

# USER MANUAL

## EXTECH®

### Stopwatch/Clock with Backlit Display

### Model STW515

#### Introduction

Thank you for selecting the Extech STW515 Water Resistant Stopwatch with Split Time, Alarm, and Clock features. Careful use of this stopwatch will provide years of reliable service.

#### Quick Start

##### Light Button

Short press to turn the backlight ON for 5 seconds.

##### Mode Button

Short press the MODE button to step through the 4 modes: Normal Time, Stopwatch, Alarm set, Time set.

##### Start / Stop Button

In Normal time mode, long press to show date.

In Stopwatch mode, short press to start or stop counting.

In Alarm or Time setting mode, short press to increment the time value (long press to scroll quickly). Short press the Split / Reset button to toggle minutes/seconds.

##### Split / Reset Button

In Normal time mode, long press to show the alarm time.

In Stopwatch mode, short press to reset the value or to show split time.

In Alarm mode, short press to switch between hour and minute setting.

In Time set mode, short press to step through the date and time settings.

#### Operation

##### MODE SELECTION

Short press the MODE button to step through the 4 modes:

Normal Time, Stopwatch, Alarm set, and Time set

##### NORMAL TIME MODE

1. In Normal Time the Hours/Minutes/Seconds and Weekday is displayed.
2. Long press the SPLIT/RESET button to view the Alarm Time.
3. Long press START/STOP to view the month and day.
4. To turn the Alarm ON or OFF, press the START/STOP button while holding down the SPLIT/RESET button (the bell icon appears on the right when the Alarm is turned ON).

##### STOP WATCH MODE

(To access, press the MODE button once from Normal Mode)

When the Stopwatch Mode is first accessed, the SU-FR-SA icons will flash.

##### A. Elapsed Timer

1. Press Start/Stop to Start (SU-SA icons flash)
2. Press Start/Stop to Stop (SU-FR-SA icons flash)
3. Press Start/Stop Restart
4. Press Start/Stop to Stop
5. Press Split/Reset to reset the display
6. Press MODE to return to Normal Mode

##### B. Split Time

1. Press Start/Stop to Start (SU-SA icons flash)
2. Press Split/Reset to Split (SU-TH-SA icons flash)
3. Press Split/Reset to release Split (SU-SA icons flash)
4. Press Start/Stop to Stop (SU-FR-SA icons flash)
5. Press Split/Reset to reset the display.
6. Press MODE to return to Normal Mode.

##### C. Two-Competitor Timer

1. Press Start/Stop to Start (SU-SA icons flash)
2. Press Split/Reset to Split (SU-TH-SA icons flash)
3. Press Start/Stop to Stop (SU-TH-FR-SA icons flash)
4. Press Split/Reset to release Split (SU-FR-SA icons flash)
5. Press Split/Reset to reset the display
6. Press MODE to return to Normal Mode



#### ALARM SET

(To access, press MODE twice from the Normal Mode).

1. The hour digits and MO icon will flash.
2. Short press STOP/START to advance the hour (long press to scroll quickly). This step also activates the alarm and displays the alarm icon.
3. Press SPLIT/RESET to select minutes.
4. Press STOP/START to advance the minutes (long press for fast scroll).
5. Press MODE to save alarm setting and to return to the time display.
6. To enable the Alarm, follow step 4 in the Normal Time Mode section. Note that the Alarm time setting will reflect the AM, PM, or H mode programmed in the SETTING DATE AND TIME section.

#### ALARM SNOOZE and ALARM SILENCE

When the alarm sounds, press START/STOP.

A 5-minute snooze period will begin. To silence the alarm without snooze, press SPLIT/RESET after the alarm sounds.

#### HOURLY CHIME

(Stopwatch beeps once every hour on the hour)

To set the Hour Chime ON, press and hold SPLIT/RESET then short press MODE (while continuing to hold SPLIT/RESET) until the days of the week appear. To turn the Chime OFF short press MODE (while continuing to hold the SPLIT/RESET button) until the days of the week switch OFF.

#### SETTING DATE AND TIME

(To access, press MODE button 3 times from Normal Mode)

Short press SPLIT/RESET to step through the settings.

(SS/MM/HH/Day/Month/Weekday). The flashing digit is the digit that is ready to be edited.

Short press the START/STOP button to advance the flashing digit; long press to quickly scroll. The hour digits will scroll through A (for AM), P (for PM) and H (for 24 hour clock). Press MODE to return to normal operation.

#### Battery Replacement

This Stopwatch uses a CR2032 button battery. Remove the six (6) Phillips head screws on the rear of the watch to open and access the battery. It is recommended that a qualified technician replace the battery. Battery life is typically one year.

**Please dispose of batteries and main unit responsibly and in accordance with applicable regulations.**

#### Specifications

Operating Temperature	23°F to 122°F (-5°C to 50°C)
Operating Humidity	10% to 90%
Power	CR2032 x 1
Dimensions	2.6 (w) x 3.0 (h) x 0.7 (d) in. (66.5 (w) x 77 (h) x 19 (d) mm)
Weight	2 oz. (56 g)

#### Two-year Warranty

**Teledyne FLIR warrants this Extech brand instrument to be free of defects in parts and workmanship for two years from date of shipment. To view the full warranty text please visit:**

<https://www.flir.com/support-center/warranty/instruments/extech-product-warranty/>

#### Customer Support

Local Telephone List: <https://support.flir.com/contact>

Technical Support Site: <https://support.flir.com>

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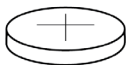
[www.extech.com](http://www.extech.com)



**WARNING** : Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

## **WARNING**

- **INGESTION HAZARD** : This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns in as little as 2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



### **WARNING**

- a) Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- b) Even used batteries may cause severe injury or death.
- c) Call a local poison control center for treatment information.
- d) The compatible battery type: CR2032.
- e) The nominal battery voltage: 3.0 V DC.
- f) Non-rechargeable batteries are not to be recharged.
- g) Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- h) Ensure the batteries are installed correctly according to polarity (+ and -).
- i) Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- j) Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- k) Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.