



5.11 H.R.T. WATCH



Several times a year 5.11 Tactical gathers a group of law enforcement professionals, industry insiders, manufacturing experts and creative thinkers to focus on new product concepts and development. These sessions are critical to 5.11's philosophy of developing products that exceed the needs of our customers while being functionally innovative.

5.11 TACTICAL SERIES®

MADE FOR LAW ENFORCEMENT BY LAW ENFORCEMENT

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**ANALOG FUNCTION :**

- ANALOG time (three hands) used for local time
- BEZEL time (60 minutes)

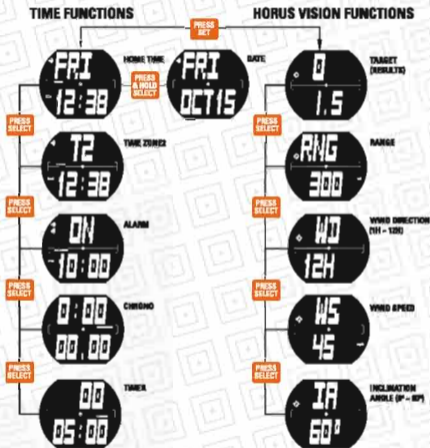
TIME FUNCTIONS (DIGITAL):

Press SELECT to scroll through the following function displays:

- HOME TIME in 12 or 24 hour format with DAY, DATE, MONTH readout - Auto calendar with 50 years coverage.
- T2 - Second time zone
- ALARM - 2 alarms for HOME time and T2 time
- CHRONOGRAPH - Stopwatch with 1/100th sec readout
- TIMER with alarm - Countdown in 1 sec readout from up to 24 hours.

HORUS VISION FUNCTIONS (DIGITAL):

- HORUS VISION Ballistic Calculator
Press SET in any mode to display TARGET RESULT screen
Press SELECT to scroll through fields.



ANALOG FUNCTIONS

TIME SETTING

1. Make sure your watch is completely dry.
2. Turn the crown ant-clockwise (fig 1.)
3. With crown completely unscrewed it can pulled out to set you watch (fig 2.).
4. Turn the crown clock-wise to wind the hands onto the correct time.
5. After setting push the down back fully and carefully screw the crown back in slowly to reseal your watch. Never force the screw (fig 3.).



ALIGN THREAD
CAREFULLY &
RESCREW
CROWN FULLY
BUT SLOWLY

IMPORTANT!

The crown must be fully screwed in for your watch to be water resistant. Never unscrew the crown when your watch is in water or wet.

BEZEL TIMER OPERATION

Your watch is fitted with a uni-directional Bezel Timer. This bezel was originally designed to be used for counting minutes when scuba diving but it can be used as a timer for any purpose.

To set your bezel :

1. Turn your bezel by hand counter-clockwise/to the left and align the red marker at 60 with the minute hand (fig 1.)
2. As the minute hand moves normally it will count up against the bezel. As long as the bezel is not moved, you can read the elapsed time (up to 60 minutes) by noting the minute hand's position against the bezel. (Example 15 minutes as in fig 2.)

ALIGN



fig. 1

READ



fig. 2

TIME FUNCTIONS

BACK-LIGHT

1. Press PLUS (+) and watch will illuminate for 10 secs.
2. Press PLUS (+) again to immediately switch off the light. (It is advisable to turn off the light whenever possible to conserve battery life.)

WATCH MODE Screen default:

You may choose to have the main screen in DAY/MONTH/DATE or DAY/HOME TIME display (for night operations). In WATCH MODE, press & hold SELECT to toggle between the two display options.



HOME TIME



SETTING :

1. In WATCH MODE - DAY/HOME TIME display, press & hold SET. Hour digits will flash. (Day/Home time must be selected see page 8)
2. Enter your current time by pressing PLUS (+) or MINUS (-).
3. Press SELECT. Minute digits will flash. Enter your current time by pressing PLUS (+) or MINUS (-).
4. Press SELECT. Sec digits will flash. Press PLUS (+) or MINUS (-) to synchronize the seconds with the analogue hand at 0/60.
5. Press SELECT. DST (daylight savings time) digits will flash. Choose your "summertime" preference by pressing PLUS (+) or MINUS (-).
6. Press SELECT. 12 hr/24hr Format digits will flash. Choose your preference display by pressing PLUS (+) or MINUS (-).
7. Press and hold SET to leave setting mode

CALENDAR



SETTING:

Day/Month/Date display must be selected (see page 8)

1. In WATCH MODE (DAY/MONTH/DATE) display, press & hold SET. Year digits will flash.
2. Enter your current year by pressing PLUS (+) or MINUS (-).
3. Press SELECT. Month digits will flash. Enter your current month by pressing PLUS (+) or MINUS (-).
4. Press SELECT. Date digits will flash. Enter your current date by pressing PLUS (+) or MINUS (-). (Correct Day will automatically be selected).
5. Press SELECT. Format digits will flash. Choose your preference display by pressing PLUS (+) or MINUS (-).
6. Press SELECT. BEEP digits will flash. This function allows you to select a beep to sound with every button push (default is off). Choose your preference by pressing PLUS (+) or MINUS (-)
7. Press and hold SET to leave setting mode

