Graviton Tide Ana-Dig
Instructions & Warranty

Welcome

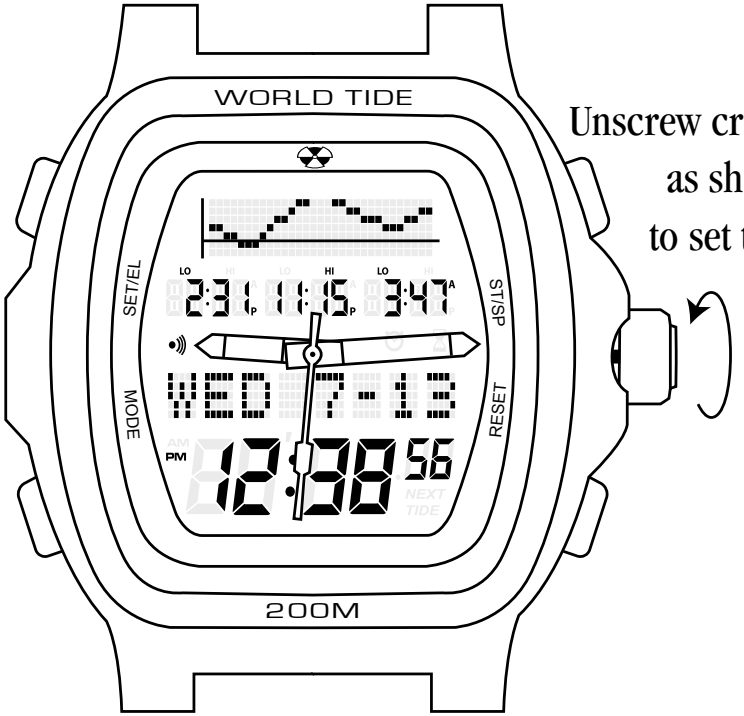
REACTOR watches were conceived, designed and built to withstand the real world of sport enthusiasts. We are very proud of what we have accomplished and we are excited to welcome you to our ever-growing family.

While your REACTOR watch is built for maximum durability, it should ALWAYS be rinsed thoroughly after use in salt water.

IMPORTANT!

Tide watches are not intended to be used for navigation purposes. Local NOAA tide charts should be used when absolute accurate tide information is necessary. The tide data used in this watch is derived from the best data available today, but its accuracy may vary by location, time of year, weather condition, and settings performed by the user.

www.reactorwatch.com



Unscrew crown as shown to set time

Setting Analog Time

Your Graviton watch is fitted with a screw-down crown to improve water resistance. To set the analog time, unscrew the crown by turning counter clockwise until the crown pops away from the case. Pull crown out gently until it clicks and set the time. Push crown back into case and screw down firmly clockwise to ensure a good seal. Check crown regularly for tightness.

BUTTON DESCRIPTION

A) SET/EL - press to activate EL backlight, hold to enter set mode.

B) MODE - press to cycle between different watch modes.

C) ST/SP - press to toggle daylight savings time, hold to toggle 12H/24H time format.

D) RESET - press to toggle hourly chime, hold to turn off LCD.

Setting Digi Time & Date

In normal Time mode, press and hold A to enter set mode. Push C or D to change the hour, then push B to change set mode to minutes, seconds, year, month and day, using C and D to change each as needed. Push A to exit set mode.

Note on daylight savings time

If you live in an area that uses daylight savings time (DST), it is CRITICAL to the proper functioning of the tide system to use the DST indicator on the watch and NOT set the time ahead one hour using the set function. Always set the watch to standard time, then actiavte or deactivate DST mode by pushing the C button while in normal time mode. A DST indicator will appear under the seconds display.

Tide Mode Methodology

Graviton has been programmed with tide chart accurate information for 275 locations around the world through 2016. Different tide charts for the same locations will tend to vary a bit depending on their prediction criteria, but Graviton should provide you with more than acceptable accuracy for all programmed locations. In addition

Graviton provides an offset of ± 180 minutes to allow you to add your specific location if it is not in the database.

Graviton allows you to store your four favorite locations into short term memory for quick access. Location # 1, (HOME) is linked to the graph in the time mode, showing the next 3 upcoming tides and relative tide level. Location 2, 3 and 4 can be accessed in the tide mode.

