

dji assistant 2 app mac download



How to update your DJI drone's firmware with your Windows PC.

If you're having firmware issues on your DJI drone or you'd just rather not have to do it wirelessly with your phone or tablet, there's a great way to handle it with your Windows PC. Here's what you need to know.

Products used in this guide.

Amazon: DJI Mavic Pro Platinum (\$880) DJI: DJI Assistant 2 (Free)

First thing's first.

The first thing to do is download and install the DJI Assistant 2 application on your PC. There are a few different versions of it, and while the features and how the apps work is basically the same, each version is specific to different drones.

There's a version for most of the drones made in 2018 and earlier, including the Mavic Pro and Mavic Air, a dedicated version for the Mavic 2, the Phantom, and many other DJI products besides. All you need to do is make sure you check you're selecting the right version for your drone from the downloads page.

It's also a good idea to use whatever USB cable came with the drone to connect it to your PC. We've experienced issues that were rectified simply by using this cable instead, so it's a good idea to make sure you use it.

How to update your DJI drone firmware with your Windows PC.

Connect the micro USB cable to the drone . Connect the same micro USB cable to your PC . Turn on the drone (press then press and hold the power button in most cases.)

Open the DJI Assistant 2 application on your PC.

Select your drone from the main screen.

Select firmware update from the left-hand menu.

Click the start update button.

The app will now download the latest firmware and flash it to your drone. The process will take a little while and the drone will reboot as part of it.

Besides being an easy way to update to the latest firmware, you can also use DJI Assistant 2 as a way to reset your drone to factory settings, refresh the current firmware installation, or downgrade to an older build if there are bugs you're not happy with in the newer ones.

How to update your DJI controller with your Windows PC.

Unless your drone and controller have consistent firmwares, you'll get warning messages when you try to fly and you'll be forced to update before taking off. So while you're updating the drone, update its controller in a very similar way using your PC.

Connect the micro USB cable to the controller . Connect the same micro USB cable to your PC . Turn on the controller (press then press and hold the power button in most cases). Open the DJI Assistant 2 application on your PC.

Select your controller from the main screen.

Select firmware update from the left-hand menu.

As with the drone, the DJI Assistant 2 app can also be used to downgrade the controller's firmware, refresh or restore to factory settings.

There are plenty of other things you can do with the DJI Assistant 2 app, but for most people handling firmware is the biggest convenience. By using it you can minimize your risk of having to download anything before you fly, though as it can't handle battery firmware updates, you'll still need to download these through the DJI Go app on your phone or tablet.

Our top equipment picks.

DJI Assistant 2 works with all recent DJI drones, but it's a great time to pick up the Mavic Pro Platinum featured here.

Droning on.

DJI Mavic Pro Platinum

Quiet, great battery life and priced to move.

The Mavic Pro Platinum is quieter than the original model while still boasting the same great 12MP camera capable of stunning 4K video.

Since the Mavic 2 line arrived in 2018, prices of the previous generation Mavic Pro Platinum have fallen a fair bit. It's still a phenomenal drone, but now within reach of tighter budgets.

Additional Equipment.

To manage your drone and controller's firmware from your PC you also need the free DJI Assistant 2 application.

DJI Assistant 2 (Free at DJI)

Manage firmware, flight logs and more from your PC with the DJI Assistant 2 app for Windows.

We may earn a commission for purchases using our links. [Learn more.](#)

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Richard Devine.

Richard Devine is an Editor at Windows Central. A former Project Manager and long-term tech addict, he joined Mobile Nations in 2011 and has been found on Android Central and iMore as well as Windows Central. Currently you'll find him covering all manner of PC hardware and gaming, and you can follow him on Twitter and Instagram

How to Fine-tune Your Drone with DJI Assistant 2.

DJI is undoubtedly the number one brand when it comes to consumer and professional-level drones. Year after year, they continue to release the best drones loaded with some of the most useful and innovative features. DJI also offers a host of apps and software to support the owners of their drones. One of the most useful software, albeit unfamiliar to many, is the DJI Assistant 2. In this article we go over all the useful functions of the DJI Assistant 2, which drone models it is compatible with, and where you can download it.

