

## Function comparison tables

[illegible]

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Printed in Japan  
BS1609-026001A

PRG-600, PRW-6100

**[Detailed Specifications]** • 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). Others: Relative altitude readings (>100m ±1000m), Selectable measurement interval: 5 seconds or 2 minutes • Second for first 3 minutes only "Changeover between meters (m) and feet (ft)" • Barometer: Display range: 260 to 101 hPa (7.65 to 32.45 inches Hg) • Pressure sensor: Measurement range: 260 to 101 hPa (7.65 to 32.45 inches Hg) • Temperature sensor: Measurement range: -20 to 60 °C (-4 to 140 °F) • Alarm function (alarm beep and/or alarm indicates significant changes in pressure) • Changeover between hPa and inch • Thermometer: Display range: 10 to 100 °F (14 to 140 °F). Display unit: 0.1°C (0.2°F) • Changeover between Celsius (°C) and Fahrenheit (°F) • Hand shift feature (manual or auto during altitude, barometric pressure, and temperature measurement) • Approx. battery operating time: 7 months (PRG-600, 6 months (PRW-610) with no exposure to light after full charge)

PRW-7000

**[Detailed Specifications]** • **Digital compass:** Measures and displays direction as on 16 points. Measuring range: 0 to 359°. Measuring unit: 1°. 60 seconds continuous measurement. Hand indication of north, 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). Hand indication of altitude differential. **Manual memory measurements:** (up to 30 records, each including altitude and time). **Auto log data:** (high/low altitudes, cumulative ascent and descent). **Others:** Relative altitude readings (±100m/±1000ft) • **Selectable measurement interval:** 5 seconds or 2 minutes • **1 second for first 3 minutes** only • **Changeover between meters (m) and feet (ft) or Barometer:** Display can be switched between meters and feet. **Display unit:** • **Pressure:** Measuring range: 980 to 1080 hPa (29.5 to 32.4 inHg). Measuring unit: 1 hPa (0.03 inHg). **Barometric pressure tendency information** (asap and record for first 3 minutes) indicates significant changes in pressure • **Changeover between hPa and inHg** • **Thermometer:** Display range: -10 to 60°C (-10 to 140°F). Display unit: 0.1°C (0.2°F) • **Changeover between Celsius (°C) and Fahrenheit (°F)** • **Hand shift feature** (manual or auto) (during altitude, barometric pressure, and temperature measurement) • **Approx. battery operating time:** 6 months (with no exposure to light after full charge)

PRW-3100/3000/3510, PRG-270

[Detailed Specifications] • Digital Comp: 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), Others: Relative altitude readings (-3,000 to 3,000 m), Selectable measurement interval: 5 seconds or 2 minutes • 1 second for first 3 minutes only • Temperature: Measuring range: -30 to 50°C (-22 to 122°F), Measuring unit: 0.1°C (0.2°F), Measuring method: thermistor • Barometer: Measuring range: 300 to 1,100 hPa (9 to 32 inHg), Measuring unit: 0.1 hPa (0.01 inHg), Measuring method: aneroid • Atmospheric pressure differential graphic, Barometric pressure trending 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)" • Approx. battery operating time: 7 months (PRW-3100-3300/3510), 9 months (PRG-2700) (with no exposure to light after full charge)

PRG-240

**[Detailed Specifications]** • **Digital Comp.** Measures and displays direction as one of 16 points. Measuring range: 0 to 359°. Measuring unit: 1°. 20 seconds continuous measurement. Graphic direction pointer. 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. Others: 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). Display unit: 1 hPa (0.05 inHg). Atmospheric pressure tendency graph. Atmospheric pressure differential graph\* 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) • **Approx.** battery operating time: 6 months (with no exposure to light after full charge)

**CASIO**



protrek.com

**CASIO**  
CASIO COMPUTER CO., LTD.  
Tokyo, Japan

<http://www.casio-watches.com/>





## Feel the Field

With Triple Sensor technologies that sense changes in natural phenomena, direct measurement buttons assuring easy usability, a face permitting at-a-glance checking of results, and other designs and functions optimized for professional use, PRO TREK continues its remarkable evolution.

PRO TREK's development as genuine outdoor gear advances without a pause.



# 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.

## On safari on a wild plain

Outdoor gear built to support men who challenge nature.