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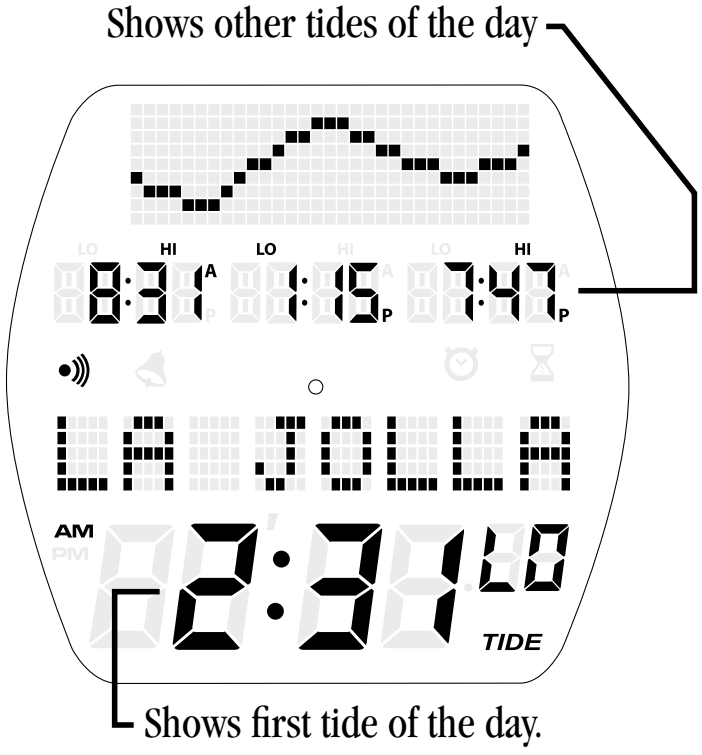

Tide Mode - Set Locations

From the time mode, push B to enter tide mode. HOME will display briefly and then change to the name of your home beach. This beach drives the chart and tide time information that is displayed in normal time mode (see following pages). Push and hold A to enter set mode. The country or U.S. state of your current home beach will display. Push C and D to cycle through the states and countries

in memory. When you reach the desired state or country, push B to enter BEACH mode, then push C and D again to cycle through the beaches. When the desired beach is located, if no offset is needed, push A to select and exit set mode. Push D to advance to BEACH 2 and repeat location setting procedure. Repeat for BEACH 3 and BEACH 4 if desired.

See the complete location list at
www.reactorwatch.com

Tide Mode - Offset Feature

If the beach you want isn't programmed into the watch, you can still get fairly accurate tide info using the offset feature. Complete the location setting previously described to choose the closest beach from the database. After locating the beach, push B to enter offset mode and enter a time offset, up to ±180 mins., using information from your local tide chart. Push A to select and exit set mode.

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Tide Mode - Future Tides

While in tide mode, you can check tides for a date other than today for any of the beaches loaded into one of the four memory positions. Choose either HOME, or BEACH 2, 3 or 4, then push and hold button C. The location name will change to the date. Press C to advance one day into the future, D to go back a day. Each press changes the date by one day. Push and hold C again to return to today.

Confused?

While the Graviton is a very advanced watch, it does take some time to learn all of its capabilities. More detailed instructions, along with many more illustrations, are on our website.

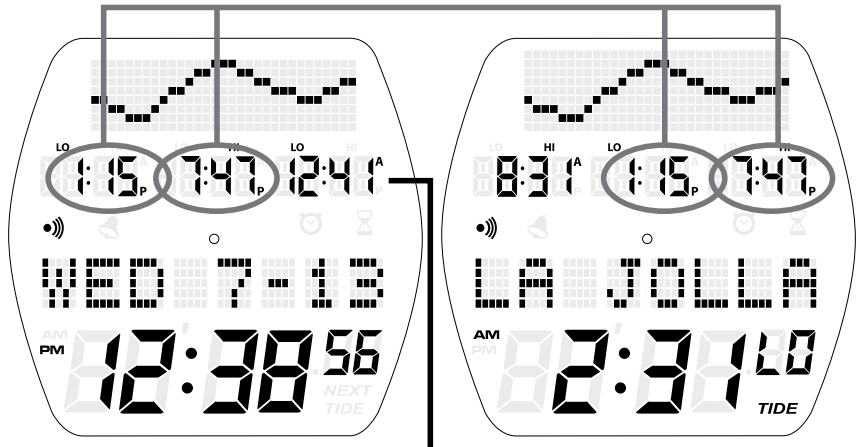
And of course, if you still need a little more help, our staff is available M-F from 8-5 Pacific to answer any questions. Call us at 800-291-6600.

