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## AIM Motorsports SOLO2

# AIM Solo 2 GPS Lap Timer User Manual

Brand: AIM Motorsports | Model: SOLO2

## 1. INTRODUCTION

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The AIM Solo 2 GPS Lap Timer is a highly precise and user-friendly device designed for motorsports enthusiasts. It utilizes advanced satellite technology to provide accurate lap times and performance data. The Solo 2 receives data from two satellite constellations, GPS and Glonass, ensuring lap times are calculated with exceptional precision, typically within a maximum gap not exceeding 2/100ths of a second. It comes pre-loaded with a database of over 2,000 tracks worldwide, making it ready for use at most racing venues. The device features a screen that can be backlit in one of seven available colors for optimal visibility.



The AIM Solo 2 GPS Lap Timer, a compact black device with a clear display, designed for precise performance tracking.

## 2. SETUP

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1. **Charging:** Ensure the device is fully charged before first use. Connect the provided USB cable to the device and a power source.
2. **Power On:** Press and hold the power button until the screen illuminates.
3. **Satellite Acquisition:** Place the device in an open area with a clear view of the sky to allow it to acquire GPS and Glonass satellite signals. This may take a few minutes for the initial acquisition.
4. **Mounting:** Securely mount the Solo 2 using a dashboard mount or other suitable mounting accessory, ensuring it has an unobstructed view of the sky.
5. **Track Selection:** The device will automatically detect your location and suggest nearby tracks from its internal database. Select the appropriate track for your session.

## 3. OPERATING INSTRUCTIONS

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1. **Starting a Session:** Once the track is selected and satellites are acquired, the device is ready to record.

Follow on-screen prompts or refer to the device's specific button functions to start a new lap timing session.

2. **During Session:** The screen will display real-time lap times, split times, and other performance metrics. The backlight color can be adjusted for better visibility in various lighting conditions.
3. **Ending a Session:** Conclude your session by following the device's instructions to stop recording.
4. **Reviewing Data:** Access recorded sessions through the device's menu to review lap times, compare performance, and analyze driving lines.

## 4. KEY FEATURES

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- **High Precision GPS:** Utilizes GPS and Glonass satellite constellations for extremely accurate lap time measurement (within 2/100ths of a second).
- **Extensive Track Database:** Pre-loaded with over 2,000 tracks globally, allowing for automatic track recognition.
- **Customizable Backlight:** The screen can be backlit in one of seven colors to suit driver preference and ambient light conditions.
- **Real-time Data Display:** Provides immediate feedback on lap times, split times, and other critical performance indicators during a session.
- **Data Logging:** Records session data for later review and analysis.

## 5. MAINTENANCE

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1. **Cleaning:** Use a soft, damp cloth to clean the device. Avoid abrasive cleaners or solvents.
2. **Storage:** Store the device in a cool, dry place when not in use.
3. **Battery Care:** For optimal battery life, avoid fully discharging the device frequently. Charge it regularly, especially if storing for extended periods.

## 6. TROUBLESHOOTING

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- **GPS Error:** If the device displays a 'GPSError', ensure it has a clear view of the sky and is not obstructed by metal objects or buildings. Allow sufficient time for satellite acquisition.
- **Short Battery Life:** Ensure the device is fully charged. If battery life remains short, consider reducing screen brightness or disabling unnecessary features.
- **Display Issues:** If the screen is unreadable, adjust the backlight color and brightness settings.
- **Device Not Responding:** Try performing a soft reset by holding down the power button for an extended period (e.g., 10-15 seconds) until the device restarts.

## 7. SPECIFICATIONS

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Attribute	Value
Item Weight	8 ounces
ASIN	B079X69JHH

Item Model Number	SG_B079X69JHH_US
Date First Available	February 19, 2018
Manufacturer	AIM Motorsports
Brand	AIM Motorsports
Model Name	SOLO2
Vehicle Service Type	Car
Screen Size	2 Inches
Special Feature	Bluetooth
Connectivity Technology	Bluetooth
Map Type	Track
Mounting Type	Dashboard Mount

## 8. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the official AIM Motorsports website or contact their customer service. Protection plans may be available for extended coverage.