# TIDE 3.0

**Model FS80960**
**Model FS80961**
**Model FS80962**

## FEATURES:

- Tide data for 75 beaches worldwide
- 180 minute offset
- Displays present and future tide data
- 9 programmable favorite locations
- Optional big time with shark fin animation
- 100 meters H20

## CONTROL BUTTONS

S1: Start Button
S2: Stop/Reset Button
S3: Mode Button
S4: Set Button
S5: Light Button




## DISPLAY MODE

The watch has six display modes: NORMAL TIME, TIDE, CHRONO, TIMER, HEAT TIMER and ALARM.

To change from one display mode to another, press S3 button once

**NOTE:** In any setting mode, if there is no manipulation for about 120 seconds, the watch will automatically exit the setting procedure.

## TO SET THE TIME AND CALENDAR

1. Press S3 button to select NORMAL TIME mode.
2. Press and hold S4 button for two seconds until the ìSETî message appears and the Time Zone blinks on the display.
3. Press S1 button or S2 button to toggle between Time Zone 1 and Time Zone 2.
4. Press S3 button once, the Hour digits (including AM/PM for 12-hour format) will blink.
5. Press S1 button to increase the digits by one unit, or press S2 button to decrease the digits by one unit. Holding down either button will speed up the process.
6. Press S3 button once, the Minute digits will blink.
7. Press S1 button or S2 button to set the Minute digits.
8. Press S3 button once, the Second digits will blink.9. Press either S1 button or S2 button to set the Second digits to zero.
10. Press S3 button once, the Month digits will blink.
11. Press S1 button or S2 button to set the Month digits.
12. Press S3 button once, the Date digits will blink.
13. Press S1 button or S2 button to set the Date digits.
14. Press S3 button once, the Year digits will blink.
15. Press S1 button or S2 button to set the Year digits.
16. Press S3 button once, the Time Format will blink.
17. Press S1 button or S2 button to toggle between 12-hour and 24-hour Time Format.
18. Press S3 button once, the Date Format will blink.
19. Press S1 button or S2 button to cycle among MM-DD-YY (month-date-year), DD-MM-YY (date-month-year) and YY-MM-DD (year-month-date) to set the Date Format.
20. Press S3 button once, the Day (of the week) Language will blink.
21. Press S1 button or S2 button to cycle among English, French, Portuguese and Spanish to set the Day Language.
22. Press S3 button once, the Hourly Chime status will blink.
23. Press S1 button or S2 button to toggle between ON and OFF of Hourly Chime.
24. Press S3 button once, the Button Beep status will blink.
25. Press S1 button or S2 button to toggle between ON and OFF of Button Beep.
26. Press S3 button once, the Big Time Option status will blink.
27. Press S1 button or S2 button to toggle between ON and OFF of Big Time Option.
28. Press S3 button once, the Tide Height unit will blink.
29. Press S1 button or S2 button to toggle between feet and meters for Tide Height unit.
30. After finished making all the settings, press S4 button to confirm the settings.

**NOTE:** The date is displayed in the current Date Format, but the setting sequence shall always be month, date, and then year, regardless of the Date Format chosen.

**NOTE:** The available days of the month shall be determined by the month setting. If February is set, the available days of the month shall be 1 to 29. If February 29 is set for a year that is not a leap year, the date shall be corrected to February 28 upon exit from the setting procedure.

**NOTE:** For Big Time Option, if OFF is selected, only date/time and tide/time formats will be available in NORMAL TIME mode; if ON is selected, the Big Time display format shall also be available in NORMAL TIME mode

**NOTE:** The Time Format and Date Format settings apply only to the selected Time Zone; while the settings of Day Language, Hourly Chime, Button Beep, Big Time Option and Tide Height unit apply to both Time Zones.

## DIFFERENT DISPLAY FORMATS IN NORMAL TIME MODE

There are three display formats in each Time Zone in NORMAL TIME mode: date/time, tide/time and big time.

To change from one Time Zone to another, press S2 button once.

To change from one display format to another, press S1 button once.

In date/time display format, the primary time day and date are shown in the top of the display; the time in hours, minutes and seconds is shown in the bottom of the display. The data is shown in the Date and Time Formats of the displayed Time Zone, which are set in this mode along with the date and time.

