

CASIO®



Feel the Field

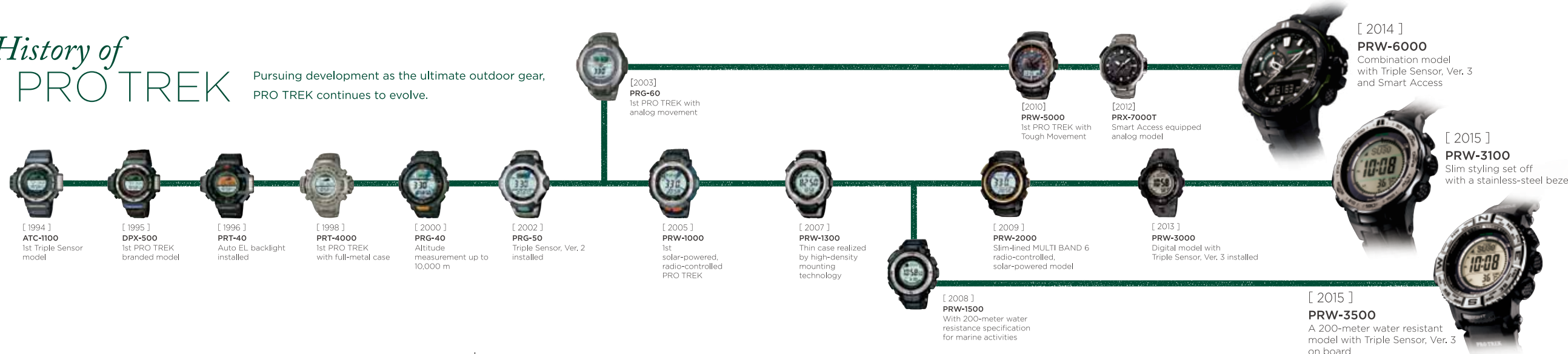
The embodiment of a tool concept realized through advanced technologies, PRO TREK continues to evolve as genuine outdoor gear. It deploys Triple Sensor, Ver. 3 to take high-precision measurements of directions, atmospheric pressure/temperatures and altitudes, and adds radio-controlled, solar-powered timekeeping to assure accuracy in locations around the world, from the European Alps to the high Himalayas. From assured direct button control to high-specification water resistance, PRO TREK is loaded with functions designed to support activities in the field.

Users have a wide selection of models to choose from depending on their individual needs, moreover, from combination models offering intuitive, at-a-glance data confirmation to slim models designed for superior wearability and multi-field models featuring 200-meter water resistance.

The watch that inspires adventurous minds by opening up new fields of activity, PRO TREK is for everyone who loves the Great Outdoors.

History of PRO TREK

Pursuing development as the ultimate outdoor gear, PRO TREK continues to evolve.



1994 → Triple Sensor, Ver. 1
Triple Sensor debuted in 1994. Operating on battery power, it revolutionized the wristwatch with its ability to measure directions, barometric pressure/altitude and temperatures.



2002 → Triple Sensor, Ver. 2 [Stage 1]
Solar-powered sensor measurement realized with installation of Tough Solar.

[Stage 2]
Pressure sensor diameter reduced from 5.8 to 4.0 mm, case downsized to 60%. Size reduction accompanied by improvement in sensor measurement accuracy.



2013 → Triple Sensor, Ver. 3
Miniaturized magnetic sensor and higher-precision pressure sensor developed. Faster, more precise sensor measurements realized.



LINE UP

A selection of models suited to various activities, from serious mountain climbing to water sports. There's a PRO TREK for virtually anyone, anywhere and anytime.

Combination Line PRW-6000

Triple Sensor, Ver. 3



Display of sensor measurement values in both analog and digital formats.



Multi-Field Line PRW-3500

Triple Sensor, Ver. 3



200-meter water resistant models for mountain, river or seafaring activities.



Slim Line PRW-3100 / 3000

Slim case designs for superior wearability.

Triple Sensor, Ver. 3



PRW-3100

PRW-3000

PRG-300 / 270

Triple Sensor, Ver. 3



Accomplished in pursuit of simple ease of use.



PRG-300

PRG-270

PRG-240



A digital model powered by Tough Solar.



PRG-280

A combination model with Twin Sensor functionality.



Triple Sensor, Ver. 3

- | Altimeter
- | Barometer/Thermometer
- | Digital Compass

PRW-6000 / 3500 / 3100 / 3000, PRG-300 / 270

Featuring faster, lengthier, more accurate observation of nature.

Tiny built-in sensors measure directions, atmospheric pressure/temperatures and altitudes at high speed with high precision and display the results clearly on the dial.

They perceive the countless changes in natural phenomena that occur with every passing moment, and provide the information users need to determine the most appropriate action in the field.

PRW-6000 (display example)

Altimeter

Altitude measurement interval 1 sec.*
Measurement unit 1 m

Altitude differential indicator
(Example shows -30 m.)



Altitude tendency graph
Altitude
(Example shows 1,228 m.)

* Takes altitude measurements at 1-second intervals for the first 3 minutes after the start of measurement and at 5-second or 2-minute intervals thereafter (switchover possible).

Barometer / Thermometer

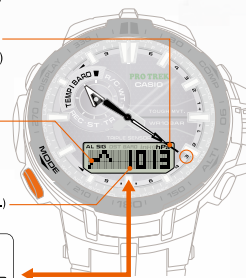
Sudden atmospheric pressure change alarm

Atmospheric pressure differential indicator
(Example shows -3 hPa.)