PRG-600

## To the mountains, river or sea

Expand your field of activity with a 200-meter water resistant model.



| Multi-Field Line |  
PRW-7000/PRW-3510

## Go even higher

Genuine outdoor gear specifications to support climbers every inch of the way.



PRW-6100/PRW-3100

## Start your climb

Your lifetime of challenging mountains is about to begin.



PRG-240/PRG-270



# PRG-600

Triple Sensor, Ver.3 + Safari concept design

## Triple Sensor, Ver.3

Altimeter

Barometer/Thermometer

Digital Compass

Smart Access

TOUGH SOLAR

[ 100-meter water resistance ]



PRG-600Y-1  
[Dura-soft band]



PRG-600YB-3  
[Cloth band]

PRG-600-1  
[Dura-soft band]

## FUNCTIONS

### Triple Sensor, Ver.3

#### 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 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 differential indicator  
(Example shows -3 hPa.)

Temperature  
(Example shows 26.4°C.)

Atmospheric pressure tendency graph

Atmospheric pressure  
(Example shows 1,013 hPa.)



#### Digital Compass

60-second continuous direction measurement

16 directions  
(Example shows NW.)

Direction angles  
(Example shows 315°.)



### Hand-concealment function

Hands momentarily move away from digital readouts when you check displayed readings.



### Double LED light (Full auto LED light)

A pair of LED lights provides bright illumination for the hands and LCD to assure visibility in the dark.



### Solar-powered (Tough Solar)

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

### Smart Access

Simple electronic crown operation realizes intuitive control of multiple functions.

### World time for 29 cities including Kathmandu, Nepal

## DESIGN

### High-visibility face design

The beige index provides a bold contrast that's easy on the eyes. Large hands and oversized 3D hour markers make visibility even clearer.

### Moveable lugs

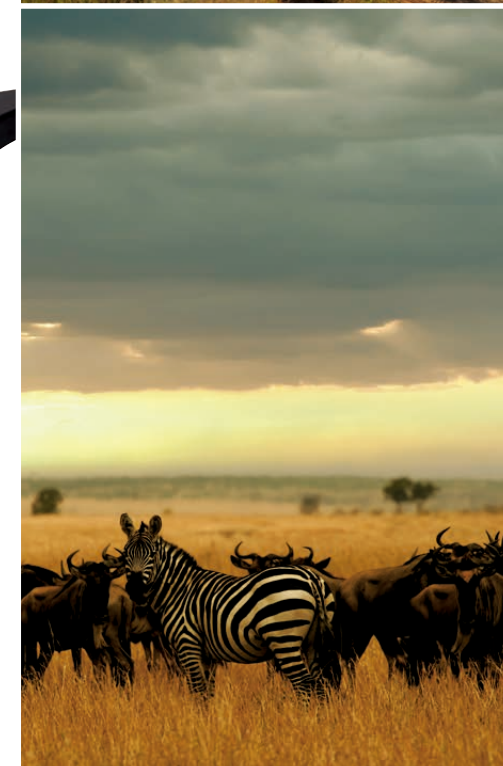
Moveable lugs connecting the band to the case assure a comfortable fit on the wrist.

### Dura-soft band (PRG-600/600Y)

Despite the bands soft feel that's made by silicon, it remains highly resistant to tearing and abrasion.

### Cloth band (PRG-600YB)

The khaki cloth band is coordinated with the safari styling.





Multi-Field Line

# PRW-7000

Triple Sensor, Ver.3 with Analog indicator  
+ 200-meter water resistance

## Triple Sensor, Ver.3

Altimeter Barometer/Thermometer Digital Compass

Smart Access MVT TOUGH SOLAR WAVE CEPTOR

[ 200-meter water resistance ]



PRW-7000-1B  
[Carbon-fiber insert band]



PRW-7000FC-1  
[Field composite band]



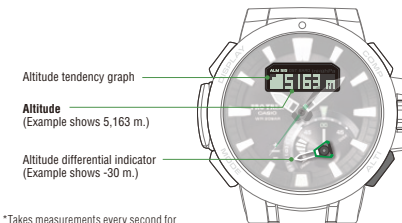
PRW-7000-1A  
[Carbon-fiber insert band]

## FUNCTIONS

### Triple Sensor, Ver.3

#### Altimeter

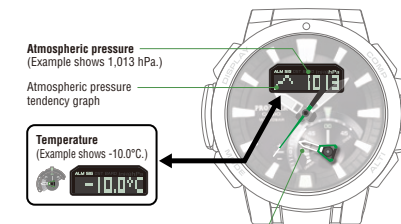
Altitude measurement interval 1 sec.\*  
Measurement unit 1 m



