

# SKYRC ANGLE GAUGE

Instruction Manual (v1.0) SK - 500040

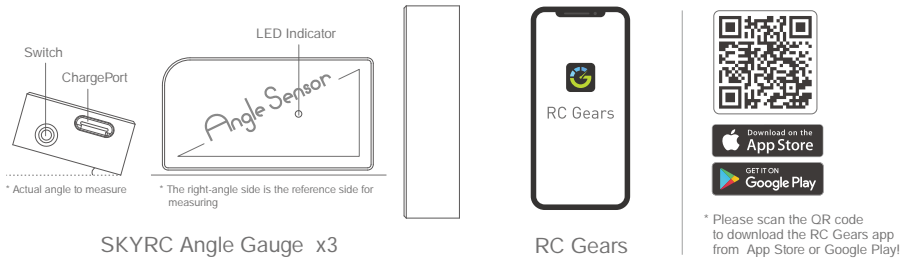
## Introduction

Congratulations on the purchase of SkyRC Angle Gauge!

The gauge consists of three sensing modules, which are wirelessly controlled through Bluetooth. It measures the surface angle and relative angle difference.

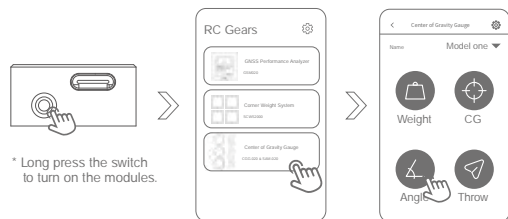
Download the RC Gears app to get started to measure the real-time measuring data.

## What is inside the box

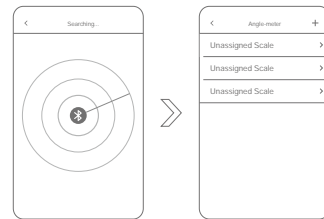


## Connecting

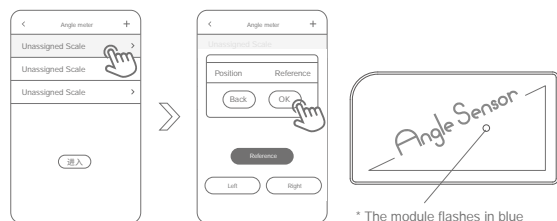
1. Long press to turn on. Enable the Bluetooth on your smartphone and open the APP.



2. Search to connect



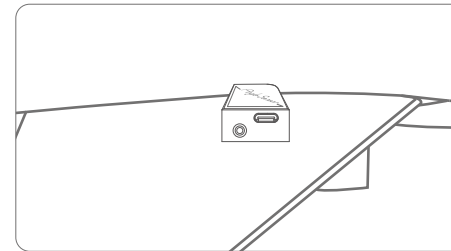
3. Set up the reference surface, left and right. The corresponding module flashes blue during the setting.



1. SKYRC Angle Gauge

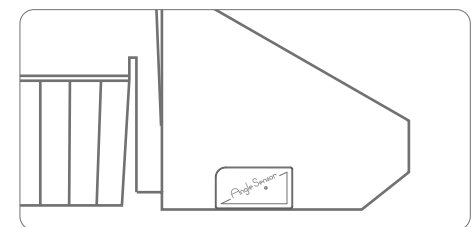
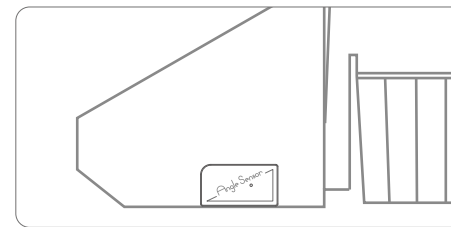
## Measuring Angles

1. Connect the modules.
2. Fix the reference module to the position where the surface of the model aircraft is referenced.



3. Fix the left and right modules on the rudder surface to measure.

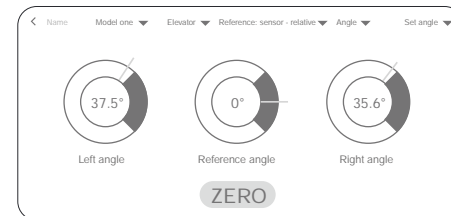
Note: The right-angle must face the outside of the rudder surface and be parallel to the edge of the rudder surface.