Atmospheric pressure tendency graph

Atmospheric pressure
(Example shows 1,013 hPa.)

Temperature
(Example shows 26.4°C.)



Digital Compass

60-second continuous direction measurement

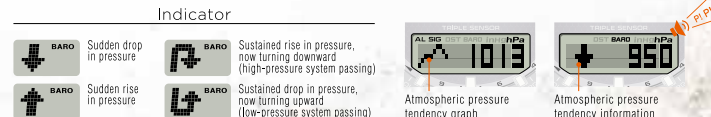
16 directions
(Example shows NW.)

Bearing angles
(Example shows 315°.)



Atmospheric pressure tendency alarm

When atmospheric pressure changes requiring caution are detected (rapid fall or rise in pressure, transition from sustained high or low pressure), a beeping tone sounds an alert. An arrow on the display also flashes a warning.



Combination Line

PRW-6000

Using analog intuition and digital precision to monitor nature's changes.

Triple Sensor, Ver. 3

- | Altimeter
- | Barometer/Thermometer
- | Digital Compass

Smart Access

Tough MVT

Tough Solar

Wave Captain

100-meter water resistance

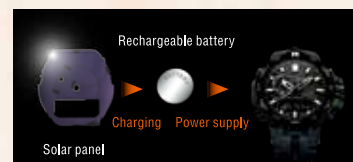




FUNCTIONS

Radio-controlled (MULTI BAND 6) & solar-powered (Tough Solar)

Converts even faint light into power to achieve stable operation of multiple functions, and receives time-calibration signals from any of six transmission stations worldwide to correct the time automatically.



Hand-concealment function

Since each hand is driven independently, individual hands can be momentarily retracted from above the LCD during measurement to avoid interfering with data reading.



Smart Access

Simple electronic crown operation realizes intuitive control of multiple functions, from alarm/timer setting to Home Time/World Time switching.

Tough Movement

Four cutting-edge functions enhance the reliability of the radio-controlled, solar-powered analog watch.

Double LED lights (Full auto LED light)

A pair of LEDs irradiate the hands and LCD with bright white light. This combines with luminescent treatment of the indications to assure remarkable visibility under low-light conditions.



Photo shows PRW-6000Y-1A.

PRW-6000Y-1A
[Carbon-fiber insert resin band]

DESIGN

Soft urethane band [PRW-6000]

The band retains its comfortable wearability while achieving high tensile strength and durability. A band cover is installed on the inner surface of the band to assure a natural fit on the wrist.



Carbon-fiber insert resin band [PRW-6000Y]

Carbon fiber is molded into the urethane resin band material. This assures high strength and durability while maintaining the band's natural wearability.

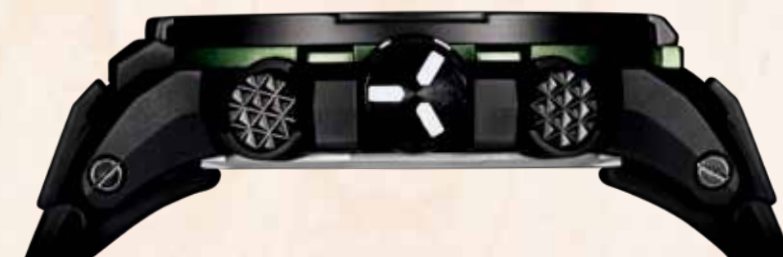


Titanium band [PRW-6000SYT]

The band is made of a lightweight, titanium material combining toughness with excellent wearability.

Slim design

A combination of miniaturized operating motors and high-density mounting technology achieves slimming of the case to just 12.8 mm, even with multiple functions installed.



PRW-6000Y-1
[Carbon-fiber insert resin band]



PRW-6000-1
[Soft urethane band]



PRW-6000SYT-1
[Titanium band]

[Detailed Specifications] •Radio-controlled (MULTI BAND 6) •Double LED lights (Full auto light) •Solar powered *Approx. battery operating time: 6 months (with no exposure to light after full charge) •The auto hand home position correction •100-meter water resistance •Digital Compass •Measures and displays direction as one of 16 points •Measuring range: 0 to 359° •Measuring unit: 1° •60 seconds continuous measurement •Hand indication of north •Bidirectional calibration •Magnetic declination correction •Altimeter •Measuring range: -700 to 10,000 m (-2,300 to 32,800 ft.) •Measuring unit: 1 m (5 ft.) •Hand indication of altitude differential •Manual memory measurements (up to 30 records, each including altitude, date, time) •Auto log data (High/Low altitudes, cumulative ascent and descent) •Relative altitude readings (+100 m/+1,000 m) •Changeover between meters (m) and feet (ft.) •Barometer •Display range: 260 to 1,100 hPa (7.65 to 32.45 inHg) •Display unit: hPa (0.05inHg) •Hand indication of pressure differential •Atmospheric pressure tendency graph •Barometric pressure tendency information alarm (beep and arrow indicate significant changes in pressure) •Changeover between hPa and inHg •Thermometer •Display range: -10 to 60°C (14 to 140°F) •Display unit: 0.1°C (0.2°F) •Changeover between Celsius (C) and Fahrenheit (°F) •Low-temperature resistant (-10°C/14°F) •World Time: 29 time zones (29 cities + coordinated universal time). One-touch UTC time zone access. Daylight saving on/off, Home city/World time city swapping •1/100-second stopwatch •Countdown timer •5 daily alarms •Hourly time signal •Hand shift feature (manual or auto; during altitude, barometric pressure, and temperature measurement) •Battery level indicator •Power save function •Full auto-calendar (to year 2099) •Button operation tone on/off

Multi-Field Line

PRW-3500

Built for use on rivers or seas as well as in mountainous terrain, this Multi-Field model with Triple Sensor, Ver. 3 on board supports users in a wide range of environments.