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

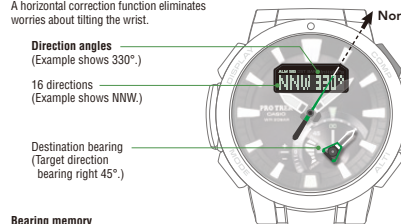
#### Barometer/Thermometer

Sudden atmospheric pressure change alarm



#### Digital Compass

60-second continuous direction measurement  
A horizontal correction function eliminates worries about tilting the wrist.



### Hand-concealment function

Hands momentarily move away from digital readouts when you check displayed readings.

### Neon Illuminator / Phosphorescent processing/ LED light

Phosphorescent processing is applied to the hands and the top surfaces of the hour markers, which are made of a material that reacts to black light. A special fluorescent ink is printed on the retrograde hand, moreover, so that the hour markers and hands float up when the LED light is turned on in the dark.



### Tide Graph / Moon Data / Fishing Time

The moon age and tidal movements can be displayed for any date. Anglers appreciate the Fishing Time function, which displays the best times for fishing on a selected day.



Tide Graph



Moon Data



Fishing Time

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

Converts light into power to ensure stable operation, and receives time-calibration signals from six transmission stations to correct the time automatically.

### Smart Access

Simple electronic crown operation realizes intuitive control of multiple functions.

200-meter water resistance for various outdoor activities

Sunrise, sunset time display

World time for 48 cities including Kathmandu, Nepal

## DESIGN

### High-contrast face design

Large, white 3D hour markers and white hands are set against the black dial in the interest of visibility.

### Retrograde hand

A retrograde hand serves as an indicator for the Tide Graph, bearing memory, pressure and altitude differential. A high-speed, bidirectional dual-coil motor drives a variety of intriguing hand movements.

### Carbon-fiber insert band [PRW-7000]

Carbon fiber is molded into the urethane resin band material to assure high strength and durability.

### Field composite band [PRW-7000FC]

This band is made of urethane components that have metal inserts, and fine resin components. A double-lock buckle has a slide adjustment mechanism.





Multi-Field Line

# PRW-3510

Triple Sensor, Ver.3

+ 200-meter water resistance

Triple Sensor, Ver.3

Altimeter Barometer/Thermometer Digital Compass

TOUGH SOLAR WAVE CEPTOR

[200-meter water resistance]



PRW-3510Y-1  
[Dura-soft band]



PRW-3510FC-1  
[Field composite band]

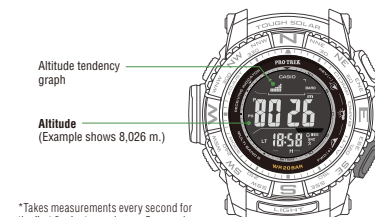
PRW-3510-1  
[Dura-soft band]

## FUNCTIONS

### Triple Sensor, Ver.3

#### Altimeter

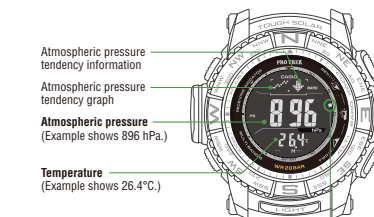
Altitude measurement interval 1 sec.\*  
Measurement unit 1 m



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

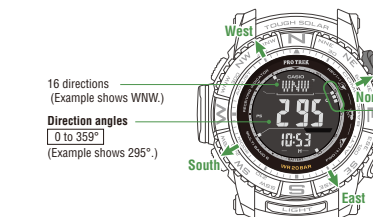
#### Barometer/Thermometer

Sudden atmospheric pressure change alarm



#### Digital Compass

60-second continuous direction measurement



Graphic indication of north, south, east and west

### 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.

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

Converts light into power to ensure stable operation, and receives time-calibration signals from six transmission stations to correct the time automatically.

### 200-meter water resistance for various outdoor activities

### Sunrise, sunset time display

### World time for 48 cities including Kathmandu, Nepal



## DESIGN

### Register ring

A register ring for easy recording of target directions is installed, further underscoring outdoor-gear styling.

### Stainless-steel screws

Large screws are employed to attach the band to the case, reinforcing the strength of the connection.

