



## **TAG One Sports Radar Owner's Manual**

**Template Draft V0.4**

**April 11, 2025**



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## 1. Introduction

Thank you for choosing the TAG One Sports Radar! This device is designed to measure the speed of moving objects with precision and ease. Please read this manual thoroughly to maximize your experience and keep it handy for future reference.

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## 2. Safety Information

- Always use the radar in accordance with local laws and regulations.
  - Avoid pointing the radar at people or animals.
  - Do not disassemble or modify the device.
  - Keep the device away from water, extreme heat, and direct sunlight.
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## 3. Product Overview

### Features

- Measures speeds up to 300 mph.
- Compact and lightweight design.
- Adjustable modes for [e.g., baseball, softball tennis, etc.].

### Package Contents

- Sports Radar Unit
- Bracket
- Lanyard
- magnetic induction ring
- Tripod (optional)
- User Manual
- Carrying Case

### Technical Specifications

- Speed Measurement Range: 5mph~300mph
  - Accuracy:  $\pm 1$  mph
  - Power Source: rechargeable lithium-ion battery
  - Operating Temperature:  $-10\sim 50^{\circ}$
  - Charing Temperature:  $0\sim 45^{\circ}$
  - Battery duration: 6 hours at room temperature.
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## 4. Getting Started

### Setting Up the Device

1. Mount the radar on a tripod or attach it to the metal object with its magnetic capability.
  2. Ensure the device is positioned in line with the trajectory of the object to be measured.
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## 5. Using Sports Radar

### Powering On/Off

- Press and hold the **Power** button for 2seconds] to turn the device on/off.

### Operating Instructions

After the radar device is turned on, users shall use TAG One APP to control and operate the radar, there is no UI (User Interface) on the radar device. For details, please refer to the TAG One APP instructions.

### Key Functions and Modes

- Baseball: Pitch and Hit speed measurement
  - Software: Pitch and Hit speed measurement
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## 6. Maintenance and Care

- Store the device in a cool, dry place.
  - Remove batteries when not in use for extended periods.
  - Avoid dropping or exposing the device to water.
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## 7. Troubleshooting

| Issue                     | Possible Cause          | Solution                        |
|---------------------------|-------------------------|---------------------------------|
| Device won't turn on      | Low battery or no power | Recharge batteries.             |
| Speed readings inaccurate | Misaligned radar        | Reposition and align correctly. |

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## 8. Warranty Information

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TAG One offers a 2-year limited warranty for this product. The warranty covers defects in materials and workmanship under normal use. Proof of purchase is required for warranty service.

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## 9. Customer Support

For questions, troubleshooting, or service requests, contact us at:

- **Website:** <https://ainstein.ai/>
  - **Email:** [info@tagsports.ai](mailto:info@tagsports.ai)
  - **Phone:** 785-424-7194
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## 10. Regulatory and Compliance Statements

This device is designed to comply with FCC/CE or other regulations. It must not cause harmful interference and must accept any interference received, including interference that may cause undesired operation.

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## FCC NOTICE

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This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver. —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. —Consult the dealer or an experienced radio/TV technician for help

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

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## ISED IMPORTANT NOTICE

### ISED AVIS IMPORTANT

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This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs/récepteurs sans licence qui sont conformes aux RSS sans licence d'Innovation, Sciences et Développement économique Canada. L'exploitation est soumise aux deux conditions suivantes :

1. Cet appareil ne doit pas causer d'interférences.
2. Cet appareil doit accepter toute interférence, y compris les interférences qui pourraient causer un fonctionnement indésirable de l'appareil.

#### ISED Radiation Exposure Statement:

This equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet appareil est

conforme aux limites d'exposition de rayonnement RF ISED établies pour un environnement non contrôlé.

Cet émetteur ne doit pas être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur.

Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et votre corps.

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