Triple Sensor, Ver. 3

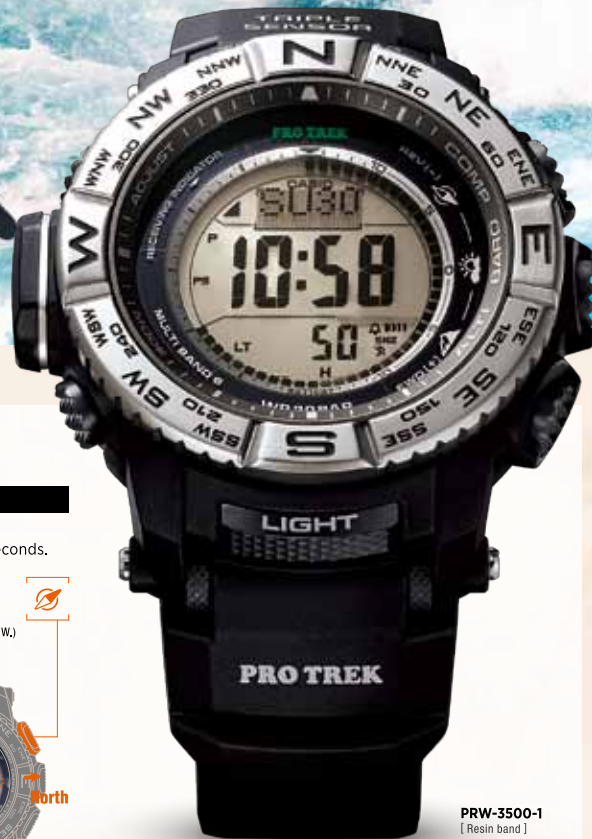
- Altimeter
- Barometer/Thermometer
- Digital Compass

TOUGH SOLAR

WAVE CAPTOR



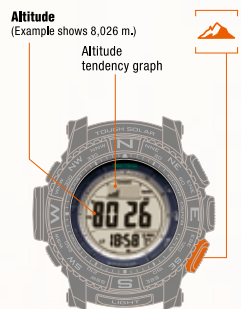
200-meter water resistance



Triple Sensor, Ver. 3

Altimeter

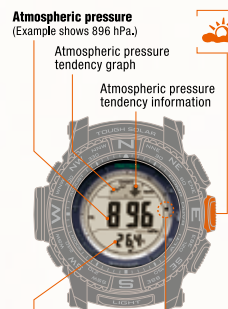
Measures altitudes to the nearest meter at 1-second intervals*.



*Takes measurements every second for the first 3 minutes and every 5 seconds or 2 minutes thereafter (selectable)

Barometer / Thermometer

Sudden atmospheric pressure change alarm.



Temperature (Example shows 26.4°C)

Digital Compass

Measures bearings continuously for 60 seconds.



Graphic indication of north, south, east and west

PRW-3500-1 [Resin band]



PRW-3500Y-1 [Resin band]



PRW-3500Y-4 [Resin band]



PRW-3500T-7 [Titanium band]



PRW-3500SYT-1 [Titanium band]



PRW-S3500-1 [Carbon-fiber insert resin band]

FUNCTIONS

200-meter water resistance for various outdoor activities

Full auto LED light (Super Illuminator)

The light activates a high-brightness LED automatically with just a tilt of the wrist in low-light conditions.

Atmospheric pressure tendency alarm

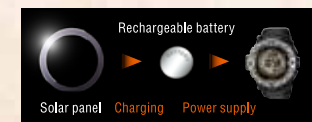
An atmospheric pressure tendency alarm has been installed to alert wearers to any notable change.

Indicator

- Sudden drop in pressure
- Sudden rise in pressure
- Sustained rise in pressure, now turning downward (high-pressure system passing)
- Sustained drop in pressure, now turning upward (low-pressure system passing)

Solar-powered (Tough Solar)

The solar-powered battery-recharging system ensures stable operation even when using power-hungry functions.



Sunrise, Sunset time display

The Sunrise, Sunset time display is a convenient tool for planning climbs.

Radio-controlled (MULTI BAND 6)

MULTI BAND 6 receives time calibration signals in six regions: Japan (2), United States, Germany, England, China.

