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Knog KCW12-06

Knog Nerd 12 Function Bicycle Computer User Manual

Model: KCW12-06 | Brand: Knog

INTRODUCTION

The Knog Nerd 12 Function Bicycle Computer is a sophisticated digital cyclocomputer designed to provide essential cycling data with an intuitive, animated rolling display and touch screen functionality. Its robust, 100-percent waterproof design ensures reliability in various conditions. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Knog Nerd 12 Function Bicycle Computer.

Key features include:

- Animated rolling display with touch screen functionality for easy navigation.
- Silicon tool-less attachment for both the transmitter and the main unit, simplifying installation.
- Main unit head can be reoriented to attach to either the handlebar or stem.
- Fully waterproof construction for all-weather use.
- Displays data in both metric (km/h, km) and English (mph, miles) units.
- Features a backlight for improved visibility in low-light conditions.
- Multi-Bike-Selection allows saving speed sensor and total distance data for two different bicycles.

SETUP AND INSTALLATION

Proper installation is crucial for accurate readings and optimal performance. The Knog Nerd is designed for tool-less mounting.

1. Attaching the Main Unit

The main unit of the Knog Nerd can be attached to either your bicycle's handlebar or stem. The silicon strap allows for quick and secure tool-less attachment. Ensure the unit is firmly in place to prevent movement during rides. The unit can be reoriented to suit your preferred mounting location.



Image: The Knog Nerd 12 Function Bicycle Computer main unit, shown in blue. This unit displays all cycling data and attaches to the handlebar or stem.

2. Attaching the Speed Sensor

The speed sensor is also attached using a silicon tool-less mechanism. Mount the sensor securely to your bicycle's fork, ensuring it is aligned with the wheel magnet (not included, typically comes with the wheel). The sensor transmits speed data wirelessly to the main unit.

3. Initial Configuration

Upon first use or after battery replacement, you may need to configure basic settings such as wheel circumference, time format (12/24hr), and unit preference (metric/English). Refer to the quick start guide for specific button presses to access the setup menu. The unit features a small button on the back for initial settings.



Image: Various color options for the Knog Nerd 12 Function Bicycle Computer, illustrating the compact design of both the main unit and its sensor attachment.

OPERATING INSTRUCTIONS

The Knog Nerd 12 Function Bicycle Computer is operated primarily through its touch-sensitive display.

Navigating Modes

To cycle through different display modes and functions, gently press on the lower half of the display. The animated rolling display will transition between data screens. The unit features super large digits for easy readability.

Available Functions

The 12 functions include:

- **Speed Functions:** Actual Speed (km/h or mph), Average Speed (km/h or mph), Maximum Speed (km/h or mph). The display also provides a graphic representation of acceleration and braking.
- **Distance Functions:** Total Distance (Total Km/Miles), Trip Distance (Days Km/Miles).
- **Time Functions:** Current Time (12/24hr modes), Travel Time.
- **Additional Functions:** Backlight (for low-light conditions), Battery Level Indicator, 2-Bike Adjustable Program (allows storing data for two bikes).

Backlight Activation

The backlight function can be activated to improve visibility in dark conditions. Consult the device's specific instructions for backlight activation, typically a prolonged press or specific tap sequence on the display.

MAINTENANCE

To ensure the longevity and optimal performance of your Knog Nerd 12 Function Bicycle Computer, follow these maintenance guidelines:

- **Cleaning:** Wipe the unit clean with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the display or casing.
- **Water Resistance:** The unit is 100-percent waterproof, meaning it is designed to withstand rain and splashes. However, it is not intended for submersion. Do not intentionally submerge the unit in water.
- **Battery Replacement:** The unit is powered by a battery, and a battery level indicator is provided. When the battery is low, replace it promptly to ensure continuous operation. Refer to the product's specifications for the correct battery type.
- **Storage:** When not in use for extended periods, store the computer in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Knog Nerd 12 Function Bicycle Computer, try the following troubleshooting steps:

- **No Display/Unit Not Turning On:**

- Check the battery level indicator. If low, replace the battery.
- Ensure the battery is inserted correctly with the correct polarity.

- **Inaccurate Speed/Distance Readings:**

- Verify that the speed sensor is correctly aligned with the wheel magnet and securely attached to the fork.
- Check the wheel circumference setting in the unit's configuration menu. An incorrect setting will lead to inaccurate readings.
- Ensure there are no obstructions or strong electromagnetic interference near the sensor or main unit.

- **Display Not Responding to Touch:**

- Ensure the display surface is clean and free of dirt or moisture.
- Try a firm, deliberate press on the lower half of the display.
- If the issue persists, a battery removal and reinsertion (soft reset) might resolve it.

- **Intermittent Readings:**

- Check the distance between the sensor and the main unit. While wireless, excessive distance or obstacles can affect signal strength.
- Ensure the sensor battery is not low.

If these steps do not resolve the issue, please contact Knog customer support.

SPECIFICATIONS

Product Dimensions	11.43 x 8.89 x 5.08 cm
Item Weight	136 g
Model Number	KCW12-06
Brand	Knog
Colour	Blue (as per product listing, other colors may be available)
Functions	12 Functions (Speed, Distance, Time, Backlight, Battery Indicator, 2-Bike Memory)
Water Resistance	100-Percent Waterproof
Power Source	Battery (Included)
Sensor Type	Speed Sensor
Human Interface Input	Buttons (via touch display)
Included Components	Battery, Sensor
First Available Date	April 5, 2012

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Knog website or contact their customer service department directly. Warranty terms and conditions may vary by region and purchase date.

Official Knog Website: www.knog.com