If there is previous and upcoming tide data, the left-hand part of the display shows the tide status for the currently selected tide location. Otherwise, no graphic is displayed.

In tide/time display format, the display is identical to the date/time format except that the next tide (high or low) for the currently selected tide location, the time of the next tide, and its height are shown in place of the day and the date. The tide time is shown in the same format as the primary time. The Tide Height is shown in the current Tide Height unit selected.

If no previous or upcoming tide data is available, this format shall be unavailable and the format shall revert to date/time.

In big time display format, only the hours and minutes of the primary time are shown, no AM/PM indication.

A shark fin animation shall occur once per minutes. For even minutes, the fin shall move from left to right one dot column at a time, and for odd minutes, the fin shall move from right to left.

The big time display format is included only if the Big Time Option is on.

**NOTE:** The current tide level and direction (rising or falling) shall be presented by a tide status graphic, which is represented by an arrow head two dots high and three dots wide. The steps shall appear as follows:




In displays 1 through 10, the tide is rising; while in display s 11 through 20, the tide is falling. When the time of day advances to the minute after the time of high tide, display 11 is shown; when the time of day advances to the minute after the time of low tide, the sequence repeats beginning with display 1.

## TO USE TIDE DATA

For displaying tide information of current time and location,

1. Press S3 button to select TIDE mode. The favorite number and the name of current tide location will appear.
2. After two seconds, the next upcoming tide (high or low), base on the primary time, for the current tide location will be displayed. The date will be displayed in the top line, the next tide will be displayed in the middle line followed by the time of that tide (with a superscript A/P representing AM/PM in 12-hour format), and the height of the next tide will be displayed in the bottom line (including minus sign if necessary).
3. Press S1 or S2 button to display the previous and next tide respectively.
4. Press and hold S1 button or S2 button until the "SCAN" message appears to initiate date scanning in the forward or backward direction respectively.
5. Release either button when the desired date is displayed.
6. After abandoning the date scanning procedure, while the "SCAN" message is still displayed, press S1 button or S2 button to move forward or backward respectively the displayed date by one day. Press and hold the corresponding buttons to re-initiate date scanning.

**NOTE:** If no previous or upcoming tide data is available, the sentence "NO TIDE DATA FOR DATE" will be displayed.

**NOTE:** The date, time and tide height unit will be displayed in the formats of the primary time set in NORMAL TIME mode.

**NOTE:** If the displayed time represents DST (daylight savings time), which means that the time was adjusted from the stored tide data, the DST flag will appear.

**NOTE:** Scanning shall stop automatically if the last date for which there is tide data is reached.

For setting tide location,

1. Press S3 button to select TIDE mode. The favorite number and the name of current tide location will appear.
2. Press S4 button, the "SET" message appears and the FAV (favorite) number blinks on the display. The default favorite number is the one for the current location.
3. Press S1 button or S2 button to move forward or backward respectively the favorite number and therefore the corresponding location name to be selected.
4. Press S3 button, the geographical REGION will blink.
5. Press S1 button or S2 button to move forward or backward respectively the REGION to be selected.
6. Press S3 button, the geographical LOCATION will blink.
7. Press S1 button or S2 button to move forward or backward respectively the LOCATION to be selected.
8. Press S3 button, the DST (daylight savings time) status will blink.
9. Press S1 button or S2 button to move forward or backward respectively the DST status to be selected. If AUTO is selected, the watch shall determine when the location is on DST; if OFF or ON is selected, the DST status is forced to the selected status all the time. Please note that the current DST status is shown with the DST flag.
10. Press S3 button, the time offset (in the unit of minutes) to the tide data for the selected location will blink.
11. Press S1 button or S2 button to increase or decrease respectively the time offset. The offset has no impact on the DST status.
12. If 0 is selected for the offset, the above step is the end of the setting sequence. Otherwise, the sequence continues with the setting of 16-character custom location name, in which pressing S1 button or S2 button can cycle forward or backward respectively the characters to be selected, and pressing S3 button can proceed to the next character to be set.
13. After finished making all the settings, press S4 button to confirm the settings.