### Large direct buttons

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

### Dura-soft band (PRW-3510/3510Y)

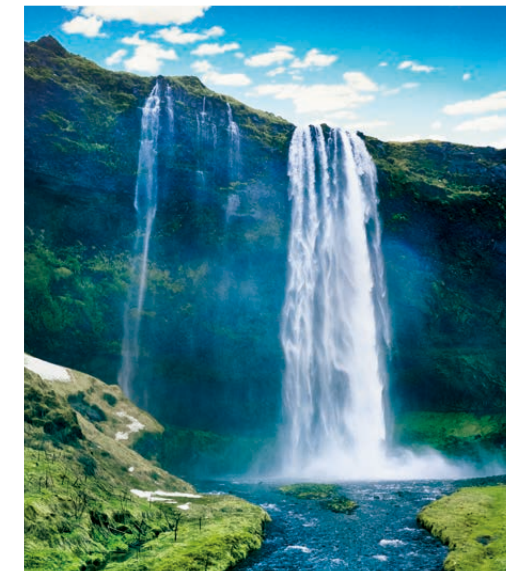
Despite the bands soft feel that made by silicon, it remains highly resistant to tearing and abrasion.

### Field composite band (PRW-3510FC)

This band is made of urethane components that have metal inserts, and fine resin components. A double-lock buckle has a slide adjustment mechanism.

### Sapphire crystal

An abrasion-resistant sapphire crystal assures a clear view of the dial at all times.





# PRW-6100

Triple Sensor, Ver.3 with Analog indicator

## Triple Sensor, Ver.3

Altimeter Barometer/Thermometer Digital Compass

Smart Access Tough MVT Tough Solar Wave Ceptor

[ 100-meter water resistance ]



PRW-6100Y-1  
[Carbon-fiber insert band]



PRW-6100Y-1A  
[Carbon-fiber insert band]



PRW-6100YT-1  
[Solid titanium band]

PRW-6100FC-1  
[Field composite band]

## FUNCTIONS

### Triple Sensor, Ver.3

#### 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 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 differential indicator  
(Example shows -3 hPa.)

Temperature  
(Example shows 26.4°C.)

Atmospheric pressure tendency graph

Atmospheric pressure  
(Example shows 1,013 hPa.)

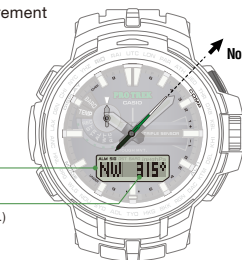


#### Digital Compass

60-second continuous direction measurement

16 directions  
(Example shows NW.)

Direction angles  
(Example shows 315°.)



### Hand-concealment function

Hands momentarily move away from digital readouts when you check displayed readings.



### Double LED light (Full auto LED light)

A pair of LED lights provides bright illumination for the hands and LCD to assure visibility in the dark.



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

Converts light into power to ensure stable operation, and receives time-calibration signals from six transmission stations to correct the time automatically.

### Smart Access

Simple electronic crown operation realizes intuitive control of multiple functions.

## DESIGN

### Dual-layered bezel

A layered bezel structure comprising a colored aluminum ring and stainless steel bezel is adopted.

### Carbon-fiber insert band (PRW-6100Y)

Carbon fiber is molded into the urethane resin band material to assure high strength and durability.

### Slim case & wide face design

### Field composite band (PRW-6100FC)

This band is made of urethane components that have metal inserts, and fine resin components. A double-lock buckle has a slide adjustment mechanism.



### Sapphire crystal (PRW-6100FC/6100YT)

An abrasion-resistant sapphire crystal assures a clear view of the dial at all times.





# PRW-3100

Triple Sensor, Ver.3 + Slim design

## Triple Sensor, Ver.3

Altimeter Barometer/Thermometer Digital Compass

TOUGH SOLAR  
SOLAR POWERED  
WAVE CEPTOR  
WAVE CONTROLLER

[ 100-meter water resistance ]



PRW-3100-6  
[Soft urethane band]



PRW-3100Y-1  
[Soft urethane band]



PRW-3100T-7  
[Solid titanium band]



PRW-3100FC-1  
[Field composite band]

PRW-3100-1  
[Soft urethane band]

## FUNCTIONS

### Triple Sensor, Ver.3

#### Altimeter

Altitude measurement interval 1 sec.\*  
Measurement unit 1 m

Altitude tendency graph  
Altitude  
(Example shows 3,180 m.)



