

RTK Module

Quick Start Guide

Version 1.0 **EN**

To Users

Dear user, thank you for choosing XAG products. For safety purposes and the best experience possible, XAG recommends reading through the Quick Start Guide and Disclaimer contained in this document before using the RTK Module.

Contact Us

If you have any questions about this document, please contact our Technical Support via email: info@xa.com

List of Items

Please carefully check whether the product contains all the items listed below and contact your dealer if there are any missing items.



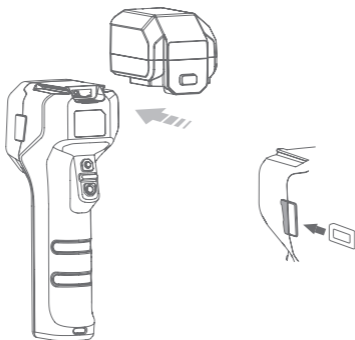
Differential Positioning Module

X 1

Assembly

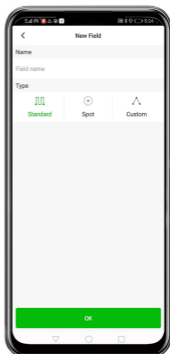
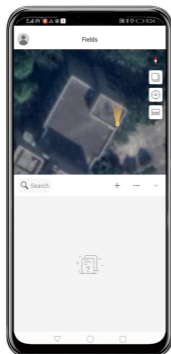
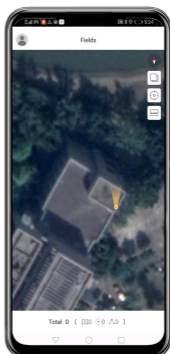
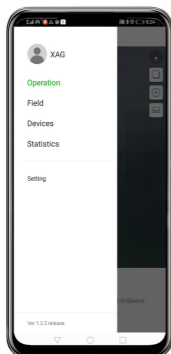
Insert the Differential positioning module onto the top of the ACS2 ControlStick until you hear "click", indicating the module has been installed correctly.


Insert SIM card into the ACS2 ControlStick to enable networking functions. After the networking function is enabled, the ACS2 ControlStick will automatically select the optimal cloud base station, providing differential signals for the differential positioning module into RTK state.

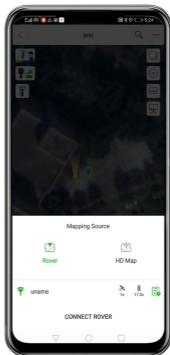
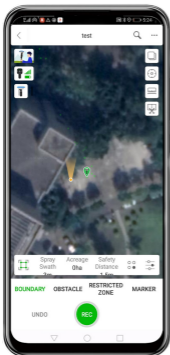



Operational Instructions

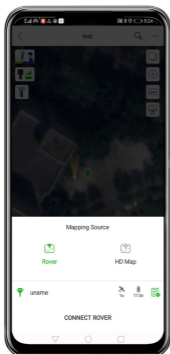
1. Select "Field" in the Menu located in the XAG AGRI APP and click "+" to create a new field with a name and specified type.



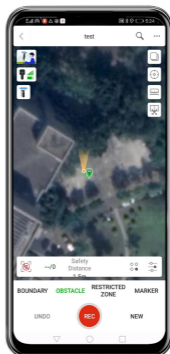
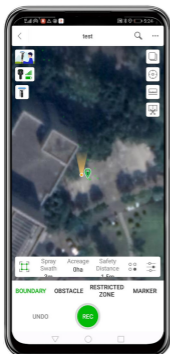
2. Click the  "Mode" icon in the upper left corner, then select the surveying method as "Rover" and select "ACS2" to connect the rover.