## TO USE THE CHRONOGRAPH

For the measurement of elapsed time,

1. Press S3 button to select CHRONOGRAPH mode.
2. Press S1 button to start counting.
3. To stop counting, press S2 button. Press S1 button to resume from where it left off.
4. To reset to zero, press S2 button once to stop counting and then press S2 button again.

**NOTE:** For the first hour, the CHRONO time is displayed in the MM.SS hh (minutes.second hundredths) format. After one hour, the CHRONO time is displayed in HH:MM SS (hours:minutes.seconds) format.

**NOTE:** The CHRONO can count up to a maximum time of 99:59.59 (99hours:59minutes.59seconds).

## TO SET THE TIMER

1. Press S3 button to select TIMER mode.
2. Press S4 button, the "SET" message appears and the Hour digits blink on the display.
3. Press S1 button to increase the digits by one unit, or press S2 button to decrease the digits by one unit. Holding down either button will speed up the process.
4. Press S3 button once, the Minute digits will blink on the display.
5. Press S1 button or S2 button to set the Minute digits.
6. Press S3 button once, the Second digits will blink on the display.
7. Press S1 button or S2 button to set the Second digits.
8. Press S3 button once, the action to be taken at the end of a countdown will blink.
9. Press S1 button or S2 button to toggle between STOP and REPEAT. If STOP is selected, the TIMER stops; if REPEAT is selected, the TIMER repasts its countdown indefinitely.
10. After finished making all the settings, press S4 button to confirm the settings.

**NOTE:** The TIMER can count up to a maximum time of 23:59.99 (23hours:59minutes.59seconds).

## TO USE THE TIMER

1. Press S3 button to select TIMER mode.
2. Press S1 button to start a countdown.
3. To stop counting, press S2 button once. Press S1 button to resume from where it left off.
4. To reset the TIMER, press S2 button once to stop counting and then press S2 button again.
5. Upon completion of a countdown, if STOP is selected as the action to be taken, the TIMER stops at zero

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,a tune will be emitted and the backlight will flash; if REPEAT is selected, the TIMER repeats its countdown with the rep number updated. If the TIMER reset time is less than 30 seconds, a beep will be emitted. Otherwise, a tune will be emitted and the backlight will flash.

## TO SET THE HEAT TIMER

1. Press S3 button to select HEAT TIMER mode.
2. Press S4 button, the "SET" message appears and the Minute digits blink on the display.
3. Press S1 button to increase the digits by five units, or press S2 button to decrease the digits by five units. Holding down either button will speed up the process.
4. After finished making all the settings, press S4 button to confirm the settings.

**NOTE:** The HEAT TIMER can count up to a maximum time of 35.00 (35minutes).

## TO USE THE HEAT TIMER

1. Press S3 button to select HEAT TIMER mode.
2. Press S1 button to start a countdown.
3. To stop counting, press S2 button once. Press S1 button to resume from where it left off.
4. To reset the HEAT TIMER, press S2 button once to stop counting and then press S2 button again.
5. Upon completion of a countdown, a tune will be emitted and the backlight will flash.

**NOTE:** The HEAT TIMER is independent of the TIMER. Both may be running at the same time.

## TO SET THE ALARM TIME

1. Press S3 button to select ALARM mode.
2. Press S4 button, the "SET" message appears and the alarm entry to set blinks on the display.
3. Press S1 button or S2 button to toggle between ALARM 1 and ALARM 2.
4. Press S3 button, the Hour digits (including AM/PM for 12-hour format) will blink.
5. Press S1 button to increase the digits by one unit, or press S2 button to decrease the digits by one unit. Holding down either button will speed up the process.
5. Press S3 button, the Minute digits will blink.
6. Press S1 button or S2 button to set the Minute digits.
7. Press S3 button, the alarm frequency will blink.
8. Press S1 button or S2 button to cycle forward or backward respectively the alarm frequency to be selected (DAILY, WEKDAYS, WEEKENDS, day of the week and WKLY).
9. After finished making all the settings, press S4 button to confirm the settings.

**NOTE:** The ALARM TIME displayed is in the same Time Format as the primary time.

**NOTE:** A tune will go off and the backlight will flash for 20 seconds at the designated time when the ALARM is activated.