[Detailed Specifications] •Radio-controlled (MULTI BAND 6) •Full auto LED light (Super Illuminator) •Solar powered •Approx. battery operating time: 7 months (with no exposure to light after charge) •200-meter water resistance •Digital compass •Measures and displays direction as one of 16 points •Measuring range: 0 to 359° •Measuring unit: 1° •60 seconds continuous measurement •Graphic direction pointer •Bidirectional calibration •Magnetic declination correction •Bearing memory •Altimeter •Measuring range: -700 to 10,000 m (-2,300 to 32,800 ft.) •Measuring unit: 1 m (5 ft.) •Manual memory measurements (up to 30 records, each including altitude, date, time) •Auto log data (High/low altitudes, auto cumulative ascent and descent) •Trek log data (up to 14 records of high/low altitudes, auto cumulative ascent and descent of particular treks) •Relative altitude readings (-3,000 to 3,000 m) •Changeover between meters (m) and feet (ft.) •Barometer •Display range: 260 to 1,100 hPa (7.65 to 32.45 inHg) •Atmospheric pressure tendency graph •Atmospheric pressure differential graphic •Barometric pressure tendency information alarm (beep and arrow indicates significant changes in pressure) •Changeover between hPa and inHg •Thermometer •Display range: -10 to 60°C (14 to 140°F) •Display unit: 0.1°C (0.2°F) •Changeover between Celsius (°C) and Fahrenheit (°F) •Low-temperature resistant (-10°C/14°F) •World Time: 31 time zones (48 cities + coordinated universal time), Daylight saving on/off •Sunrise, Sunset time display •1/10-second stopwatch •Countdown timer •5 daily alarms •Hourly time signal •Battery level indicator •Power save function •Full auto-calendar (to year 2099) •Button operation tone on/off

DESIGN

Register ring / Stainless-steel bezel ring

A register ring for easy recording of target directions and a colored metallic stainless-steel bezel ring are installed, further underscoring the outdoor-gear styling.

Stainless-steel screws

Large screws are employed to attach the band to the case, reinforcing the strength of the connection. This structure protects against unexpected separation of the band.

Large direct buttons

Designed for quick measurement with a single push, the buttons can be operated without taking gloves off.



Slim Line

PRW-3100

Triple Sensor, Ver. 3 is mounted in this model's slim case. Stainless steel is employed for the bezel, an advance in the use of materials reflecting PRO TREK's ongoing pursuit of enhanced practicality and styling.

Triple Sensor, Ver. 3

- Altimeter
- Barometer/Thermometer
- Digital Compass

TOUGH SOLAR

WAVE CAPTION



100-meter water resistance



PRW-3100-1 [Soft urethane band]

Triple Sensor, Ver. 3

Altimeter

Measures altitudes to the nearest meter at 1-second intervals*.

Altitude (Example shows 3,180 m.)

Altitude tendency graph



*Takes measurements every second for the first 3 minutes and every 5 seconds or 2 minutes thereafter (selectable)

Barometer / Thermometer

Sudden atmospheric pressure change alarm.

Atmospheric pressure (Example shows 896 hPa.)

Atmospheric pressure tendency graph

Atmospheric pressure tendency information



Temperature (Example shows 28.1°C.)

Atmospheric pressure differential graphic

Digital Compass

Measures bearings continuously for 60 seconds.

Graphic indication of north, south, east and west

16 directions (Example shows WNW.)



Direction angles [0 to 359°] (Example shows 295°.)

FUNCTIONS

Solar-powered (Tough Solar)

This solar-powered battery-recharging system ensures stable operation even when using power-hungry functions.

Radio-controlled (MULTI BAND 6)

MULTI BAND 6 receives time calibration signals in six regions: Japan (2), United States, Germany, England, China.

Full auto LED light (Super Illuminator)

The light activates a high-brightness LED automatically with just a tilt of the wrist in low-light conditions.

Atmospheric pressure tendency alarm

An atmospheric pressure tendency alarm has been installed to alert wearers to any notable change.

100-meter water resistance

DESIGN

Stainless-steel bezel

The bezel is constructed of stainless steel for greater durability. This model's robust outdoor gear styling reflects toughness and functionality befitting a professional tool.

Slim case design

The case has been slimmed to just 12 mm despite the installation of Triple Sensor, Ver. 3 and MULTI BAND 6 radio-controlled, solar-powered functionality.

Large direct buttons

Designed for quick measurement with a single push, the buttons can be operated without taking gloves off.



PRW-3000

Slim model equipped with Triple Sensor, Ver. 3

Triple Sensor, Ver. 3

- Altimeter
- Barometer/Thermometer
- Digital Compass

TOUGH SOLAR

WAVE CAPTION



100-meter water resistance



PRW-3000-1 [Soft urethane band]



PRW-3000-1A [Soft urethane band]



PRW-3000-7 [Titanium band]



PRW-3100-6 [Soft urethane band]



PRW-3100Y-1 [Soft urethane band]



PRW-3100T-7 [Titanium band]



PRW-S3100-1 [Carbon-fiber insert band]

[Detailed Specifications] •Radio-controlled (MULTI BAND 6) •Full auto LED light (Super Illuminator) •Solar powered •Approx. battery operating time: 7 months (with no exposure to light after full charge) •100-meter water resistance •Digital Compass •Measures and displays direction as one of 16 points •Measuring range: 0 to 359° •Measuring unit: 1° •60 seconds continuous measurement •Graphic direction pointer •Bidirectional calibration •Magnetic declination correction •Bearing memory •Altimeter •Measuring range: -700 to 10,000 m (-2,300 to 32,800 ft.) •Measuring unit: 1 m (5 ft.) •Manual memory measurements (up to 30 records, each including altitude, date, time) •Auto log data (High/Low altitudes, auto cumulative ascent and descent) •Trek log data (up to 14 records of high/low altitudes, auto cumulative ascent and descent of particular treks) •Relative altitude readings (-3,000 to 3,000 m) •Changeover between meters (m) and feet (ft.) •Barometer •Display range: 260 to 1,100 hPa (7.65 to 32.45 inHg) •Atmospheric pressure tendency graph •Atmospheric pressure differential graphic •Barometric pressure tendency information alarm (beep and arrow indicate significant changes in pressure) •Changeover between hPa and inHg •Thermometer •Display range: -10 to 60°C (14 to 140°F) •Display unit: 0.1°C (0.2°F) •Changeover between Celsius (°C) and Fahrenheit (°F) •Low-temperature resistant (-10°C/14°F) •World Time: 31 time zones (48 cities + coordinated universal time), Daylight saving on/off •Sunrise, Sunset time display •1/10-second stopwatch •Countdown timer •5 daily alarms •Hourly time signal •Battery level indicator •Power save function •Full auto-calendar (to year 2099) •Button operation tone on/off

