Ultrak 430

Ultrak 430 Pitch Counter & Stopwatch User Manual

Model: 430

INTRODUCTION

The Ultrak 430 is a versatile digital device designed for sports professionals and enthusiasts, combining a pitch counter, pitch speed timer, and a 2-memory stopwatch. This manual provides detailed instructions for its setup, operation, and maintenance.

- Tracks balls, strikes, total pitches, and strike percentage for two pitchers.
- Calculates pitch speed in MPH or KMPH.
- Features a 2-memory lap/split stopwatch for recording leg and pop times.
- Water resistant design with an auto shut-off feature.

PRODUCT OVERVIEW

Figure 1: Ultrak 430 Device Layout. This image displays the front of the Ultrak 430, highlighting its digital screen, the 'LAP RESET BALL' button on the left, the 'START STOP STRIKE' button on the right, and the 'C-RES Lap/Split' and 'MODE' buttons at the bottom. The 'A/B TEAM' indicator is at the top center.

Button Functions:

- **LAP RESET BALL:** In Pitch Counter mode, increments 'Balls'. In Stopwatch mode, records lap/split times and resets.
- **START STOP STRIKE:** In Pitch Counter mode, increments 'Strikes'. In Stopwatch mode, starts and stops the timer.
- **C-RES Lap/Split:** Clears current readings or resets the stopwatch.
- **MODE:** Toggles between Pitch Counter, Stopwatch, and Pitch Speed modes.

- **A/B TEAM:** Toggles between Pitcher A and Pitcher B in Pitch Counter mode.

SETUP

Battery Installation:

The Ultrak 430 is powered by a 2032 lithium battery. The battery compartment is located on the back of the device. Use a small screwdriver to open the compartment, insert the battery with the positive (+) side facing up, and secure the cover.

Initial Power On:

The device should power on automatically once the battery is installed. If not, press any button to activate the display. The device features an auto shut-off to conserve battery life.

OPERATING INSTRUCTIONS

1. Pitch Counter Mode:

This mode allows tracking of balls, strikes, total pitches, and strike percentage for two different pitchers.

1. Press the **MODE** button until "PITCH COUNTER" is indicated on the display.
2. To increment 'Balls', press the **LAP RESET BALL** button.
3. To increment 'Strikes', press the **START STOP STRIKE** button.
4. The display will show the current ball/strike count, total pitches, and strike percentage.
5. To toggle between Pitcher A and Pitcher B, press the **A/B TEAM** button.
6. To clear the current pitcher's count, press the **C-RES Lap/Split** button.

Figure 2: Pitch Counter Display. The image shows the Ultrak 430 displaying '37' for balls and '68%' for strike percentage, with a pitcher in mid-throw in the background.
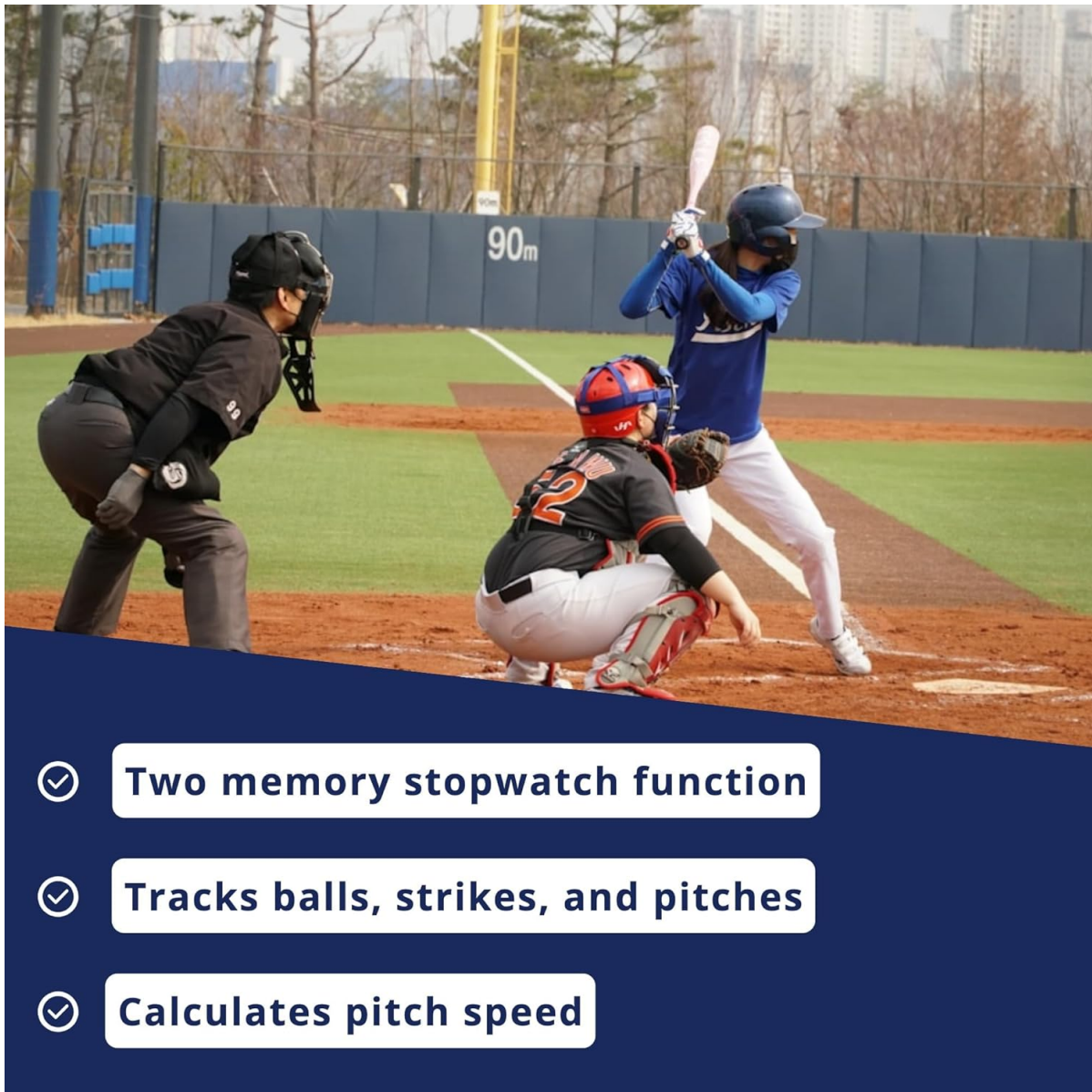
Figure 3: Tracking for Two Pitchers. This image illustrates the device's capability to track statistics for two separate pitchers, indicated by the 'A/B TEAM' function, alongside a baseball pitcher on the mound.