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

#### Barometer/Thermometer

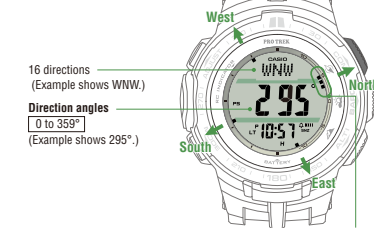
Sudden atmospheric pressure change alarm

Atmospheric pressure tendency information  
Atmospheric pressure tendency graph  
Atmospheric pressure  
(Example shows 896 hPa.)  
Temperature  
(Example shows 28.1°C.)  
Atmospheric pressure differential graphic



#### Digital Compass

60-second continuous direction measurement



Graphic indication of north, south, east and west

### 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.

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

Converts light into power to ensure stable operation, and receives time-calibration signals from six transmission stations to correct the time automatically.

### Sunrise, sunset time display

World time for 48 cities including Kathmandu, Nepal

## DESIGN

### Stainless-steel bezel

The bezel is constructed of stainless steel for greater durability.

### Slim case design

The case has been slimmed to just 12 mm despite the installation of multiple functions.



### Large direct buttons

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

## PRW-3000

Simple bezel design for casual wear anywhere.

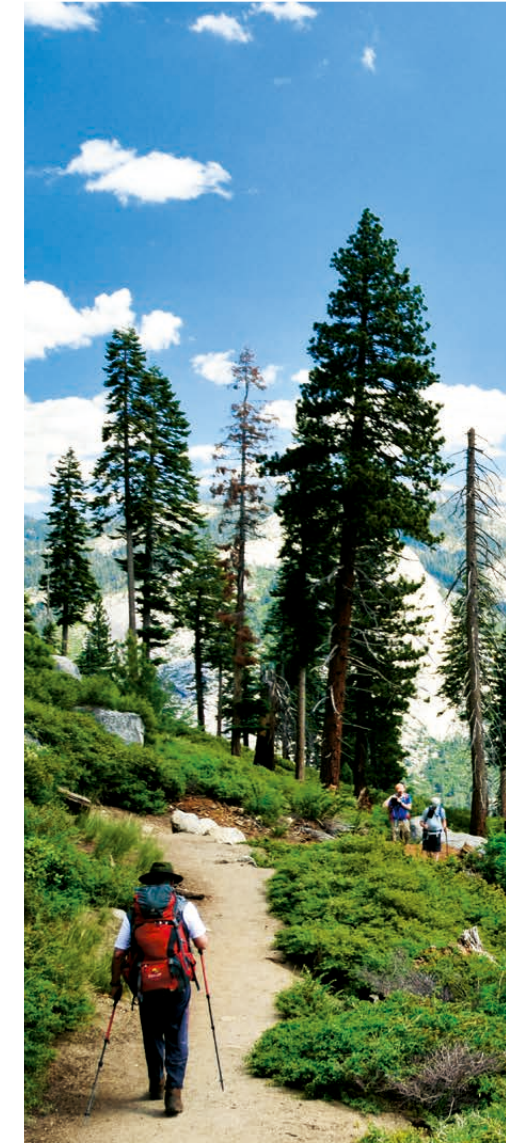
### Triple Sensor, Ver.3

Altimeter  
Barometer/Thermometer  
Digital Compass

TOUGH SOLAR  
SOLAR POWERED  
WAVE CEPTOR  
WAVE CONTROLLER

[ 100-meter water resistance ]

PRW-3000-1A  
[Soft urethane band]





# Blue Moment Series

| PRW-6100YT | PRW-3100YT |

The color scheme represents the natural  
“blue moment” phenomenon,  
when the sky is momentarily dyed blue just  
after dawn and sunset.

## Color concept: Blue Moment

Blue treatment is applied to the bezel engravings and other parts to create a subtle contrast with the black case and band. The blue embellishments recall the “blue moment,” a brief interval in time at dawn and twilight when the surrounding landscape is dyed blue.



## Sapphire crystal

A highly abrasion-resistant sapphire crystal is installed to protect the dial. An alluring blue color is applied to the inner bezel ring with IP (ion plating) processing.



## Dual-layered bezel (PRW-6100YT)

The bezel is distinguished by a two-layer structure. A blue aluminum bezel ring adds an attractive touch of color to the color scheme.