What is the DJI Assistant 2?

DJI Assistant 2 is a software for your desktop or laptop that allows you to tweak with your drone's firmware and download flight logs, among other functions. It has versions for both Windows and Mac operating systems. It is a completely different piece of software to the DJI GO app for mobile devices.

Despite its usefulness, many owners of DJI drones do not even know that this software exists. It is currently available in 3 versions. Older drones such as the Spark and Mavic Pro are compatible with the standard DJI Assistant 2, while the newer Mavic drones and the Phantom 4 series have their own special versions. There are also dedicated DJI Assistant 2 versions for the Matrice 200, MG-1S, and the DJI Battery Station.

The best thing about the DJI Assistant 2 software is that it is free to download from the DJI website. For a DJI drone owner, there really is no reason not to download and install this software.

Compatible models and download links.

Not all DJI drones or products are compatible with the DJI Assistant 2 software. Even if your drone was one of the compatible models, sifting through DJI's numerous download pages can be quite a task. To make it easier for you, we have compiled a list of all compatible drones and products with links to their corresponding download pages.

DJI Mavic Air DJI Spark DJI Mavic Pro DJI Mavic Pro Platinum DJI Inspire 2 DJI Matrice 100 DJI Matrice 600 DJI Matrice 600 Pro DJI MG-1 DJI Goggles DJI Goggles RE DJI Lightbridge 2 DJI Osmo Mobile DJI E5000 DJI Mavic 2 Pro DJI Mavic 2 Zoom DJI Mavic 2 Enterprise DJI Phantom 4 DJI Phantom 4 Pro DJI Phantom 4 Pro Advanced DJI Phantom 4 Pro V2.0 DJI Matrice 200 DJI Matrice 210 DJI Matrice 210 RTK DJI A3 Flight Controller DJI N3 Flight Controller.

Connecting your drone.

To use the software with your drone, it must be tethered to your desktop or laptop computer using a micro-USB cable. Once the drone has been connected, the DJI Assistant 2 will recognize the drone and its functions will be accessible.

Upgrading firmware.

The first option available to you after the drone has been recognized is for updating the drone's firmware. This is a pretty straightforward process

that allows you to update your drone's firmware to the latest version available. If you are having problems with your drone which you suspect are due to its firmware, you also have the option of 'refreshing' your firmware – basically reinstalling the whole thing. You also have the option of downgrading your drone's firmware to an older version.

Many owners of DJI drones probably know that you can also update your drone's firmware using the DJI GO mobile app. Convenient as it sounds, we still prefer upgrading firmware via the DJI Assistant 2 because it's much faster. The DJI Assistant 2 also provides links to the release notes of the firmware so you will be better informed of what you are upgrading to.

The DJI Assistant 2 software also has versions that can upgrade the firmware of DJI's non-drone products, such as the DJI Goggles or Battery Station.

Downloading flight logs and Blackbox.

The DJI Assistant 2 also offers the capability to download detailed flight logs onto your computer or to the DJI servers. However, flight logs downloaded via the Assistant 2 come out in .dat format and are essentially text files with a large amount of incomprehensible data. This is quite disappointing, considering that flight logs downloaded via the DJI GO mobile app are viewable using a very simple and intuitive graphical interface.

The DJI Assistant 2 does have a Flight Data Viewer module that seems to have been meant to simplify viewing of the flight data. However, it does not seem to be functioning as intended yet. There is a good workaround to this problem that involves the use of third-party websites (such as AirData) that can convert the .dat files into a more palatable format. Although it is disappointing that users need to resort to using third-party solutions, the output shows just how much data the .dat files contain – aside from position tracking, it stores data on battery temperature, battery levels, maximum altitude, and total distance travelled.