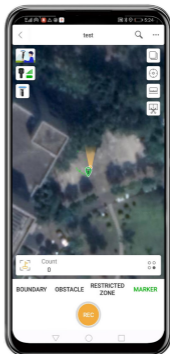
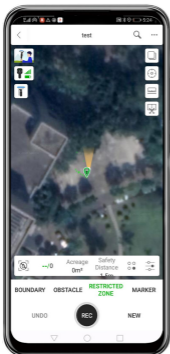


3. Click the  icon on the right to view the parameters of the rover, and then click "STATION" to select a station manually.




4. For a new field, there are four surveying functions available: Boundary, Obstacle, Restricted ZONE, and MARKER.





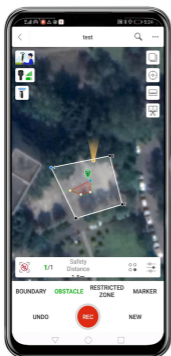
⚠ Note

ACS2 ControlStick with firmware version of ACS2_1.1.1.6 or above, it requires user to press and hold  to enter "Mapping Mode" to map via APP or remote controller.

The three function buttons in each mode (left figure below) correspond with the three buttons of the ACS2 ControlStick (right figure below).



The figure below shows a marked plot:



Disclaimer

01. Please read this document carefully before using this product. This Disclaimer has an important impact on the safe use of the product and your legitimate rights and interests. The use of the product shall be deemed as you having known, understood, acknowledged, and accepted all terms and contents of this document.
02. This product is not a toy and is not suitable for people under the age of 18 or those who have not obtained the UAV operator certificate recognized by XAG (or existing laws, regulations, and policies). Please keep this product out of reach of children, and be very careful when operating in the presence of children.
03. This product is a differential positioning module used for XAG's P Series Plant Protection UAS and XMission Surveying UAS. Please read the "Quick Start Guide" carefully before using the product. This guide provides you with safe and convenient plant protection services when followed correctly, with power supply and other safety use data showing normal.
04. The user agrees to use the product only for the purpose of which it is intended to be used and agrees to these terms and to any relevant policies or rules that may be established by XAG. Users know, understand, and accept that this product will automatically upload and save relevant flight records and data to XAG servers during use. In the event that the flight records and data fail to be uploaded and saved and XAG fails to analyze the flight records and data due to any reason of the user, XAG will not assume any responsibility.
05. To the maximum extent permitted by law, XAG does not under any circumstances provide any warranty, express or implied, with respect to the products, including but not limited to implied warranties of merchantability, fitness for a particular use, or non-infringement.
06. To the maximum extent permitted by law, XAG shall not be liable for all losses caused by users' failure to use the product in accordance with this document and the "Product Manual". XAG shall not be liable for any indirect, consequential, punitive, contingent, special, or penal damages, including any losses incurred as a result of your purchase, use, or inability to use the product (even if the possibility of such losses has been notified).
07. To the maximum extent permitted by law, the liability or amount of XAG under any circumstances to you for all damages, losses, and litigation arising therefrom will not exceed the amount paid to XAG by you for the purchase of the product.
08. In any case, the purchaser or user shall comply with relevant laws and regulations of the country and region where the product is used. XAG does not assume any liability arising from violation of relevant laws and regulations by the purchaser or user.
09. As laws in some countries may prohibit exemptions from liability clauses, your rights in different countries may vary. This does not mean that the contents of this Disclaimer are necessarily invalid.
10. To the extent permitted by law, XAG has the final right to interpret and modify the above terms. XAG has the right to update, modify, or terminate these terms through its official website, the "Product Manual/Quick Start Guide", online app and other means without prior notice.

Warning

Users are required to read the complete the “Quick Start Guide” and obtain UAS operator certificate recognized by XAG (or existing laws, regulations, and policies). Otherwise, it may cause serious injury to yourself or others, or cause product damage and property loss. Strong safety awareness is required to operate this product. This product is not suitable for children. Do not use parts that are not provided or recommended by XAG with this product. Please strictly follow XAG's instructions to install and use the product.

Certificate of Inspection

This product has passed inspection.

Visit our website for more information
www.xa.com/en

This Guide is subject to upgrade
without prior notice.



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