## Solid titanium band

The band is constructed of a lightweight titanium material that eliminates wrist fatigue during long-term wear. Black IP processing applied of the surface produces an alluring radiance.



**PRW-6100YT-1B**  
[Solid titanium band]

**PRW-3100YT-1**  
[Solid titanium band]

# Real Material Series

| PRW-S6100 | PRW-S3100 |

Insistence on materials that provide suitable  
visibility and durability for outdoor use.

## Carbon-fiber insert band

Carbon fiber is molded into the urethane resin band material to assure high strength and durability.



## Sapphire crystal

An abrasion-resistant sapphire crystal assures a clear view of the dial at all times.



**PRW-S6100Y-1**  
[Carbon-fiber insert band]



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

## Real Material Series

This series' commitment to materials is represented by the choice of carbon-fiber insert bands with superior tensile strength and sapphire crystals assuring high visibility.



# PRG-240

Triple Sensor + Dual-layer LCD

## Triple Sensor

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

## Triple Sensor

Equipped with atmospheric pressure/altitude, temperature and direction sensors.

## Sunrise, sunset time display

## World time for 48 cities including Kathmandu, Nepal

## Full auto EL light

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

## Solar-powered (Tough Solar)

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

## Dual-layer LCD

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

## Register ring for bearing readings

## Large direct buttons

# PRG-270

Triple Sensor, Ver.3

## Triple Sensor, Ver.3

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

## Triple Sensor, Ver.3

Miniature built-in sensors take high-precision measurements.

**Altimeter:** Measures altitudes to the nearest meter at 1-second intervals (for first 3 minutes only).

**Digital Compass:** Measures bearings continuously for 60 seconds.

**Barometer/Thermometer:** Sudden atmospheric pressure change alarm.

## Sunrise, sunset time display

## World time for 48 cities including Kathmandu, Nepal

## 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.

## Solar-powered (Tough Solar)

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

## Large direct buttons



PRG-270-1  
[Resin band]



PRG-240-1  
[Resin band]



PRG-240T-7  
[Solid titanium band]

# PRO TREK AMBASSADORS

PRO TREK supports professionals engaged in a diverse range of activities.



## ERIC JACKSON

Professional Kayaker

Eric's athletic accolades are like none other in the sport of whitewater kayaking. He is a 4 time world champion, Olympian, World Cup and Pre-World Champion (2 times), and has over a hundred wins under his belt in many disciplines. Freestyle, Extreme Racing, Slalom and Boatercross have been dominated for decades by EJ.



## ZAHAN BILLIMORIA

Mountain Guide

Born in Switzerland of Indian parents. When he was 15 he took his still nascent climbing skills to the high peaks of the Mt. Blanc massif and was benighted while climbing the Aiguille du Midi in winter. Today he calls the Tetons his home where he works for Jackson Hole Mountain Resort, and as an Exum Mountain Guide.



## KEVIN RICHARDSON

South African animal behaviorist

Born in South Africa on October 8, 1974, Kevin Richardson is a South African animal behaviorist who has worked extensively with native animals of Africa. He has presented and produced several documentaries that detail his relationships with the animals and highlight the plight of lions both in captivity and in the wild.



## LANDON MAYER

Fly Fishing Guide

Landon Mayer is fly fishing guide in the Florissant, CO area, calling the South Platte River his home waters. He has been guiding on these waters for fifteen plus years, as well as one year in Alaska. He is sharing his techniques and secrets in a lot of books, magazines and DVDs.



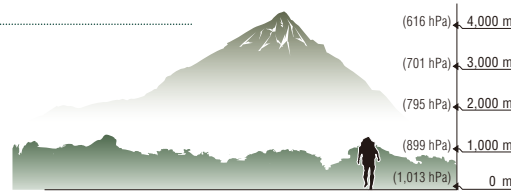
# Functions

## Triple Sensor

### Altimeter

#### Measuring altitudes

Altitude measurements are determined based on degrees of change in atmospheric pressure. Using an altitude marker or other signpost as a reference after correcting the altitude can contribute to greater measurement accuracy.

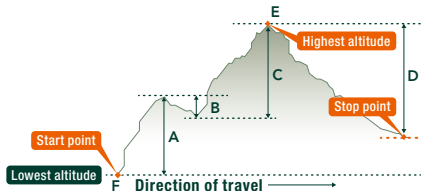


#### Altitude memory

Altitude measurements can be taken automatically during a climb, and various data stored in memory. The recorded memories are useful for creating climbing records and managing data.

