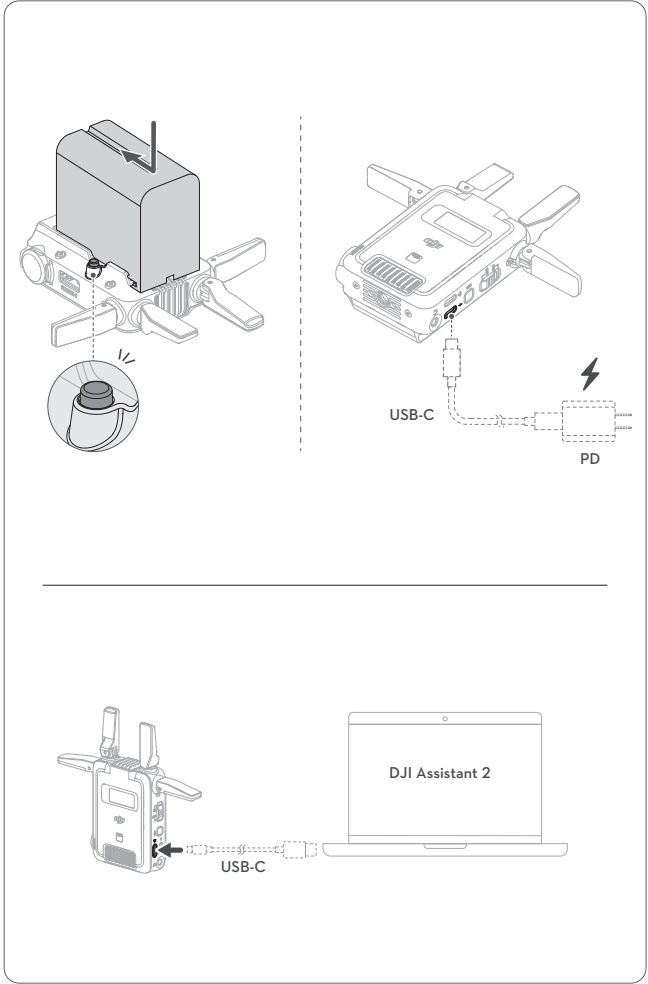


DJI SDR Transmission Receiver (RX)

Product Information

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v1.0



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This content is subject to change.

Download the latest version from
<https://www.dji.com/sdr-transmission/downloads>

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Disclaimer

Carefully read this entire document and all safe and lawful practices provided before use.

Introduction

DJI™ SDR Transmission Receiver (RX) features DJI SDR video transmission and receives the video signal from the transmitter. It supports multiple frequency bands, ensuring stable signal transmission in different environments. The receiver supports Control mode and Broadcast mode and simultaneously outputs multiple video signals to display devices for remote monitoring. The receiver is capable of meeting the filming requirements of various scenarios when used with the DJI SDR Transmission Transmitter (TX).

Power Supply

NP-F Series Battery

Insert the NP-F battery into the battery compartment of the receiver. Make sure that the battery release button pops up and the battery clicks into place.

- Make sure to use the NP-F battery within the operating temperature range. DO NOT disassemble or pierce a battery in any way or it may leak, catch fire, or explode.

USB-C

A USB-C power cable can be used to connect to the USB-C power port of the receiver to provide uninterrupted power supply.

- It is recommended to use chargers supporting PD protocol.
- When a battery is installed in the receiver and the USB-C power cable is connected, USB-C power supply is prioritized.

Activation

Activation is required when using the receiver for the first time. Follow the steps below to activate the device:

- Toggle the power switch of the device to power it on after installing the battery or connecting the USB-C cable.
- Connect the USB-C port of the device to the computer using a USB-A to USB-C cable. Launch DJI Assistant 2 (Ronin Series), click the corresponding device icon, and follow the instructions onscreen to activate the device.
Download the software from:
<https://www.dji.com/sdr-transmission/downloads>
- After activation, if the computer issues a prompt for a new firmware update, it is recommended to upgrade the firmware to experience the latest features. Make sure the receiver is the same version as the transmitter.