www.reactorwatch.com

Tide Info in Time Mode

It is important to note the difference between tide info displayed in TIME mode and TIDE mode. TIDE mode always displays the tides for the date selected, even if those tides have passed. In TIME mode, the next three tides for the HOME beach are displayed, even if one or more of those tides occur on the next day.

Time mode always displays the next 3 tides.
Tide mode displays tides for a given date.

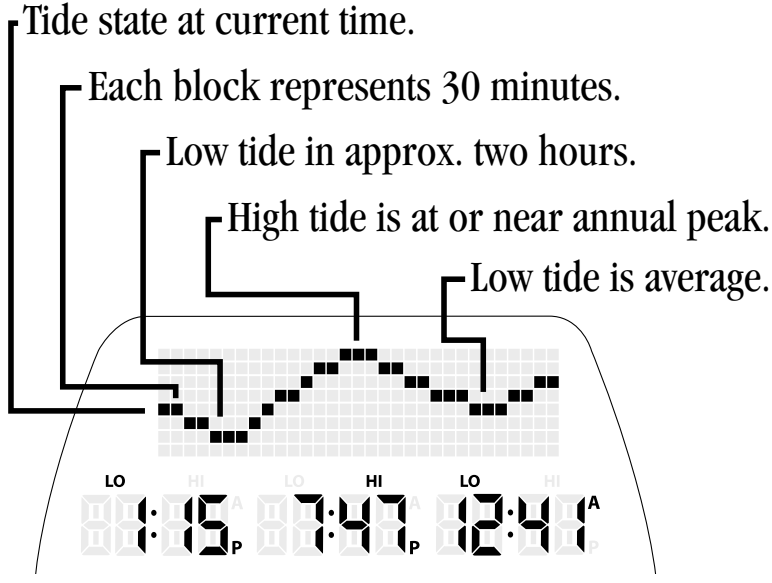


Time mode
(first tide on 7-14)

Tide mode
(all tides on 7-13)

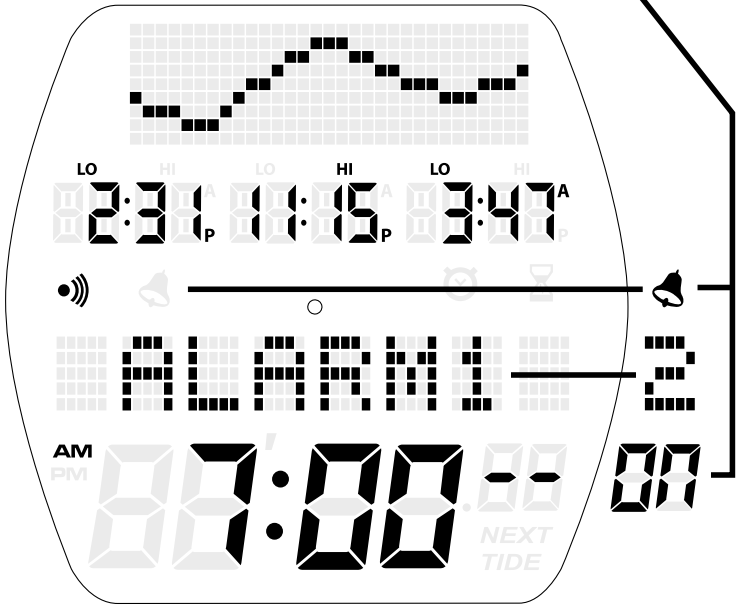
The Tide Graph

The graph displays a lot of information quickly, if you know how to read it. First, the left edge of the graph always shows the tide state right now. Each block is 30 minutes in the future. At a glance you can see whether the tide is rising or falling, and how far away the next peak is. The distance of the peak from the center of the graph shows relative tide height from the annual mean.