PRG-300

A slim model available in various color patterns

Triple Sensor, Ver. 3

Altimeter
Barometer/Thermometer
Digital Compass

Tough Solar

100-meter water resistance



PRG-300-1A2
[Soft urethane band]

PRG-300-1A4
[Soft urethane band]

PRG-300-1A9
[Soft urethane band]

PRG-300-7
[Soft urethane band]

Triple Sensor, Ver. 3

Miniature built-in sensors take high-precision measurements of directions, atmospheric pressure/altitudes and temperatures.

Solar-powered (Tough Solar)

This solar-powered battery-recharging system ensures stable operation even when using power-hungry functions.

Atmospheric pressure tendency alarm

An atmospheric pressure tendency alarm has been installed to alert wearers to any notable change.

Full auto LED light (Super Illuminator)

The light activates a high-brightness LED automatically with just a tilt of the wrist in low-light conditions.

Sunrise, Sunset time display

The Sunrise, Sunset time display is a convenient tool for planning climbs.

Large direct buttons

Designed for quick measurement with a single push, the buttons can be operated without taking gloves off.



PRG-300CM-3 [Resin band]



PRG-300CM-4 [Resin band]

PRG-270

Equipped with Tough Solar power and Triple Sensor, Ver. 3.

Triple Sensor, Ver. 3

Altimeter
Barometer/Thermometer
Digital Compass

Tough Solar

100-meter water resistance

[Detailed Specifications] •Full auto LED light (Super Illuminator) •Solar powered •Approx. battery operating time: 8 months (PRG-300), 3 months (PRG-270) (with no exposure to light after full charge) •100-meter water resistance •Digital Compass •Measures and displays direction as one of 16 points •Measuring range: 0 to 359° •Measuring unit: 1° •60 seconds continuous measurement •Graphic direction pointer •Bidirectional calibration •Magnetic declination correction •Bearing memory •Altimeter •Measuring range: -700 to 10,000 m (-2,300 to 32,800 ft.) •Measuring unit: 1 m (5 ft.) •Manual memory measurements (up to 30 records, each including altitude, date, time) •Auto log data (High/Low altitudes, auto cumulative ascent and descent) •Trek log data (up to 14 records of high/low altitudes, auto cumulative ascent and descent of particular treks) •Relative altitude readings (-3,000 to 3,000 m) •Changeover between meters (m) and feet (ft.) •Barometer •Display range: 260 to 1,100 hPa (2.65 to 32.45 inHg) •Atmospheric pressure tendency graph •Atmospheric pressure differential graphic •Barometric pressure tendency information alarm (beep and arrow indicate significant changes in pressure) •Changeover between hPa and inHg •Thermometer •Display range: -10 to 60°C (14 to 140°F) •Display unit: 0.1°C (0.2°F) •Changeover between Celsius (°C) and Fahrenheit (°F) •Low-temperature resistant (-10°C/14°F) •World Time: 31 time zones (48 cities + coordinated universal time), Daylight saving on/off •Sunrise, Sunset time display •1/10-second stopwatch •Countdown timer •5 daily alarms •Hourly time signal •Battery level indicator •Power save function •Full auto-calendar (to year 2099) •Button operation tone on/off



PRG-270-1 [Resin band]



PRG-270-1A [Resin band]



PRG-270D-7 [Stainless steel band]

PRG-240

Dual-layer LCD permitting varied displays of measurement and other data.

- Altimeter
- Barometer / Thermometer
- Digital Compass
- TOUGH SOLAR**
- 100-meter water resistance

PRG-280

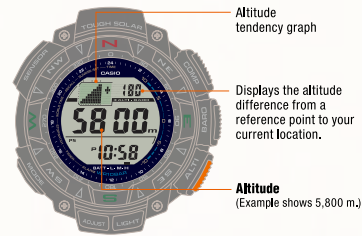
Twin Sensor and 200-meter water resistance support wide-range activities.

- Thermometer
- Digital Compass
- 200-meter water resistance

Triple Sensor

Triple Sensor models are equipped with atmospheric pressure/altitude, temperature and direction sensors.

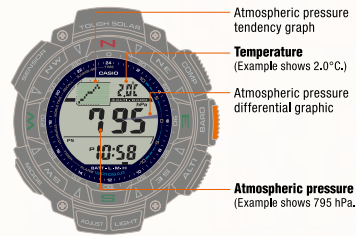
Altimeter



- Altitude tendency graph
- Displays the altitude difference from a reference point to your current location.
- Altitude (Example shows 5,800 m.)

*Graphic display of recent altitude tendencies based on automatic measurements taken every 2 minutes (or 5 seconds)

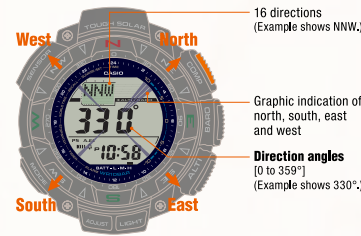
Barometer / Thermometer



- Atmospheric pressure tendency graph
- Temperature (Example shows 2.0°C.)
- Atmospheric pressure differential graphic
- Atmospheric pressure (Example shows 795 hPa.)