## WHEN AN ALARM OR HOURLY CHIME GOES OFF

A tune will go off by the hour if the Hourly Chime function is activated and the same will happen at the designated time when the ALARM is activated. To stop the tune, press any button.

## TO USE THE BACKLIGHT

Press S5 button to turn on the backlight for three seconds.

## FOLLOW THESE 8 TIPS TO GET THE MOST OUT OF YOUR NEW WATCH!

1. Never Pull out the crown or operate the pushers/buttons under water.
2. Make sure your crown is returned to the original position before you expose your watch to water.
3. If your watch is exposed to saltwater it is very important to wash it thoroughly under tap water and wipe dry with a soft cloth. Keep it clean!
4. Sever impacts or drops may affect your watches water resistance and performance.
5. Avoid exposing your Freestyle watch to extreme temperatures such as in a hot shower, Jacuzzi, sauna or hot tub. The combination of extreme heat and water may cause your watch to lose some of its water resistance.
6. Avoid exposing your watch to chemicals, soaps or solvents as they deteriorate the water resist seals in your watch.
7. Never try to remove the caseback, leave this to a certified watch repair technician or Freestyle service center. This will help in preventing water leakage from improper battery replacement.
8. It is advisable to have your watch pressure tested annually and to re-furbish your watch every 2-3 years to extend the life of the watch.

## LIMITED LIFETIME WARRANTY

Freestyle U.S.A. warrants, to the original purchaser, that its watches are free from defects in materials and workmanship for the lifetime of the watch (under normal use) from date of original purchase. The following are not covered under warranty: battery, strap/bracelet/ band and crystal.

Accidental breakage or damage due to normal wear or misuse of the product, including but not limited to the mathematical accuracy of the product, is not covered under this warranty. Some states do not allow limitations on how long an implied warranty lasts, or the exclusions of or limitations on consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

Under this warranty FREESTYLE will make any necessary repairs, if applicable, at no cost to you the consumer. Any repair needed that is not under warranty will be at the cost of you the consumer. Proof of purchase and / or original receipt it needed to validate your warranty.

Your warranty is voided by any servicing out by a non-authorized agent. Any other form of guarantee to you by the retailer is his / her responsibility. This warranty applies to watches purchased in the United States. For watches purchased outside the United States, please contact you authorized FREESTYLE dealer for warranty information.

Should the warranty on your watch no longer be valid or found to be voided, please see the enclosed mailing form (on this page or flipside) for replacement costs per item. Please do not include any special watchband or any other items of personal value in your shipment. Allow 30 days for processing and the return of your serviced watch.

visit our site
**www.freestyleusa.com**

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## WEST CST USA

| | | |
|---|---|---|
| Huntingt | CA | Huntington Beach, CA |
| Trestles | CA | Trestles, San Clemente, California |
| Oceansd | CA | Oceanside, California |
| La Jolla | CA | La Jolla, California |
| Humboldt | Bay, CA | Humboldt Bay, California |
| Ocean B. | CA | Ocean Beach, outer coast |
| Mvricks | CA | Mavericks, California |
| St. Cruz | CA | Santa Cruz, California |
| Morro B. | CA | Morro Bay, California |
| Pismo B. | CA | Pismo Beach, California |
| Gaviota | CA | Gaviota, California |
| Rincon | CA | Rincon, California |
| Ventura | CA | Ventura, California |
| Malibu | CA | Malibu, California |
| SouthBay | CA | South Bay Beaches, California |
| Anchorag | Alaska | Anchorage, Alaska |
| Elliot B | Seattle | Seattle, Washington |
| Seaside | Oregon | Seaside, Oregon |
| Newport | Oregon | Newport, Oregon |