TIME ZONE 2 (T2)



SETTING :

1. In WATCH MODE press SELECT to display T2 MODE.
2. Press & hold SET. Hour digits will flash.
3. Enter your desired time by pressing PLUS (+) or MINUS (-).
4. Press SELECT. Minute digits will flash. Enter desired time by pressing PLUS (+) or MINUS (-).
5. Press SELECT. Sec digits will flash. Press PLUS (+) or MINUS (-) to synchronize the seconds with the analogue hand at 0/60.
6. Press SELECT. DST digits will flash. Choose your "summertime" preference by pressing PLUS (+) or MINUS (-).
7. Press SELECT. 12 hr/24hr Format digits will flash. Choose your preference display by pressing PLUS (+) or MINUS (-)
8. Press and hold SET to leave setting mode

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ALARM**SETTING :**

1. In WATCH MODE press SELECT twice to display ALARM MODE.
2. Press & hold SET. Hour digits will flash.
3. Enter your desired time by pressing PLUS (+) or MINUS (-).
4. Press SELECT. Minute digits will flash. Enter your desired time by pressing PLUS (+) or MINUS (-).
5. Press SELECT. ZONE digits will flash. Choose your preference for alarm synchronization (from HOME or T2 time) by pressing PLUS (+) or MINUS (-)
6. Press and hold SET to leave setting mode. ALARM will automatically be activated (ON).

OPERATION :

Alarm will now sound at the pre-selected time for 20 seconds. To turn off the alarm during sounding, simply press any button.

To Turn the Alarm on of off after setting, go to ALARM MODE and press MINUS (-) to toggle between ON and OFF. Note the symbol will appear in the top left hand corner when the alarm is on.

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CHRONOGRAPH (STOPWATCH)**OPERATION :**

1. In WATCH MODE press SELECT three times to display CHRONO MODE.
2. Press MINUS (-) to commence timing in 1/100th up to 59Hr 59Min 59.99Sec.
3. Press MINUS (-) to stop timing.
4. Press+hold MINUS (-) to reset Chronograph to zero.

**SETTING :**

1. In WATCH MODE press SELECT four times to display TIMER MODE.
2. Press & hold SET. Hour digits will flash.
3. Enter your desired time (up to 23:59:59) by pressing PLUS (+) or MINUS (-).
4. Press SELECT. Minute digits will flash. Enter desired time by pressing PLUS (+) or MINUS (-).
5. Press SELECT. Sec digits will flash. Enter desired time by pressing PLUS (+) or MINUS (-).
6. Press and hold SET to leave setting mode.

OPERATION :

In TIMER MODE, press MINUS (-) to commence countdown in 1 second interval. (A single beep will sound at one-minute intervals then at one-sec intervals for the last ten secs. At the end of time, the beep will sound for ten secs.) Press PLUS (+) to stop countdown. Press & hold MINUS (-) to reset Timer to your preset time.



5.11 has partnered with Horus Vision to bring their software, usually installed on a handheld PDA device, into a watch platform. Months of development and field testing ensure that the software works with equal precision in a watch format.

Popular among police snipers, long range tactical shooters and big game hunters, Horus Vision's unique software enables shooters to accurately calculate their bullet's trajectory and drop at extended ranges, up to and beyond 1000 yards.

Horus Vision allows shooters to calculate their bullet's point-of-impact (POI) by inputting the following information and variables.

- Temperature °F/°C
- Altitude (Metric & US)
- Height Above Bore
- C1 Ballistic Coefficient
- Muzzle Velocity
- Zeroed Range
- Wind Speed
- Wind Direction
- Target Range
- Inclination Angle
- The firing solution may be displayed in MILS, TMOA, SMOA, or in number of CLICKS.

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INITIAL SETTING

Your watch must first be set up with your shooting criteria:

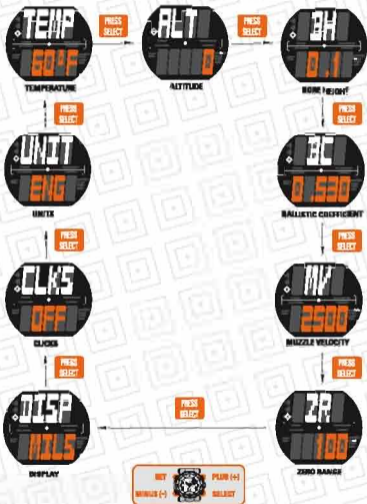
1. In any mode, press SET to display the TARGET RESULT screen
2. In TARGET RESULT MODE, press & hold SET. TEMP (Temperature) screen will appear.
3. Press SELECT three times to display BH (Bore Height). Choose your preference by pressing PLUS (+) or MINUS (-).
4. Press SELECT again to display BC (Ballistic Coefficient). Choose your preference by pressing PLUS (+) or MINUS (-).
5. Press SELECT again to display MV (Muzzle Velocity). Choose your preference by pressing PLUS (+) or MINUS (-).
6. Press SELECT again to display ZR (Zero Range). Choose your preference by pressing PLUS (+) or MINUS (-), DOWN.
7. Press SELECT again to display DISP (Display in MILS, TMOA or SMOA). Choose your preference by pressing PLUS (+) or MINUS (-).
8. Press SELECT again to display CLKS (Clicks). Choose your preference by pressing PLUS (+) or MINUS (-).
9. Press SELECT again to display UNIT (English or Metric). Choose your preference by pressing PLUS (+) or MINUS (-).