2. Pitch Speed Timer Mode:

This mode calculates the speed of a thrown ball, suitable for baseball, softball, Pony, and Little League.

1. Press the **MODE** button until "SPEED MODE" is indicated.
2. Follow the on-screen prompts or refer to the specific timing method for accurate speed measurement.
3. The display will show the calculated speed in MPH or KMPH.

Figure 4: Pitch Speed Measurement. The Ultrak 430 is shown displaying a pitch speed of '97.70 mile/h', demonstrating its speed tracking capability.

3. Stopwatch Mode:

The 2-memory stopwatch function allows for recording lap and split times, useful for various athletic activities.

1. Press the **MODE** button until "STOPWATCH" is indicated.
2. Press **START STOP STRIKE** to begin timing.
3. Press **LAP RESET BALL** to record a lap or split time. The display will momentarily show the recorded time.
4. Press **START STOP STRIKE** again to pause or stop the timer.
5. To recall stored memories, refer to the specific instructions for memory recall (usually involves pressing **C-RES Lap/Split** or **MODE** while stopped).
6. Press **C-RES Lap/Split** to reset the stopwatch to zero.

Figure 5: Stopwatch Function. The image shows the Ultrak 430 displaying a time of '0:03'14"', indicating its stopwatch capability, with a baseball player in the background.

MAINTENANCE

Battery Replacement:

When the display becomes dim or unresponsive, it's time to replace the 2032 lithium battery. Follow the battery installation steps outlined in the "Setup" section.

Cleaning:

Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the device is dry before storage.

Water Resistance:

The Ultrak 430 is water resistant. While it can withstand splashes and light rain, it is not designed for submersion. Avoid exposing the device to excessive moisture or extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Low or dead battery.	Replace the 2032 lithium battery.
Buttons are unresponsive.	Device frozen or low battery.	Remove and reinsert the battery to reset. If issue persists, replace battery.
Inaccurate pitch speed readings.	Incorrect timing method or environmental factors.	Ensure proper timing technique as per sports guidelines. Avoid strong electromagnetic interference.

SPECIFICATIONS

- **Model Name:** Ultrak 430
- **Part Number:** 430
- **Dimensions (L x W x H):** 7 x 4 x 1 inches (Item Package)
- **Weight:** 0.3 Pounds (Package)
- **Material:** Plastic
- **Color:** Black
- **Power Source:** 2032 Lithium Battery
- **Features:** Pitch Counter (2 pitchers), Pitch Speed Timer, 2-Memory Stopwatch, Water Resistant, Auto Shut-off
- **Included Components:** Lanyard

WARRANTY AND SUPPORT
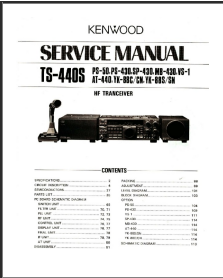
Warranty Information:

The Ultrak 430 comes with a five-year manufacturer warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Ultrak customer support through their official website or the retailer where the product was purchased. Provide your model number and a detailed description of the issue when seeking support.

For more information, visit: www.ultrak.com

Related Documents - 430

[Kenwood TS-440S/PS-50/PS-430/SP-430/MB-430/VS-1/AT-440/YK-88C/CN/YK-88S/SN HF Transceiver Service Manual](#)
Comprehensive service manual for the Kenwood TS-440S HF transceiver and its associated accessories, including power supplies, speakers, and antenna tuners. This manual details specifications, circuit descriptions, parts lists, and adjustment procedures.

	[Secure Care 430 KHz Adult Transmitter User Guide](#) User guide for the Secure Care 430 KHz Adult Transmitter, detailing installation, operation, maintenance, troubleshooting, and warranty information for facility use.
	[Gigabyte GA-M51GM-S2G AMD Socket AM2 Motherboard User Manual](#) Comprehensive user manual for the Gigabyte GA-M51GM-S2G motherboard, detailing hardware installation, feature overviews, connector descriptions, and system setup for AMD Socket AM2 processors.
	[StarBright Plug n' Play LED Swivel Installation and Maintenance Guide](#) Detailed instructions for installing, cleaning, and troubleshooting the StarDental StarBright Plug n' Play LED Swivel. Includes part numbers, warranty information, and usage guidelines for dental professionals.
	[Casio Watch User Manual - Models 3353, 3354, 5053](#) Comprehensive user manual for Casio watches with module numbers 3353, 3354, and 5053, covering general precautions, water resistance, operating modes (current time, world time, alarm, stopwatch, analog time), power source and charging, power saving mode, and technical specifications.
	[ZIPFORCE LUNA PRO ZF-430 True Wireless Earbuds Quick Guide](#) A quick guide for the ZIPFORCE LUNA PRO ZF-430 True Wireless Earbuds, detailing product introduction, components, and FCC ID information.