Usage

After activating and completing the firmware upgrade, read the DJI SDR Transmission User Guide (<https://www.dji.com/sdr-transmission/downloads>) for detailed instructions including information about linking and the screen interface.

Specifications

Operating Frequency ^[1]	SDR 2.4000-2.4835 GHz 5.725-5.850 GHz
Transmitter Power (EIRP)	SDR 2.4000-2.4835 GHz: <30 dBm (FCC), <20 dBm (SRRC/CE/MIC) 5.725-5.850 GHz: <30 dBm (FCC), <14 dBm (CE), <23 dBm (SRRC)
Max Bitrate	20 Mbps
Output Video Format	1080p: 23.98/24/25/29.97/30/50/59.94/60 fps 1080i: 50/50.94/60 fps 720p: 50/59.94/60 fps
Max Transmission Distance	3 km (FCC), 2 km (CE/SRRC/MIC) (unobstructed, free of interference)
Operating Temperature	-10° to 40° C (14° to 104° F)

[1] Due to local regulations, the 5.8 GHz frequency is prohibited in some countries.

CHS

免责声明和警告

使用本产品之前，请仔细阅读并遵循本文及与本产品相关的所有安全与合规操作指引。

简介

DJI™ SDR 图传接收器采用 DJI SDR 图传技术，接收发射端视频信号。支持多种频段，确保不同环境下信号稳定传输。具备控制模式和广播模式，同时支持多路信号输出到显示设备，实现远程监看功能。配合 DJI SDR 图传发射器使用，能够满足各种场景下的拍摄需求。

供电

NP-F 系列电池供电

将 NP-F 电池置入图传发射器背面电池插槽，按照图示方向将其推至底部。RELEASE 按键弹起并发出“咔”的一声说明电池已安装稳固。

- 务必在工作环境温度范围内使用电池。禁止以任何方式拆解或使用尖锐物体刺破电池，否则将会引起电池着火甚至爆炸。

USB-C 供电

可使用 USB-C 供电线连接至图传接收器的 USB-C 供电口，为图传接收器不间断供电。

- 推荐使用支持 PD 协议的充电器。
- 当图传设备安装电池并连接上 USB-C 供电线时，USB-C 供电优先。

激活

全新的图传接收器需要激活后方可使用。激活步骤如下：

- 设备供电后，拨动机身侧面的开关，开启电源。
- 将设备的 USB-C 口通过 USB-A 转 USB-C 线连接至计算机并运行 DJI Assistant 2 (Ronin 系列) 调参软件，登录 DJI 账号，点击设备图标按照提示进行激活。
调参软件下载地址：
<https://www.dji.com/sdr-transmission/downloads>
- 激活后，若电脑端提示固件更新，建议点击升级，以使用最新版本功能。接收器与发射器需版本一致。

使用

激活并完成固件升级后，可在《DJI SDR 图传使用说明》(<https://www.dji.com/sdr-transmission/downloads>) 查看对频、屏幕操作等详细使用说明。

规格参数

工作频率 ^[1]	SDR 2.4000-2.4835 GHz 5.725-5.850 GHz
发射功率 (EIRP)	SDR 2.4000-2.4835 GHz: <30 dBm (FCC) , <20 dBm (SRRC/CE/MIC) 5.725-5.850 GHz: <30 dBm (FCC) , <14 dBm (CE) , <23 dBm (SRRC)
最大编码码率	20 Mbps
视频输出格式	1080p: 23.98/24/25/29.97/30/50/59.94/60 fps 1080i: 50/50.94/60 fps 720p: 50/59.94/60 fps
图传最大距离	3 km (FCC) , 2 km (CE/SRRC/MIC) (无干扰、无遮挡)
工作环境温度	-10 ℃至 40 ℃

[1] 部分地区不支持 5.8 GHz 频段，详情请参考当地法律法规。