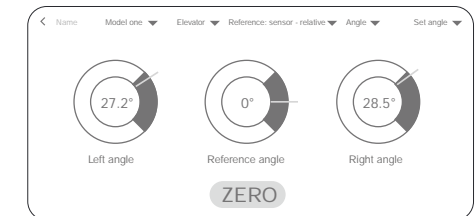
4. Set and input the angle in reference to the model aircraft manual.



5. Set the angle to the maximum with the remote control, and check whether the calibration range meets the requirements indicated in the manual.



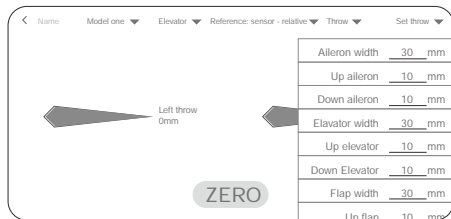
RED warns that the maximum adjustable angle of the corresponding wing is greater than the calibration range



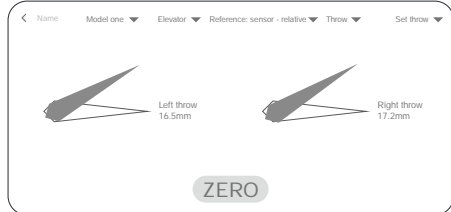
GREEN indicates that the maximum adjustable angle of the corresponding wing is within the calibration range

## Measure Throw

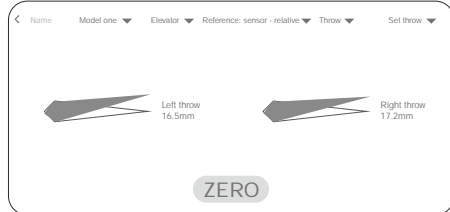
1. Connect the modules, and choose Throw to enter the page.
2. Fix the reference module to the position where the surface of the model aircraft is referenced
3. Fix the left and right modules on the rudder surface to measure.  
 Note: The right-angle must face the outside of the rudder surface and be parallel to the edge of the rudder surface.
4. Set the throw, measure the width of the rudder surface, and input the width and throw in reference to the model aircraft manual.



5. Set the throw, measure the width of the rudder surface, and input the width and throw in reference to the model aircraft manual.



RED warns that the maximum throw angle of the corresponding wing is greater than the calibration range



GREEN indicates that the maximum throw angle of the corresponding wing is within the calibration range

## LED Indicator

Constant Blue	App is connected and working
Flashing Blue	Standby, waiting to be connected

Flashing Red	Charging
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## Specifications

Working Voltage: 3.4-4.2V	Low-voltage Protection: <3.4V (Flashes Red)	Storage Temperature: -10°C-50°C
Working Current: <10mA	Interface: Type C	Storage Humidity: 1%-75% (No Condensation)
Input Voltage: 5V	Input Current: 200-300mA	Measuring Accuracy: ±2°
		Throw Angle: ±0.1mm
		Working Temperature: 0°C-40°C
		Working Humidity: 5%-90% (No Condensation)
		Size: 48.1*25.6*12.6mm
		Weight: ≈ 25g

## WARRANTY AND SERVICE

We guarantee this product to be free of manufacturing and assembly defects for a period of one year from the time of purchase. The warranty only applies to material or operational defects, which are present at the time of purchase. During that period, we will repair or replace free of service charge for products deemed defective due to those causes. This warranty is not valid for any damage or subsequent damage arising as a result of misuse, modification or as a result of failure to observe the procedures outlined in this manual.

Note:

1. The warranty service is valid in China only.
2. If you need warranty service overseas, please contact your dealer in the first instance, who is responsible for processing guarantee claims overseas. Due to high shipping cost, complicated custom clearance procedures to send back to China. Please understand SkyRC can't provide warranty service to overseas end user directly.
3. If you have any questions which are not mentioned in the manual, please feel free to send email to [info@skyrc.com](mailto:info@skyrc.com)

Manufactured by  
**SKYRC TECHNOLOGY CO., LTD.**  
[www.skyrc.com](http://www.skyrc.com)

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All specifications and figures are subject to change without notice.

7504-1490-01

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