*The Barometer measures the atmospheric pressure every two hours automatically and displays the recent atmospheric pressure trend and current pressure graphically.
*The Thermometer employs a digital sensor to keep you informed of the temperature wherever you go.

Digital Compass



- 16 directions (Example shows NNW.)
- Graphic indication of north, south, east and west
- Direction angles [0 to 359°] (Example shows 330°.)

*Bearing memory function for storing to a target bearing
*Magnetic declination correction function for adjusting the bearing standard from "magnetic" to "true" north

Dual-layer LCD

The dual-layer LCD displays data of various kinds, enabling graphic display of the results compiled by multiple functions.

Solar-powered (Tough Solar)

This solar-powered battery-recharging system ensures stable operation even when using power-hungry functions.

Full auto EL light

The light senses illumination levels and switches on automatically with just a tilt of the wrist.

Sunrise, Sunset time display

The Sunrise, Sunset time display is a convenient tool for planning climbs.



- Current time (Flashing)
- Current date
- Sunset time (24-hour format)
- Sunrise time (24-hour format)
- Sunrise time
- Sunset time

100-meter water resistance

Large direct buttons

The oversized buttons permit one-push measurement.

Register ring for bearing readings

[Detailed Specifications] •Full auto EL light •Solar powered *Approx. battery operating time: 6 months (with no exposure to light after full charge) •100-meter water resistance •Digital Compass -Measures and displays direction as one of 16 points -Measuring range: 0 to 359°-Measuring unit: 1° -20 seconds continuous measurement -Graphic direction indicator -Bidirectional calibration and northerly calibration function -Magnetic declination correction -Bearing memory •Altimeter -Measuring range: -700 to 10,000 m (-2,300 to 32,800 ft.) -Measuring unit: 5 m (20 ft.) -Manual memory measurements (up to 25 records, each including altitude, date, time) -High altitude / Low altitude memory -Total Ascent / Descent memory -Reference altitude setting -Altitude tendency graph -Altitude differential *Changeover between meters (m) and feet (ft.) •Barometer -Display range: 260 to 1,100 hPa (7.65 to 32.45 inHg) -Atmospheric pressure tendency graph -Atmospheric pressure differential graphic *Changeover between hPa and inHg •Thermometer -Display range: -10 to 60°C (14 to 140°F) -Display unit: 0.1°C (0.2°F) *Changeover between Celsius (°C) and Fahrenheit (°F) •Low-temperature resistant (-10°C/14°F) •World Time: 31 time zones (48 cities + coordinated universal time), Daylight saving on/off •Sunrise, Sunset time display •1/100-second stopwatch •Countdown timer •5 daily alarms •Hourly time signal •Battery level indicator •Power Save function •Full auto-calendar (to year 2099) •Button operation tone on/off



PRG-240-1 [Resin band]



PRG-240T-7 [Titanium band]

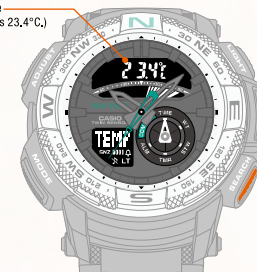
Twin Sensor

Equipped for both direction measurements (with the second hand pointing north) and temperature measurements. Clear measurement readings are displayed on the LCD and by the analog inset dial hand.

Thermometer

Temperature measurement range -10 to 60°C (14 to 140°F)

Temperature (Example shows 23.4°C.)

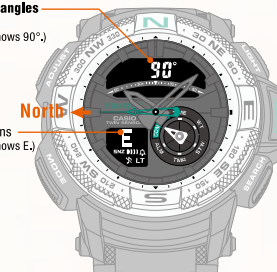


Digital Compass

20-second continuous direction measurement

Direction angles [0 to 359°] (Example shows 90°.)

16 directions (Example shows E.)



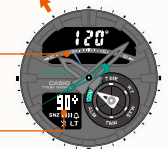
Bearing memory

Destination bearing recorded and displayed graphically

Recorded destination bearing displayed

Destination bearing (Target direction bearing left 30°)

Recorded destination direction angle (Example shows 90°)



Register ring for bearing readings



Super Illuminator

The brilliant light makes information clearly legible even in the dark.



Multi-layer dial

3D hour markers and a recessed LCD and inset dial enhance visibility.



200-meter water resistance for various outdoor activities



[Detailed Specifications] •Auto LED light (Super Illuminator) •200-meter water resistance •Digital Compass -Measures and displays direction as one of 16 points -Measuring range: 0 to 359° -Measuring unit: 1° -20 seconds continuous measurement -Hand indication of north -Bidirectional calibration -Magnetic declination correction -Bearing memory •Thermometer -Display range: -10 to 60°C (14 to 140°F) -Display unit: 0.1°C (0.2°F) *Changeover between Celsius (°C) and Fahrenheit (°F) •Low-temperature resistant (-10°C/14°F) •World Time: 31 time zones (48 cities + coordinated universal time), Daylight saving on/off •1/100-second stopwatch •Countdown timer •5 daily alarms •Hourly time signal •Full auto-calendar (to year 2099) •Button operation tone on/off



PRG-280-1 [Resin band]



PRG-280D-7 [Stainless-steel band]

Altimeter

[Except PRG-280]

Measuring altitudes based on changes in atmospheric pressure

The altimeter determines the altitude at your current location based on accumulated atmospheric pressure changes measured by the pressure sensor. Setting the altimeter at a location where you know the precise altitude before starting your ascent enables it to take even more precise altitude measurements.

