



DJI AGRAS MG-1S Release Notes

Date:	2022.11.15
Remote Controller Firmware:	v5.3.0.1
DJI MG App:	v1.8.27

What's New?

- Changed map engine to improve map clarity.

Notes:

- Make sure to update the firmware for both the aircraft and the remote controller to the latest version. Otherwise, they will not be compatible with each other.
- A microSD card is required to update the remote controller firmware. Refer to AGRAS MG-1S Series Remote Controller Firmware Update Guide for details.



DJI AGRAS MG-1S Release Notes

Date:	2019.06.03
Aircraft Firmware:	v5.1.0.0
Remote Controller Firmware:	v5.1.0.0
DJI MG App:	v1.8.18
DJI Assistant 2 for MG:	v2.0.13

What's New?

- Supports using a flight battery of more than 300 charge cycles.

To ensure flight safety, it is not recommended to fly with batteries of more than 300 charge cycles.

Notes:

- Make sure to update the firmware for both the aircraft and the remote controller. Otherwise, they will not be compatible with each other.



DJI AGRAS MG-1S Release Notes

Date:	2019.04.04
Remote Controller Firmware:	v4.1.1.0
DJI MG App:	v1.8.16
DJI Assistant 2 for MG:	v2.0.13

What's New?

- Fixed issue occurring in some scenarios: the route operation could not be resumed.

DJI AGRAS MG-1S Release Notes

Date:	2019.03.14
Aircraft Firmware:	v4.1.0.0
Remote Controller Firmware:	v4.1.0.0
DJI MG App:	v1.8.15
DJI Assistant 2 for MG:	v2.0.12

What's New?

- Added aircraft firmware compatibility for flight controllers of different versions.
- Added a braking function for when the aircraft enters A-mode passively due to weak GNSS signals.
- Added a flying speed limit for A-mode.
- Improved the stability of the remote controller's wireless communication.
- Adjusted the condition of parameter settings for Manual Plus Operation mode. Parameters can be set before takeoff.
- Added support for XR110015VS nozzles.
- Added radar module's obstacle avoidance function to the options of the customizable buttons on the remote controller.
- Added the function to segment the route for larger fields. Users can split the route into segments when editing a field.
- Added an HD map mode to increase the coverage of the satellite map. To find this mode, go to "Operation View" in the app and select ●●● > ●●●.
- Added function to upload logs. Go to the main interface and select ☰ followed by ⚙️ to select and upload logs.
- Added the ability to switch between multiple flight modes using the app.
- Added the ability to verify that the firmware of each module matches.
- Added support for the MG Spreading System.
- Fixed some UI display issues in the app.
- Allowed automatic flight functions such as Route and A-B Route operations in the app (for the JP version only).
- Adjusted the Operation Mode Switch button in the app to a larger size for better identification (for the JP version only).

Notes!

- Be sure to update the firmware for both the aircraft and the remote controller. Otherwise they will not work together.
- A microSD card is required to update the remote controller firmware. Refer to the section entitled How to Update the Firmware of AGRAS MG-1S Remote Controller for details.



DJI AGRAS MG-1S Release Notes

Date:	2018.03.29
Aircraft Firmware:	v2.5.0.0
Remote Controller Firmware:	v2.5.0.0
DJI MG App:	v1.5.7
DJI Assistant 2 for MG:	v2.0.0

What's New?

- Added support for the MG Spreading System.

Notes!

- This firmware is only for the Japanese version of the MG-1S used with the MG Spreading System.
- Before this firmware update, be sure to update aircraft firmware to v2.1.0.0 if you haven't already.
- Be sure to update the firmware for both the aircraft and the remote controller. Otherwise they will not work together.
- A microSD card is required to update the remote controller firmware. Refer to the section entitled How to Update the Firmware of AGRAS MG-1S Remote Controller for details.

DJI AGRAS MG-1S Release Notes

Date:	2018.01.15
Remote Controller Firmware:	v2.3.0.0
DJI MG App:	v1.4.5

What 's New?

Remote Controller Firmware:

- Improved stability of the built-in GPS module.
- Added location display switch. Go to Main Interface in the app >  > Android System Settings > Location.
- Changed display device functionality: users can no longer adjust the display device system time.
- Fixed an issue causing a blurred screen.

Notes!

- A microSD card is required to update the remote controller firmware. Refer to the section entitled How to Update the Firmware of AGRAS MG-1S Remote Controller for details.



DJI AGRAS MG-1S Release Notes

Date:	2017.10.11
Remote Controller Firmware:	v2.2.0.0
DJI MG App:	v1.4.5

What 's New?

- Added remote controller compass calibration function. Go to Main Interface in the app >  > Android System Settings > Comapss Calibration.

Notes!

- A microSD card is required to update the remote controller firmware. Refer to the section entitled How to Update the Firmware of AGRAS MG-1S Remote Controller for details.