Even with the absence of a good flight data viewer, the .dat files are great for sending flight data logs to DJI for their analysis in case something goes wrong with your drone. The DJI Assistant 2 also makes this process easier with its convenient "Report Data File" button.

The versions of the DJI Assistant 2 for higher-end drones (such as the Mavic 2 series and Phantom 4 series) features more tabs in the flight log download module. This allows for discrete downloads of data specific from the drone's navigation system, camera, or gimbal. This makes it easier to sift through data by eliminating all the unnecessary datasets.

DJI Assistant 2 also offers an option to download a Blackbox file, which also results in a complex .dat files. Similar to how a plane's blackbox records all its pertinent data, the DJI Blackbox file probably contains much more information than what is recorded in the flight logs. This is probably not something that is designed for user analysis but is also a good method for reporting problems to DJI.

Calibrating vision sensors.

Should your drone's vision positioning sensor malfunction for any reason, then the DJI Assistant 2 provides a convenient vision calibration process that you can do right in front of your computer. Activating the Calibration module displays a grid on the screen. You then simply hold your drone's sensors up to the screen and follow the instructions.

The calibration process must be done twice for each sensor. For reference, the older Mavic Pro has sensors in the forward direction and at the bottom, meaning it must go through the calibration process 4 times. More advanced models, such as the Mavic 2 Pro with omnidirectional sensors, will take a longer time to calibrate.

After the calibration process, the drone must be synced with the newly calibrated settings and restarted before they can take effect.

Flight simulator.

The DJI Assistant 2 also has Simulator Lite module that allows you to fly a virtual drone in your computer screen using your remote controller. Although it's a nice feature that allows you to fly a drone in a risk-free environment, the controller response feels a bit clunky and the simulator environment itself is rendered in low resolution. It offers a poor experience, but then again – this software is free. You likely will not spend a lot of time flying in this DJI Assistant 2 flight simulator.

For drone pilots geared more towards professional applications, a much better alternative is the DJI Flight Simulator. Released just this November 2018, the DJI Flight Simulator features amazing visuals, a sophisticated physics engine, and industry-specific training modules. It is compatible with almost all enterprise-level DJI drones but is also compatible with popular consumer models such as the Spark and Mavic Air.

Change WiFi settings.

Finally, the DJI Assistant 2 allows you change the SSID name and password for drones that are WiFi-capable. This is a good move to keep the connection between your drone and smartphone more secure.

Final thoughts.

Overall, the DJI Assistant 2 is a powerful and very useful software that is a must-download for all owners of DJI drones. The software is free and has a very small size, so there is no reason to pass up on it. The software still has a few issues on usability and functions that don't appear to work they way they were meant to be, but we are confident that DJI will get around to fixing these problems soon.

Testing, Profiling & Debugging.

Application development requires extensive testing, profiling and debugging. DJI provides tools including an aircraft simulator, a wireless bridge application and remote logging functionality to make development faster and more convenient.

Aircraft Simulator.

DJI aircraft products include a simulator that resides in the aircraft Flight Controller that can:

Take aircraft control input from the remote controller (manual flight) or application (SDK commands) Simulate aircraft behavior in a simulated environment based on the input Output aircraft state information based on the simulated behavior.

This allows both manual and automated flights to be simulated without actually flying the aircraft.

DJI provides tools for Windows and Mac which can be used to initialize the simulator, and visualize the aircraft behavior based on the state information provided by the simulator:

DJI Assistant 2 (Windows or Mac) is used for newer aircraft like Spark, Mavic Pro, Phantom 4 series and Matrice series. DJI PC Simulator (Windows only) is used for Phantom 3 series, Inspire 1 series of aircraft.

Additionally, simulator initialization, monitoring and termination can be controlled directly through the SDK allowing for application development in continuous integration environments.

DJI Assistant 2 Simulator.

The DJI Assistant 2 tool is built specifically for SDK developers and can initialize, terminate and provide visualization of the aircraft simulator running in the Flight Controller of the DJI aircraft. DJI Assistant 2 connects to the aircraft through USB.