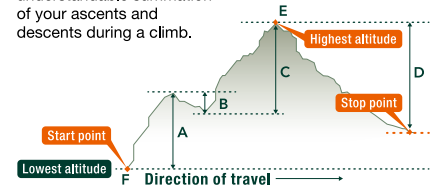


Sea level measurement

Setting the altimeter at a location where you know the precise altitude enables you to determine the elevation of your current position with respect to sea level. If you come across a marker indicating 400 meters above sea level while hiking or climbing, for example, simply set the altimeter at 400 meters. This enables you to obtain more accurate readings with respect to sea level when you take subsequent measurements after moving on.

Altitude memory

The altitude memory stores data on the month, date, time and results of altitude readings taken automatically at regular intervals and displays the highest and lowest altitudes measured as well as the cumulative ascent/descent altitude and relative altitude. This data provides an easily understandable summation of your ascents and descents during a climb.



- **Cumulative ascent altitude** : total of ascent altitudes (A + C)
- **Cumulative descent altitude** : total of descent altitudes (B + D)
- **Highest altitude** : altitude measured at the highest point E among all readings during memory measurement

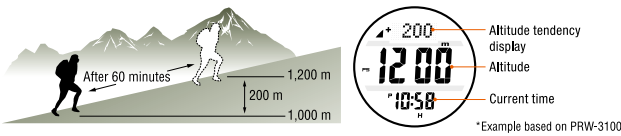
Altitude memory functions

	PRW-6000	PRW-3500/3100/3000	PRG-300/270	PRG-240
Auto cumulative altitude memory	●	●	●	●
Manual altitude memory	●	●	●	●
Auto altitude memory	●	●	●	×
Highest/lowest altitudes	●	●	●	●
Highest/lowest altitudes to date	●	●	●	●
Cumulative ascent/descent altitudes	●	●	●	●
Sum of cumulative ascent/descent altitudes	●	●	●	●

- **Lowest altitude** : altitude measured at the lowest point F among all readings during memory measurement
- **Highest/lowest previous record altitudes**
- **Sum of cumulative ascent/descent altitudes** : computed repeatedly at time of memory measurements between 0 and 99,995 meters

Altitude differential display

Checking against contour lines on a map enables you to confirm your cumulative ascents/descents. Determining the height of your hourly ascents by resetting the altitude differential display once an hour can be helpful in establishing a reasonable climbing plan, for example.



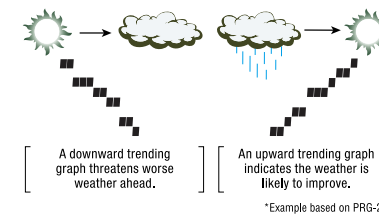
*These measurement functions are not intended for use as professional measuring instruments. Please use the measured data for reference purposes only.

Barometer

[Except PRG-280]

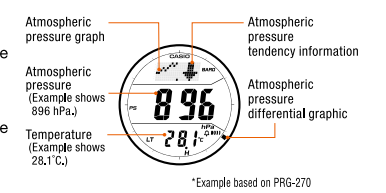
Forecasting the weather based on the atmospheric pressure tendency

A graphic display of atmospheric pressure readings taken at regular intervals reveals pressure trends at a glance. When the pressure is rising, the weather is likely to improve; when it's falling, there's usually worse weather ahead. This feature can remind you to take your swimming suit along, or alert you to approaching trouble.



Atmospheric pressure tendency graph/ Atmospheric pressure tendency indicator

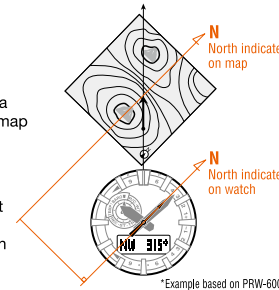
The barometer measures the atmospheric pressure every two hours automatically and displays the recent atmospheric pressure tendency and the current pressure graphically.



Digital Compass

Aligning a map with the surrounding terrain

If you determine magnetic north with the direction measurement function and place a map beside your watch, you can align the map with the surrounding geography.

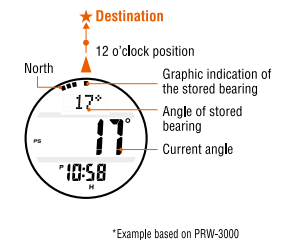


Magnetic declination correction

You can change the direction measurement standard from "magnetic north" to "true north" by inputting the magnetic declination data indicated on a topographical map to correct the direction.

Bearing Memory [Except PRW-6000]

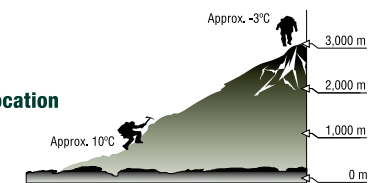
The Bearing Memory memorizes directions detected by the direction measurement function and displays them continuously in graphic format. You can travel straight toward your destination by following a course determined with the memorized direction displayed steadily in the 12 o'clock position on your watch face. This capability also comes in handy when visibility is low due to such factors as trees or fog.



Thermometer

Predicting your destination temperature based on the temperature at your current location

The temperature generally decreases by approximately 6.5°C with every increase in altitude of 1,000 meters, or 3.6°F with every increase of 1,000 feet. If the temperature at 1,000 meters is 10°C, therefore, the temperature at 3,000 meters will probably be about -3°C.