SHOOTING SETTINGS

When you are ready to begin shooting set the following preferences:

1. In any mode, press SET to display the TARGET RESULT screen
2. In TARGET RESULT MODE, press & hold SET. TEMP (Temperature) screen will appear and digits will flash. Choose you're the ambient temperature by pressing PLUS (+) or MINUS (-).
3. Press SELECT again to display ALT (Altitude). Choose your current height by pressing PLUS (+) or MINUS (-).

HORUS VISION FUNCTIONS 15



16 HORUS VISION OPERATIONS



1. In any mode, press SET to display the TARGET RESULT screen
2. Press SELECT to display RNG (Range). Program the distance to target by pressing PLUS (+) or MINUS (-).
3. Press SELECT to display WD (Wind Direction). Program the current wind direction from the shooter by pressing PLUS (+) or MINUS (-). (E.g. 12 H (ie 6 O'clock) is blowing direct from the target and 6H is from directly behind the shooter)
4. Press SELECT to display WS (Wind Speed). Program the current wind speed by pressing PLUS (+) or MINUS (-).
5. Press SELECT to display IA (Inclination Angle). Program your current angle of inclination from the target by pressing PLUS (+) or MINUS (-).
6. Press & hold SELECT to return to the TARGET RESULT screen.

Note: During any programming mode, press & hold SELECT immediately return to the Target Result screen.

WATCHBAND

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TO CHANGE OR REPLACE STRAP

Use the 5.11 strap tool (included) and follow the diagrams below.

When re-tightening screw be sure to slowly align the thread and screw to a firm but not forced end – Do not over tighten the screw.



LIMITED WARRANTY

5.11 Tactical will, within two (2) years from date of purchase, repair or replace (at 5.11's option) your 5.11 Tactical watch free of charge if it proves to be defective in material or workmanship under normal use. 5.11 Tactical reserves the right to repair or replace, with an equivalent style, any warranty watch. This warranty does not cover batteries, leather straps, damage arising from normal wear, scratches, accidents or misuse, or from any alteration, service or repair performed by any party other than 5.11 Tactical.

This warranty is void if the timepiece was not purchased from an Authorized 5.11 Tactical Dealer, as evidenced by a valid warranty card or proof of purchase.

Please remember that your warranty is void if the watch is opened by any one other than the 5.11 Tactical Service Center. All warranty claims MUST be sent with a purchase receipt clearly showing the purchase date. Packaging or this instruction booklet IS NOT proof of purchase from an authorized dealer.

We will always do our best to ensure your watch is repaired with the utmost care and consideration. In some cases, discontinued styles may not be repairable as the parts may become obsolete. If we cannot replace your part with an exact match, we will offer you a comparable part in its place.

WARRANTY SERVICE

If you need to send your watch in for service, we have included a watch repair form on the following page. Please include specific information about the problem with your watch. List all the items you would like to have repaired. Enclose your name, address, phone number, and your valid warranty card and proof of purchase.

Pack your watch securely in padding material in a sturdy, taped box. Please include your return mailing address.

Ship your watch via registered, insured mail, return receipt requested. Insure the watch for full replacement value. Please enclose check, money order or credit card information for \$10 to cover return postage, insurance. You are responsible for protecting your watch during transit.

Individual spare parts (listed below) may be purchased if you've damaged your watch or if your watch is no longer under warranty. Proof of purchase is still required.

Replacement Parts:

5.11 Allen Tool and Replacement Bolt Set	\$10*
Leather or PU Replacement Straps	\$25*
Battery Replacement	\$15*
Crystal Replacement	\$100*

*Add \$8 for shipping and handling.

Ship your watch to:

5.11 Tactical Watch Center
4300 Spyres Way
Modesto, CA 95356

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WARRANTY CLAIM FORM

NAME:

RETURN ADDRESS:

DAYTIME PHONE:
WITH AREA CODE

E-MAIL:

BRIEF DESCRIPTION OF PROBLEM:



THE RIGHT TO BRAG OR THE RIGHT TO REMAIN SILENT.

Law enforcement officers from around the world enter the 5.11 Challenge today for a chance to meet and compete with fellow officers in a series of shooting events at our 5-star lodge on Montana's famous Big Horn River.

If you and your partner are selected you will receive:

- All expense paid trip to stay at our 5-star lodge in Big Horn County, Montana.
- Gift package from our sponsors valued at \$1500
- Incredible fishing on the Big Horn River
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- Finalists will compete for prizes for their department or agency valued at \$100,000.

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