Supported DJI Products: Spark, Mavic Pro, Matrice series, Phantom 4 Series, Inspire 2. Supported Operating Systems: Mac OS X 10, Windows 7, Windows 8, and Windows 8.1.

Note: Windows 10 is not officially supported, but generally does work.

Installation and Setup.

Download DJI Assistant 2 for Mac. Install the driver by double clicking on it and following the instructions. Open the downloaded DMG file. Drag Assistant.app into the systems Applications folder.

Windows.

Download DJI Assistant 2 for Windows. Run the installer executable. Follow the installation instructions. During installation, confirm the request to install the driver.

Using DJI Assistant 2.

On launch, a window asking for connection of DJI Assistant 2 to the Aircraft will appear.

Connect the aircraft to the Mac or PC with a USB cable .

Turn on the remote controller and then turn on the aircraft. After a few seconds, the application will detect the aircraft.

Select "Mavic Pro" in the connected devices page, and select the Simulator tab on the left side. The following screen should be seen:

Press the Open button and enter the desired starting latitude and longitude and wind speed desired.

Press the Start Emulating button. The connected product will be shown, as well as some of the position and speed state information.

Note: Positive World X, Y and Z are North, East and Up directions respectively.

Take-off and fly with the remote controller to experiment with the simulator.

The view angle can be changed by left-clicking and dragging in the visualization window. Scrolling within the window will zoom in and out.

While flying, the flight path can be traced by right clicking on the visualization and selecting Setup .

Then select show trace under the simulator UI Config tab to display the flight trace, as shown below:

The flight path trace will then be added to the visualization.

DJI PC Simulator.

The DJI PC Simulator tool is built specifically for SDK developers and can initialize, terminate and provide visualization of the aircraft simulator running in the Flight Controller of the DJI aircraft. The DJI PC Simulator tool connects to the aircraft through USB.

Supported DJI Products: Phantom 3 series, Inspire 1 series. Supported Operating Systems: Windows 7, Windows 8, Windows 8.1.

Note: Windows 10 is not officially supported, but generally does work.

Installation and Setup.

Download the DJI PC Simulator Installer and User Manual and WIN Driver Installer from this page: <http://developer.dji.com/mobile-sdk/downloads/>

Run the Win Driver Installer.

For earlier product compatibility, a dialog box with the message Please power on MC and connect it to PC via USB! will be shown. No action is required now, so press Yes to continue. Follow the remaining installation steps.

Run the DJI PC Simulator Installer.

Follow the installation steps to complete installation.

Using the DJI PC Simulator.

The DJI PC Simulator can either be run on a Windows PC or on a virtual machine (like Parallels or VMWare) on a Mac.

First connect the Windows PC to the aircraft using USB and turn on the aircraft.

Start DJI PC Simulator to configure and initialize the aircraft simulator. Set latitude and longitude for simulation.

Note: The aircraft will not take off if the latitude and longitude is too close to or inside a GEO Zone .

If the aircraft is on and connected to the PC, then the serial number should be displayed in the SN: text view.

Select show log window under the Log Settings tab to display the log window.

Back in the Simulator Control tab, press Start Simulation to start the aircraft simulator. At this point the aircraft will simulate flight without actually starting the motors.

Press Display Simulation to start the visualization.

Take-off and fly with the remote controller to experiment with the simulator.

The visualization will show the connected product (in this case an Inspire 1), as well as some of the position and speed state information.

Note: Positive World X, Y and Z are North, East and Up directions respectively.

The view angle can be changed by left-clicking and dragging in the visualization window. Scrolling within the window will zoom in and out.

While flying, the flight path can be traced by right clicking on the visualization and selecting Setup .

Then select show trace under the simulator UI Config tab to display the flight trace, as shown below:

The flight path trace will then be added to the visualization.

In the Simulator Config window, Stop Simulation can be pressed to stop the simulation.