The graph does not correlate to the tide time data below it.

Symbols change when alarm is set



Features two independent alarms.

Alarm Mode

From the time mode, push button B twice to enter Alarm mode. The watch features two daily alarms; switch between them by pushing button D. To activate or deactivate each of the alarms, push button C. To set the alarm, push and hold A to enter set mode. The hours will begin to flash, push the C or D button to adjust the hours, push B to

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advance to the minutes and C or D to adjust. Be sure to check the AM/PM indicator to the left of the hour display to ensure setting the correct time. When finished, push A to exit set mode.

When the alarm sounds, pressing any button will silence it. The alarm will sound each day unless deactivated by entering alarm mode and pushing C to turn the alarm off.

Timer Mode

From the time mode, push B three times to enter Timer mode. Push D to select timer 1, 2, or 3. Push and hold A to enter set mode - hours will flash. Push C to advance and D to retard hours. Push B to change set to minutes, then C or D again to change. Push B and repeat for seconds. Push B again to enter timer function selection and C to change.

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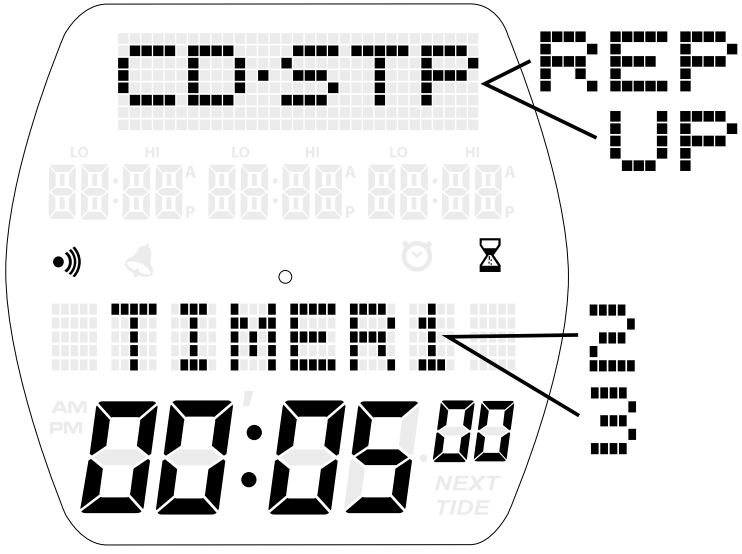


Features three independent countdown timers with three modes each.

The Timer has three modes - stop, repeat and up. CD-STP is countdown stop, which will countdown once and stop. CD-REP indicates countdown repeat, which will countdown and repeat up to 99 times. CD-UP is countdown – count up, which will countdown, then count up until stopped. Push button A when finished to exit setting mode. Push C to start and stop the timer. Push and hold D with the timer stopped to reset.

Displays breaking wave while chrono runs

Chronograph Mode

From the time mode push button B four times; CHRONO will be displayed. To start the chronograph, push C once, the chrono will begin counting up. To stop push C again. To reset the chrono, push and hold D (chrono must be stopped). To take split times, push D while the chrono is running; the display will freeze for about 5 seconds and then revert back to the chrono mode.

Warranty

Our warranty is simple and straight forward: if anything goes wrong with your REACTOR watch in the first two years of ownership, we will either repair or replace it at our expense.

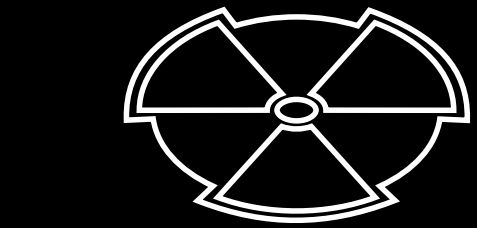
Here's the "not so small print": Broken crystals, dead batteries, abuse, and normal wear and tear are not considered manufacturing defects and are not covered by our warranty.

Service

If your watch needs service, return it to:

Reactor Service
5312 Derry Ave., Suite B
Agoura Hills, CA 91301
(800) 291-6600

Include a note explaining the problem, a copy of your sales receipt, phone number, e-mail address, and return mailing address. We're committed to returning your watch in 5 days or less.



REACTOR Watches Agoura Hills, CA

800-291-6600 www.reactorwatch.com