Solar-powered (Tough Solar) [Except PRG-280]

This proprietary CASIO solar-powered battery-recharging system assures stable operation of various power-hungry functions, including dial lighting, alarms, stopwatches and measurement functions.

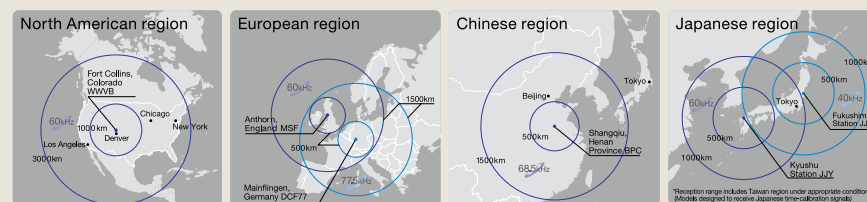


Stable operation of such varied high-load functions as the following:

- Radio wave reception
- Time setting
- Backlight
- Sensor functions
- Alarm
- Stopwatch measurement

Radio-controlled (MULTI BAND 6) [PRW-6000/3500/3100/3000]

This radio-controlled timekeeping technology can receive standard time-calibration signals from all 6 transmission stations worldwide and correct the time for the North American, European, Chinese and Japanese regions.



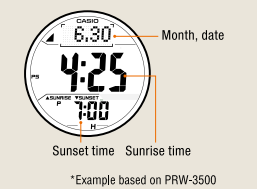
Sunrise, Sunset time display [Except PRW-6000, PRG-280]

Using Sunset, Sunrise time data to plan climbs

Knowing the time remaining before sunset helps you to schedule climbs to assure a safe descent, for example, or to determine the appropriate time to wake up or pitch a tent.

Fishing during sunrise and sunset hours when the fish are biting

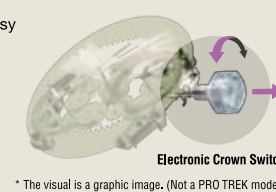
Checking the sunrise and sunset times in advance gives you a good idea of when you can expect the best fishing, so you can make your fishing plans accordingly.



Smart Access [PRW-6000]

Easy control over multiple functions

Smart Access equipped combination model offers easy control by quick-lock crown over operations such as altitude measurement correction and alarm setting. Trouble-free time setting can also be conducted simply by pulling out, rotating and pushing in the crown.



Auto Light Switch

For quick, easy data confirmation, even in the dark or with both hands occupied

You need both hands for many outdoor activities, and you don't always have one free to illuminate your watch face in low-light conditions. The Auto Light Switch solves this problem by illuminating the light whenever you turn your wrist to bring the watch into the viewing position.



Function comparison tables

	PRW-6000	PRW-3500	PRW-3100 / 3000	PRG-300	PRG-270	PRG-240	PRG-280
TRIPLE SENSOR	Digital Compass	●	●	●	●	●	●
	Bearing Memory	-	●	●	●	●	●
	Altimeter	●	●	●	●	●	-
	Cumulative Ascent / Descent Memory	●	●	●	●	●	-
	Barometer	●	●	●	●	●	-
	Atmospheric Pressure Tendency Graph	●	●	●	●	●	-
	Thermometer	●	●	●	●	●	●
	Solar-powered (Tough Solar)	●	●	●	●	●	-
	Radio-controlled (MULTI BAND 6)	●	●	●	-	-	-
	Tough Movement	●	-	-	-	-	-
Smart Access	●	-	-	-	-	-	
Sunrise, Sunset Time	-	●	●	●	●	●	-
World Time	29 time zones (29 cities)	31 time zones (48 cities)	31 time zones (48 cities)	31 time zones (48 cities)	31 time zones (48 cities)	31 time zones (48 cities)	31 time zones (48 cities)
Stopwatch	1/100-second	1/10-second	1/10-second	1/10-second	1/10-second	1/100-second	1/100-second
Alarm	5 daily alarms	5 daily alarms	5 daily alarms	5 daily alarms	5 daily alarms	5 daily alarms	5 daily alarms
Duplex LCD	-	-	-	-	-	●	-
Light	Double LED lights (Full auto LED light)	Full auto LED light	Full auto LED light	Full auto LED light	Full auto LED light	Full auto EL light	Auto LED light
Water Resistant	100-meter	200-meter	100-meter	100-meter	100-meter	100-meter	200-meter
Low-temperature Resistant	-10°C/14°F	-10°C/14°F	-10°C/14°F	-10°C/14°F	-10°C/14°F	-10°C/14°F	-10°C/14°F



Solar-powered (Tough Solar)

This proprietary CASIO solar-powered battery-recharging system assures stable operation of various power-hungry functions, including dial lighting, alarm, stopwatch and measurement functions.



Radio-controlled (MULTI BAND 6)

This radio-controlled timekeeping technology can receive standard time-calibration signals from all 6 transmission stations worldwide and correct the time for the Japanese, North American, European and Chinese regions.



Tough Movement

This radio-controlled, solar-powered analog movement deploys four cutting-edge functions to boost the reliability of the radio-controlled, solar-powered watch.

- Radio-controlled (MULTI BAND 6) ●Solar-powered (Tough Solar) ●Hybrid Mount Construction ●Auto Hand Home Position Correction



Smart Access

Smart Access makes it easy to operate CASIO's multi-function watches. Simply pulling out and rotating the crown provides intuitive control over World Time city selection and various other functions.