

# EVO Max Series App & Firmware Release Notes

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Release Date	08/05/2024
App	2.1.119
Aircraft Firmware	1.8.2.237
RC Firmware	1.8.2.237

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## New Features

- Added A-Mesh Networking feature (Maximum: 2 aircraft ft + 2 controllers).
- Added support for the Loudspeaker and Spotlight Combo.
- Added Remote ID feature in China.
- Added Floating Ball options for the shortcut display.
- Added SkyAyAwareness (ADS-B In) feature.
- Added Fire and Smoke target options in the AI Recognition feature.
- Added Quick Mission feature.
- Added AES-256 encryption algorithm for image transmission.

## Bug Fixes and Optimizations

- Optimized polygon mission functionality by combining rectangle mission into polygon mission.
- Optimized no-fly zone functionality.
- Optimized compatibility with third-party KMZ files.
- Optimized obstacle avoidance and bypass performance.
- Optimized altitude information when installing the RTK.
- Fixed other known issues.

## Note

- This update includes significant changes with new features, bug fixes, and optimizations. It is strongly recommended to update before the next flight.
- **Versions V1.7 (Aircraft: V1.7.0.149 | RC: 1.6.0.138) or earlier and V1.8 (Aircraft: V1.8.2.237 | RC: 1.8.2.237) or later are incompatible.** In other words, if the aircraft

firmware is at V1.7 or earlier while the RC firmware is at V1.8 or later, or vice versa, the aircraft and the RC will not pair.

- The EVO Max firmware can be updated through OTA (Over-The-Air) or manual methods. Please see the resources section. However, if you encounter an update issue or the RC and Aircraft cannot pair, please contact our customer service at **+1 (844) 692 8835** or email us at **support@autelrobotics.com**.
- Only firmware versions V1.8 or above will support the **4T XE** gimbal.
- After updating to V1.8, please ensure that the Loudspeaker and Spotlight Combo are also updated to the latest firmware version to fully utilize all features. For the Loudspeaker and Spotlight Combo update instruction, please visit Autel Robotics official website and go to Downloads > Enterprise Products > EVO Max Series > Tool > Loudspeaker and Spotlight Combo.

### **OTA Update Tips**

1. Power on the remote controller and aircraft. Make sure that the aircraft and remote controller are well paired, both have a battery level of more than 50%, and the network connection of the remote controller is normal.
2. Open the Autel Enterprise App. If there is a version update available, you will receive a pop-up notification on the main interface of the App or you can manually select the update in the settings of the App.
3. Click "**Update All**", and the Autel Enterprise App will automatically download and update the firmware for the remote controller and aircraft.
4. After the update is complete, follow the pop-up instructions to restart the remote controller and aircraft.

### **Reminder**

- During the update, the aircraft firmware update progress may still show "**updating**" on the app. Please use the rear arm indicator lights as an update status reference. If they are solid green, it indicates that the aircraft has completed the update.
- During the update process, do not power off the aircraft and keep it connected to the RC.

- The update process takes about 25 minutes (depending on the network of RC).

#### **Resource**

- [Exploring EVO Max Series' New Features With V1.8](#)
- [Introducing A-Mesh Networking Technology with the EVO Max Series](#)

## Firmware Version Table

COMPONENT	EVO MAX SERIES
App	2.1.119
Aircraft	1.8.2.237
Camera	1.8.2.237
Image Transmission	1.8.2.237
Radar	6.5.5.1
Flight Control	1.8.0.19
ESC	1.5.0.13
RC	1.8.2.237
Image Transmission	1.8.2.237
Remote Control	6.0.4.6
Android System	1.8.2.237
Gimbal	1.4.0.63
Battery	0.4.29.1