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SPEKTRUM Sky Remote ID Module Frequently Asked Questions Instructions

**Spektrum Sky™ Remote
ID ModuleFrequently
Asked-Questions**

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Sky Remote ID Module Frequently Asked Questions

What is Remote ID?

Remote ID is the ability for an RC aircraft to provide identification and location information that can be received by other parties.

When do the FAA rules on Remote ID take effect?

RC pilots are required to comply after March 16th, 2024.

I only fly RC aircraft at AMA club fields, do I need a Remote ID module?

If you are flying at a designated FRIA (FAA-Recognized Identification Area), such as a club flying site, you do not need a Sky Remote Module, or any form of Remote ID. AMA-chartered RC clubs can apply for their flying site to be recognized by the FAA through AMA. Visualize it: See FAA UAS Data on a Map (arcgis.com) Also, the AMA Club Finder tool has a filter for FRIAs at www.modelaircraft.org/club-finder. You can search by city/state and check the box next to FRIA sites; only sites that are FRIA approved will be included in the search. The FAA's UAS Facility Map has also been updated to include FRIA sites across the country. On February 24th , 2024 the FAA granted AMA members the ability to operate without broadcasting remote ID information at AMA Sanctioned Events.

What is the Spektrum Sky Module?

Sky is Spektrum's Remote ID Module that allows RC aircraft pilots to comply with the latest unmanned aircraft rulings by the Federal Aviation Administration (FAA).

When do I need to use the Sky module?

When flying RC aircraft in areas not designated as FRIAs (FAA-Recognized Identification Area). For more information on FRIAs, please visit: https://www.faa.gov/uas/getting_started/remote_id/fria

Do I need to register my Sky module with the FAA?

Yes. Users will need to register their Sky module on the FAA DroneZone website. Visit https://faadronezone-access.faa.gov/#/ for more information and registration.

How do I use the Sky module?

The Sky module is very easy to use and install in most RC aircraft. Please follow the manual for complete installation instructions.

Do I need to purchase a Sky module for each RC aircraft that I own?

No, you can easily move a Sky module from one aircraft to another. Additionally, you don't need a remote ID module in your aircraft if you are flying in a FRIA or flying a model that weighs less than 250g.

How do I register my Sky Remote module?

The registration of Sky is completed through the FAA DroneZone website. After log-in into your account, launch the Drone Owners and Pilot Dashboard where you will add your Spektrum Sky device with the serial number found on the label on the side of the Sky device.

Is the Sky module only compatible with Spektrum receivers and electronics?

No, the Sky module will work with non-Spektrum radio equipment.

How large is the Sky module, and what does it weigh?

The Sky module is 1.376" (34.5mm) x 0.89" (22.5mm) x 0.71" (18mm) and weighs 0.49oz (14.0g)

What is included when I purchase the Sky module?

Everything needed to operate your Sky module is included. Here is a list of everything in the box: (1) Sky Module (SPMA9500) (1) 4-Pin ZH to 3-Pin Servo Connector (1) 4-Pin ZH to 4-Pin ZH Connector (1) 4-Pin ZH to 3-Pin ZH Connector (1) Hook and loop mounting pad

Does the Sky module need to be mounted in a specific location or orientation?

The Sky module can be mounted in any location or orientation in the aircraft. On most aircraft, accessibility through the battery or canopy hatch is an ideal placement. Use the included adhesive hook and loop or double-sided tape.

How do I connect the Sky module to my existing radio system?

They are multiple ways to connect Sky to your receiver. The options are: SRXL2 or XBus Telemetry Port Any open servo port operating at standard servo voltages. Please refer to the product manual for further details

What information does the Sky module broadcast, and who can see it?

Sky will transmits aircraft ground speed, altitude, position (latitude and longitude), heading, distance and time. Sky will also transmit a unique serial number which can be used to identify your aircraft and its location. Various remote ID apps are available for mobile which may be used to identify the broadcast signals from the device.

Do any Spektrum receivers include Remote ID capability?

None of the Spektrum receivers include Remote ID capability.

Does my Ready to Fly (RTF), Ready to Fly (RTF-Basic), or Bind-N-Fly (BNF) aircraft have Remote ID installed?

None of our E-flite, HobbyZone, Blade or Hangar 9 aircraft are provided with a Sky module or any other form of Remote ID. It is up to the user to comply with all laws for the operation of small Unmanned Aircraft Systems (sUAS).

Is there any extra cost to operate a Sky module?

No. You can operate the Sky module without any extra cost or hidden fees.

Where can I find more information about FAA Remote ID rule?

You can find more information about Remote ID on the FAA or AMA (Academy of Model Aeronautics) websites. https://www.faa.gov/uas/getting_started/remote_id

What are the power requirements for the Sky module?

3.3V – 9V

Is the Sky module weather-resistant?

No.

What is the operational range of the Sky module?

This will be dependent on operational conditions.

Is the Sky module compatible with all types of RC aircraft?

Yes, all it requires is power to operate.

What is the warranty period for the Sky module?

1-Year Limited warranty

Are software updates required for the Sky module, and how can they be performed?

The Sky module can be updated using the Spektrum USB Programmer and PC Programmer application. Similar to other Spektrum products, please visit SpektrumRC.com for more information on firmware updates.

What are the potential penalties for non-compliance with the FAA Remote ID regulations?

Non-compliance could lead to fines and other more severe legal penalties.

How does the Sky module impact the performance or flight characteristics of the RC aircraft?

Should not be noticed in any way during flight, on very light models it may have a small affect on performance due to the small added weight.

How much power will the Sky module consume?

Average current draw is 115mA, peak is 165mA.

Can you power Sky through the balance lead of your battery?

Yes, although you will need to provide an adapter. Make sure to follow the correct voltage before connecting to the battery.

Can you provide power through a separate battery?

Yes, you can power the Sky module through a separate battery that meets the voltage range of the Sky module of 3.3V to 9V. Keep in mind that additional adapters or connectors might be needed depending on what battery connector you are using.

Will Sky module provide the last known GPS location?

If you are receiving telemetry via a compatible Spektrum equipment, the transmitter will show the last known GPS coordinates.

Is Sky FAA Approved?

It is FAA Compliant.

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Documents / Resources

SPEKTRUM Sky Remote ID Module Frequently Asked Questions [pdf] Instructions
Sky Remote ID Module Frequently Asked Questions, Sky, Remote ID Module Frequently Asked
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