## EAST CST USA

| | | |
|---|---|---|
| Sebastn | Inlet FL | Sebastian Inlet, Florida |
| N. Miami | Bch, FL | North Miami Beach, Florida |
| St. Aug | Florida | St. Augustine Beach, Florida |
| Hamptn H | NH | Hampton Harbor, New Hampshire |
| Nauset H | Cape Cod | Nauset Harbor, Cape Cod, Massachusetts |
| Montauk | Ll, NY | Montauk Point, Long Island Sound, New York |
| Manasqn | NJ | Manasquan Inlet, USCG Station, New Jersey |
| Atlantic | City, NJ | Atlantic City (Steel Pier), New Jersey |
| Ocean Ct | Maryland | Ocean City (fishing pier), Maryland |
| Rehoboth | Delaware | Rehoboth Beach, Delaware |
| Virginia | Bch, VA | Virginia Beach, Virginia |
| C. Hattrs | NC | Cape Hatteras, North Carolina |
| Wrightsv | Bch, NC | Wrightsville Beach, North Carolina |
| Myrtle | Bch. SC | Myrtle Beach, South Carolina |

## HAWAII USA

| | | |
|---|---|---|
| Haleiwa | Oahu | Haleiwa, Oahu Island, Hawaii |
| Hanalei | Kauai | Hanalei Bay, Kauai Island, Hawaii |
| Banyans | Big Isl | Banyans, Big Island, Hawaii |
| Ma'alaea | Maui | Ma'alaea, Maui Island, Hawaii |
| Lahaina | Maui | Lahaina, Maui Island, Hawaii |
| Sandy B | Oahu | Sandy Beach, Oahu Island, Hawaii |

## GULF CST USA

| | | |
|---|---|---|
| Pnma Cty | Florida | Panama City Beach, Florida |
| Naples | Florida | Naples Pier, Florida |
| Galvestn | Texas | Galveston (Pleasure Pier), Texas |
| Corp Chr | Texas | Corpus Christi, Texas |

## ISLANDS CARIBB

| | | |
|---|---|---|
| San Juan | P Rico | San Juan, Puerto Rico |
| Bdgetown | Barbados | Bridgetown, Barbados |

## CANADA

| | | |
|---|---|---|
| Tofino | BC | Tofino, British Columbia |

## MEXICO

| | | |
|---|---|---|
| Prt Escn | Oaxaca | Puerto Escondido, Oaxaca, Mexico |
| Mazatlan | Sinaloa | Mazatlán, Sinaloa, Mexico |
| Ensenada | Baja | Ensenada, Baja California Norte, Mexico |

## CENTRAL AMERICA

| | | |
|---|---|---|
| Pta Arns | Cst Rica | Punta Arenas, Costa Rica |
| Cristobl | Panama | Cristóbal, Panama |
| Libertad | El Salv. | La Libertad, El Salvador |

## PACIFIC ISLANDS

| | | |
|---|---|---|
| Teahup. | Tahiti | Teahupoo, Tahiti |
| Tavarua | Fiji | Tavarua, Fiji |

## GUAM

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|---|---|---|
| Agana | Guam | Agana, Guam |

## AUSTRLIA

| | | |
|---|---|---|
| Sydney | Austrlia | Sydney Beaches, Australia |
| Bells B. | Austrlia | Bells Beach, Australia |
| Marg Rvr | Austrlia | Margaret River, Australia |
| Phlp Isl | Austrlia | Phillip Island, Australia |
| Newcastle | Austrlia | Newcastle, Australia |

## NEW ZEALAND

| | | |
|---|---|---|
| Raglan | N Zealnd | Raglan, New Zealand |
| Hobart | Tasmania | Hobart, Tasmania |

## SOUTH AMERICA

| | | |
|---|---|---|
| Rio de J | Brazil | Rio de Janeiro, Brazil |
| Floriano | Brazil | Florianópolis, Brazil |

EUROPEAN

| | | |
|---|---|---|
| Bordeaux | France | Anglet |
| Ferrol | Spain | El Ferrol Del Caudillo, Spain |
| Newquay | UK | Imham, UK |
| Portrush | Ireland | Portrush, Northern Ireland |
| Canary | Island | Canary Island |

## ASIA

| | | |
|---|---|---|
| Bali | Indonsia | Bali, Indonesia |
| Le Port | Reunion | Le Port, Reunion Island |
| Muroto | Japan | Muroto |
| Irago | Japan | Irago |
| Maizuru | Japan | Maizuru |

## SOUTH AFRICA

| | | |
|---|---|---|
| Durban | S Africa | Durban, South Africa |



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