Important: To stop midway through a Waypoint Mission, stop the mission from the application, then stop the simulator. Otherwise the simulator may run the previous waypoint mission when restarted.

For more info about DJI PC Simulator , check the User Manual pdf file included in the download of DJI PC Simulator.

Continuous Integration Simulation.

DJI Assistant 2 and DJI PC Simulator both provide visualization of the aircraft simulator which requires a PC or Mac to be connected to the aircraft.

If visualization is not required, the DJI SDK can be used to start and stop the simulator. This means simulation can be performed without aircraft connection to a Mac or PC, allowing for automated testing in continuous integration environments.

The DJISimulator class in DJIFlightController is used to control the simulation. The class provides the ability to:

Start and stop simulation Seed the simulation with a GPS location Retrieve state information about the aircraft relative to the world.

Sample code is provided on using the simulator in a project here: [iOS | Android](#).

Wireless Bridge App.

For both Android and iOS, application development is most efficient when the mobile device is connected directly to Android Studio or Xcode through a USB cable.

However, some DJI aircraft require direct connection between the aircraft's remote controller and mobile device. This means the application cannot be connected to the development environment directly through USB.

For Android, ADB over WiFi can be used to enable real time development, however there is no such option for iOS.

Therefore, DJI provides a Wireless Bridge Application, or Bridge App .

The Bridge App connects directly to the remote controller. The mobile device running the developer's application is connected to the Mac. The SDK reroutes all aircraft traffic from USB to a WiFi connection with the Bridge App device.

Note: If only one mobile device is available, the Bridge App can also be run with the iOS simulator. In this case the mobile device would host the bridge app, while the developer application runs on the iOS simulator.

The SDK Bridge App is provided by DJI, you can download it from Apple App Store.

A tutorial describing how to use the DJI Bridge App is here.

Remote Logging

When testing an application in the field some form of logging is often required to understand behavior.

For iOS, the DJI Mobile SDK can be setup to allow remote logging. If the mobile device has an internet connection, messages can be logged to a remote server as they are generated during flight.

Dji assistant 2 app mac download.

It took me a while to figure out what the issue was. I installed it, started Assistant from launchpad and it looked like it didn't install as I got V 1.2.4 .

Checking in the app folder you will find it under the other name. For some reason Launchpad will not recognise it as an app and will not automatically add it to the launchpad application set.

Hope this helps cheers Brian.

I had the same issue and came to a solution for myself. Have you tried this: Locate the Install file via Finder --> Ctrl Click the package --> Select OPEN --> Follow Download Instructions (Yes download HoRNDIS) --> Restart.

On my first few attempts I noticed that when I double clicked the package and went through the process, I had the same results you did; couldn't find the app in my folder, apps list, or finder. When I attempted to start from scratch and opened the Install file, a prompt notified me that I "couldn't download Apps that were not from the app store". Apple advised the above process and it's now up and running for me.

I was looking for ages for a solution so I hope this helps you, if not someone else.

DJI Assistant 2 v1.0.7 NEEDED.

Hello All. I'm having issues with CDC driver and i've read that installing DJI A 2 1.0.7 can help with the issue (The issue is much deeper with the drone but i hope with Win7 i can downgrade it and solve the issue). Well, all links i found for it DROPBOX and DJI direct download does not work. Will someone please upload it somewhere and share it with me.

Keule.

CTO at SDS.

Apr 5, 2020 #2.

Here a link to the requested software:

xflyboy.

Member.

Apr 5, 2020 #3.

Love you. Downloaded. Thanks.

85.29 MB file on MEGA.

if somebody needs it.

PD: CDC driver issue not solved. Must be Drone. Will open another thread.

MAvic_South_Oz

Well-Known Member.

Apr 5, 2020 #4.

xflyboy.

Member.

Apr 5, 2020 #5.

MAvic_South_Oz

Well-Known Member.

Apr 5, 2020 #6.

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Started by gordongate Today at 7:41 PM Replies: 7.

Started by Tentes Today at 7:31 PM Replies: 1.

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About us.

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