DJI AGRAS MG-1S Release Notes

Date:	2017.08.31
Aircraft Firmware:	v2.1.0.0
Remote Controller Firmware:	v2.1.0.0
DJI MG App:	v1.3.6
DJI Assistant 2:	v1.1.6

What 's New?

Aircraft Firmware:

- Added support for the Obstacle Avoidance Radar.
- For Manual Plus operation mode (M+):
Added a switch to lock the aircraft 's heading. Optimized spraying mechanism.
- For Japanese aircraft:
Added Ground Calibration for the flow meter. Measurement accuracy for spray data will now be within two decimal places.

Remote Controller Firmware:

- Added support for RTK.
- Optimized the shutdown protection function.
- Optimized satellite searching for the remote controller.
- Fixed an occasional issue where inputs were not registered correctly on the remote controller's touchscreen.*

DJI MG App:

- Added route segment for larger fields.
- Added flight restriction notifications when attempting to fly in unauthorized regions (flight is only permitted within the country where you purchase the product).
- Optimized flight limitations.
- Optimized completed area calculations.
- Added support for RTK.
- Added support for the Obstacle Avoidance Radar.

Notes!

- Be sure to use the latest version of DJI Assistant 2 to update aircraft firmware.
- Be sure to update the firmware of both the aircraft and the remote controller. They will not work together otherwise.

* A microSD card is required to apply the remote controller firmware update that fixes this issue. Refer to the section entitled How to Update the Firmware of AGRAS MG-1S Remote Controller for details.



DJI AGRAS MG-1S Release Notes

Date:	2017.07.24
Aircraft Firmware:	v1.3.2.0
Remote Controller Firmware:	v1.3.2.0
DJI MG App:	v1.0.61
DJI Assistant 2:	v1.1.1

What's New?

- Improved signal transmission quality.
- Fixed rare issue of aircraft losing connection and control with the remote controller.
- Fixed issue with incorrect display of the remote controller firmware version.

Notes!

- Be sure to update the firmware of both the aircraft and the remote controller. They will not work together otherwise.
- A microSD card is required to update the remote controller firmware. Refer to the section entitled How to Update the Firmware of AGRAS MG-1S Remote Controller for details.
- If an error occurs during an update, just power off the aircraft and wait for the data protection module to discharge fully. Power on the aircraft after the Aircraft Status Indicator turns off. The latest firmware version display in DJI Assistant 2 will indicate a successful update.
- After both sets of firmware are updated, restart both the aircraft and the remote controller and re-link them.

DJI AGRAS MG-1S Release Notes

Date:	2017.06.09
Aircraft Firmware:	v1.3.1.0
DJI MG App:	v1.0.61
DJI Assistant 2:	v1.1.1

What 's New?

Aircraft Firmware:

- Added a safe mode which ensures normal spray when a spraying system sensor error occurs.
- Added error display for modules such as pressure sensor, flow meter, pump ESC, etc.
- Optimized hose bubbles adjustment.
- Optimized spraying system detection to reduce appearance of spraying with a single nozzle.

DJI MG App:

- Added task recording function. Go to Main Interface >  to view task records.
- Added flight time data. Go to Main Interface >  to view the data.
- Improved interaction experience.
- Improved error display.
- Fixed issue of abnormal aircraft activation.
- Fixed rare issue where incorrect break point has been recorded.

DJI AGRAS MG-1S Release Notes

Date:	2017.05.15
Aircraft Firmware:	v1.3.0.0
Remote Controller Firmware:	v1.3.0.0
DJI MG App:	v1.0.53
DJI Assistant 2:	v1.1.1

What's New?

Aircraft Firmware:

- Added minimum flight altitude protection for Manual Operation mode.
- Improved radar detection precision.

Remote Controller Firmware:

- Optimized remote controller performance.

DJI MG App:

- Added two automatic flight path adjustment modes for different terrain types.
- Optimized calculation of completed area.
- Improved user interface.
- Enhanced app stability.
- Fixed issue of No-Fly Zone prompts appearing abnormally.

Notes!

- Be sure to use the latest version of DJI Assistant 2 to update aircraft firmware.
- Ensure that the remote controller and aircraft have the latest firmware.
- When the Obstacle Avoidance Radar is not in use, disable it in  Aircraft Settings to avoid self-checking errors.



DJI AGRAS MG-1S Release Notes

Date:	2017.04.07
Aircraft Firmware:	v1.2.0.0
Remote Controller Firmware:	v1.2.0.0
DJI MG App:	v1.0.46
DJI Assistant 2:	v1.1.0-2

What's New?

Aircraft Firmware:

- Improved spraying stability.

Remote Controller Firmware:

- Optimized Android system performance.

DJI MG App:

- Improved app performance when using the flight simulator on a computer.
- Optimized maps outside of China.
- Optimized abnormal status display for some modules when using Data Protection functions.
- Updated prompt information.
- Added network signal strength display when using a USB stick.
- Fixed issue where network limitations occurred when using a USB stick with some remote controllers.
- Fixed rare issue where calibration completion information displayed repeatedly after calibration.
- Added support for email addresses containing underscores during registration.