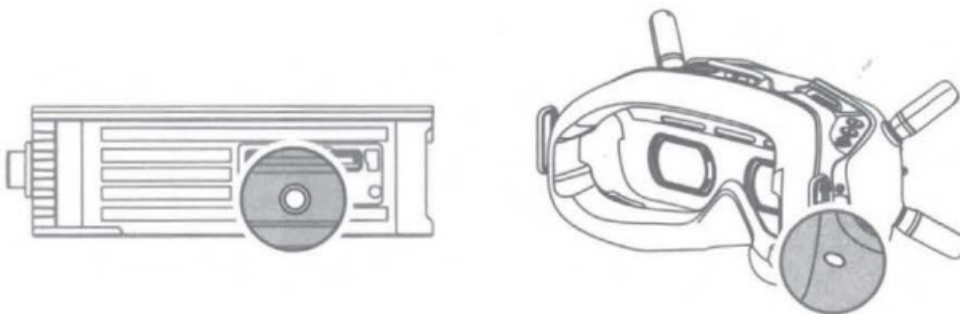




58 – 70 mm



Press once to check the battery level.



Linking

Ensure that all devices are powered on.

1. Press the link button on the air unit. The linking status indicator will turn solid red.
2. Press the link button on the goggles. The goggles will beep continually.
3. The linking status indicator of the air unit turns solid green. The goggles will stop beeping when they are successfully linked and the video display is normal.

If you need to use the Goggles and remote controller together, the air unit must be linked to the goggles before the remote controller.

When powered on, connect the goggles to a computer and run OJI ASSISTANT™ 2 for activation. When powered on, connect the goggles to a computer and run OJI ASSISTANT™ 2 for activation.

5D Button



Toggle to scroll through the menu. Press to confirm.

Record Button

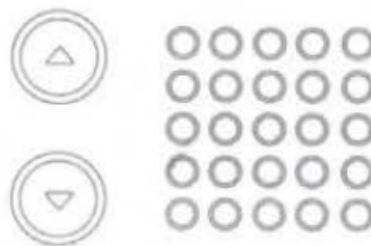


Press to start or stop video recording.

Back Button



Press to return to the previous menu or exit the current mode.



Channel Adjustment Buttons

Press to switch channels.

Channel Display

Displays the current channel.

Disclaimer and Warning

Please read this entire document and all safe and lawful practices OJI™ provided carefully before use. Failure to read and follow instructions and warnings may result in serious injury to yourself or others, damage to your OJI product, or damage to other objects in the vicinity. By using this product, you hereby signify that you have read this disclaimer and warning carefully and that you understand and agree to abide by the terms and conditions

herein. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. OJI accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. OJI is a trademark of SZ OJI TECHNOLOGY CO., LTD. (abbreviated as "OJI") and its affiliated companies. Names of products, brands, etc., appearing in this document are trademarks or registered trademarks of their respective owner companies. This product and document are copyrighted by OJI with all rights reserved. No part of this product or document shall be reproduced in any form without the prior written consent or authorization of OJI. This document and all other collateral documents are subject to change at the sole discretion of OJI. For up-to-date product information, visit <http://www.dji.com> and click on the product page for this product.

This disclaimer is available in various languages. In the event of divergence among different versions, the English version shall prevail.

Usage

Visit <http://www.dji.com/fpv> (User Manual) to learn more about how to use this product with OJI FPV Air Unit.

Visit <http://www.dji.com/dji-fpv> (User Manual) to learn more about how to use this product with OJI FPV Orone.

Specifications

Goggles (Model: FGDB28)	
Weight	Approx. 420 g (incl. headband and antennas)
Dimensions	184×122×110 mm (excl. antennas)
	202×126×110 mm (incl. antennas)
Screen Size	2-inch × 2
Screen Resolution (Single Screen)	1440×810
Operating Frequency	2.400-2.4835 GHz; 5.725-5.850 GHz
Transmitter Power (EIRP)	2.4 GHz: ≤28.5 dBm (FCC), ≤20 dBm (CE/SRRC/MIC)
	5.8 GHz: ≤31.5 dBm (FCC), ≤19 dBm (SRRC), ≤14 dBm (CE)
Live View Mode	Low Latency Mode (810p 100fps/120fps)
	High Quality Mode (810p 50fps/60fps)
Video Format	MP4 (MPEG-4 AVC/H.264)
Supported Video Play Format	MP4, MOV, MKV (Video format: H.264; Audio format: AAC-LC, AAC-HE, AC-3, MP3)
Operating Temperature	0° to 40° C (32° to 104° F)
Power Input	Recommend to use DJI FPV goggles battery
	Other battery: 11.1-25.2 V
Goggles Battery	
Capacity	1800 mAh
Voltage	9 V max
Type	LiPo 2S
Energy	18 Wh
Charging Temperature	0° to 45° C (32° to 113° F)
Max Charging Power	10 W

Please refer to <http://www.dji.com/service> for after-sales service for your product where applicable. OJI shall mean SZ DJI TECHNOLOGY CO., LTD. and/or its affiliated companies where applicable.

Compliance Information

FCC Compliance Notice

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 an undesired operation.

After changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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:

- Recent or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The end user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.

ISED Compliance Notice

This device contains license-exempt transmitters (s/receivers) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. The end user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.

Compliance Statement: SZ DJI TECHNOLOGY CO., LTD. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the EU Declaration of Conformity is available online at www.dji.com euro-compliance EU contact address: DJI GmbH, Industriestrasse


12, 97618, Niederlauer Germany

Compliance Statement: SZ DJI TECHNOLOGY CO., LTD. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of FRadio Equipment Regulations 2017. A copy of the GB Declaration of Conformity is available online at www.dji.com euro-compliance.

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Documents / Resources

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References

- [CONSO s.r.l.](#)
- [DJI - Official Website](#)
- [DJI - Official Website](#)
- [DJI FPV - Redefine Flying - DJI](#)
- [EU Declaration of Conformity - DJI](#)
- [DJI Digital FPV System - DJI](#)
- [Support - DJI](#)
- [Support - DJI](#)

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