

Ousmile YS-LSTM-RED

Ousmile YS-LSTM-RED Wireless Laser Timer for Sprints and Track

USER MANUAL

1. Introduction

Thank you for choosing the Ousmile YS-LSTM-RED Wireless Laser Timer. This system is designed for accurate and reliable timing of sprints and other speed training activities. It features a wireless setup, bright LED display, and robust construction for both indoor and outdoor use. Please read this manual carefully to ensure proper operation and maintenance of your device.



The Ousmile Wireless Laser Timer system, showcasing its key features for optimal performance.

2. What's in the Box

Your Ousmile Wireless Laser Timer package includes the following components:

- Timer unit
- Laser unit

- Stand (x4)
- Reflector (x2)
- Accessories (clips, chargers, USB cables, antennas)

Video: Ousmile Laser Timer Unboxing. This video demonstrates the contents of the package and how each component is presented.

3. Setup Instructions

Follow these steps to set up your Ousmile Wireless Laser Timer:

1. **Attach Stands:** Securely attach the four stands to the timer unit and laser unit. Ensure they are stable.
2. **Install Antennas:** Screw the antennas into the designated ports on both the timer and laser units.
3. **Position Reflectors:** Attach the reflectors to the clips and position them opposite the laser unit to complete the laser beam circuit.
4. **Power On:** Turn on the power switch on both the timer and laser units. The LED display on the timer should illuminate.
5. **Placement:** Place the laser unit and its reflector at the starting line, and the timer unit and its reflector at the finish line. Ensure the laser beam is unobstructed and aligned with the reflector.

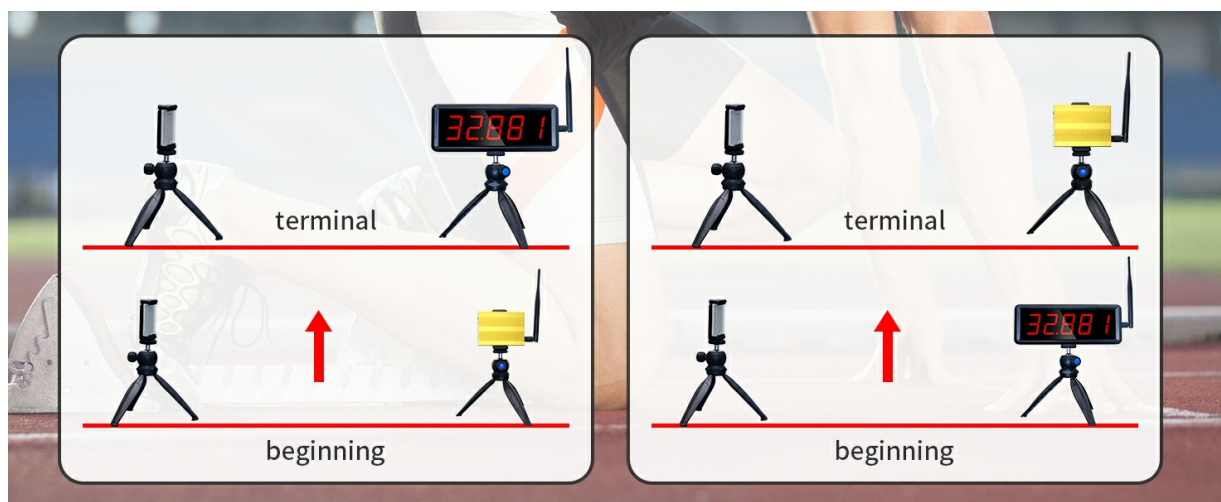


Diagram illustrating the correct placement of the timer and laser units for accurate measurement.

Video: Ousmile Laser Timer Installation. This video provides a visual guide on how to assemble and set up the laser timer system.

4. Operating Instructions

The Ousmile Wireless Laser Timer is designed for ease of use. Once set up, it operates automatically.

4.1. Starting a Sprint

- Ensure both the laser and timer units are powered on and properly aligned.
- The timer will display '0.000' or a previous time.
- When an athlete crosses the starting laser beam, the timer automatically begins.

4.2. Reading Results

- As the athlete crosses the finish line laser beam, the timer automatically stops.
- The elapsed time will be displayed clearly on the bright LED digital tube.

- The display is visible whether indoors or outdoors, day or night, with no strobe effect.



An athlete in motion, demonstrating the timer's use during a sprint on a track.



The clear and bright LED digital display, visible in various lighting conditions.

Video: Ousmile Operation of laser timer. This video demonstrates the timer in action, showing how it starts and stops automatically.

4.3. Key Features

- **Easy to Use:** Wireless operation, no power bank connection needed. Simply turn on the power switch.
- **Long Stand-by:** Up to 10 hours of battery life for extended training sessions.
- **Stable Signal:** Rejects interference from visible light, ensuring reliable performance even in direct sunlight.
- **Aluminum Suitcase:** Provides easy storage and portability for all accessories to various training grounds.



The Ousmile Wireless Laser Timer is suitable for a variety of speed training and sports activities.

5. Maintenance

To ensure the longevity and optimal performance of your Ousmile Wireless Laser Timer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the units. Avoid abrasive cleaners or solvents.
- **Storage:** Store the timer system in its aluminum suitcase in a cool, dry place when not in use.
- **Battery Care:** Fully charge the batteries before extended storage. Avoid completely draining the batteries frequently.
- **Laser Lens:** Keep the laser lens and reflector surfaces clean and free of dust or smudges to ensure accurate beam detection.

6. Troubleshooting

If you encounter issues with your Ousmile Wireless Laser Timer, refer to the following common problems and solutions:

- **Timer not turning on:** Ensure the battery is charged and the power switch is in the 'ON' position.
- **Inaccurate timing or no trigger:**
 - Check that the laser and reflector are perfectly aligned and unobstructed.
 - Ensure both units are powered on and within effective range.
 - Clean the laser lens and reflector surfaces.
- **Poor signal or interference:** Ensure antennas are securely attached. Avoid placing units near strong electromagnetic sources. The system is designed to reject visible light interference.
- **Display not clear:** Ensure the unit is clean. The LED digital tube is designed for clarity in various light conditions.

7. Specifications

Feature	Detail
Model Name	YS-LSTM-RED
Item Package Dimensions L x W x H	14.41 x 11.77 x 5.47 inches

Package Weight	3.06 Kilograms
Item Dimensions LxWxH	8.9 x 1.4 x 3.5 inches
Item Weight	6 Pounds
Brand Name	Ousmile
Warranty Description	1 year warranty
Color	red
Material	Aluminum
Suggested Users	unisex-adult
Manufacturer	Hangzhou YiZhi Sports Goods Co., Ltd.
Part Number	YS-LSTM-RED(New)
Style	low stand
Included Components	accessories, laser, reflector, stand, timer

8. Warranty and Support

The Ousmile Wireless Laser Timer comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. For warranty claims or technical support, please contact the manufacturer, Hangzhou YiZhi Sports Goods Co., Ltd., or your retailer.

Return Policy: Products are eligible for a refund or replacement within 30 days of purchase, subject to the retailer's return policy.