##### Altitude memory functions

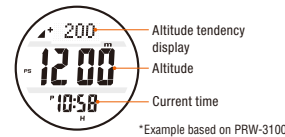
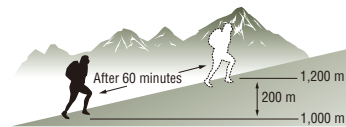
	PRG-600	PRW-7000	PRW-3510	PRW-6100	PRW-3100/3000	PRG-240	PRG-270
Auto cumulative altitude memory	●	●	●	●	●	●	●
Manual altitude memory	●	●	●	●	●	●	●
Auto altitude memory	●	●	●	●	●	×	●
Highest/lowest altitudes	●	●	●	●	●	●	●
Highest/lowest altitudes to date	●	●	●	●	●	●	●
Cumulative ascent/descent altitudes	●	●	●	●	●	●	●
Sum of cumulative ascent/descent altitudes	●	●	●	●	●	●	●



- **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
- **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

Resetting the altitude difference display at preset intervals during a climb enables you to monitor the pace of your ascent. This provides useful information for formulating a reasonable climbing plan.



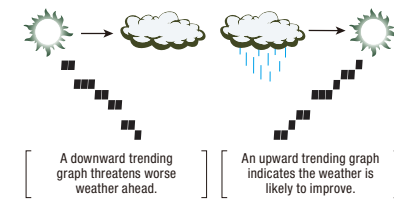
\*Example based on PRW-3100

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

### Barometer

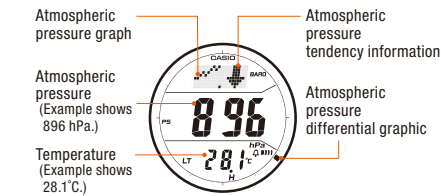
#### Forecasting the weather

Upcoming weather can be predicted based on the tendency of changes in air pressure. This helps climbers in determining the timing of their descent and selecting the safest route.



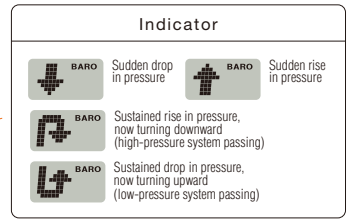
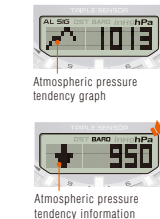
\*Example based on PRG-240

#### Atmospheric pressure tendency graph/indicator



\*Example based on PRG-270

#### Atmospheric pressure tendency alarm



### Digital Compass

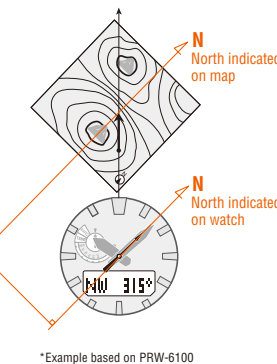
#### Aligning a map with the surrounding terrain

#### Magnetic declination correction

You can change the direction measurement standard from "magnetic north" to "true north" by inputting the magnetic declination data.

#### Auto horizontal compensation [ PRW-7000 ]

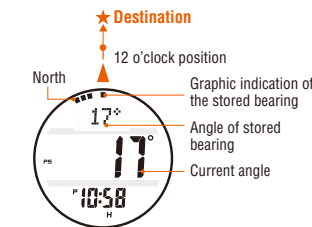
A built-in tilt sensor detects inclinations of the watch and corrects the angle to horizontal. This means you can take accurate directional measurements without worrying about your wrist being tilted.



\*Example based on PRW-6100

#### Bearing Memory [ Except for PRW-6100/PRG-600 ]

Once your target direction is set at 12 o'clock, the same direction is continuously displayed graphically. This enables you to keep on moving toward your goal in low-visibility conditions.

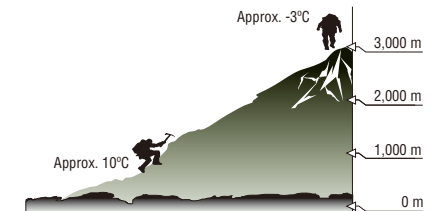


\*Example based on PRW-3100

### Thermometer

#### Predicting your destination temperature

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





# Functions

## Other Functions

### Solar-powered (Tough Solar)

#### TOUGH SOLAR SOLAR POWERED

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

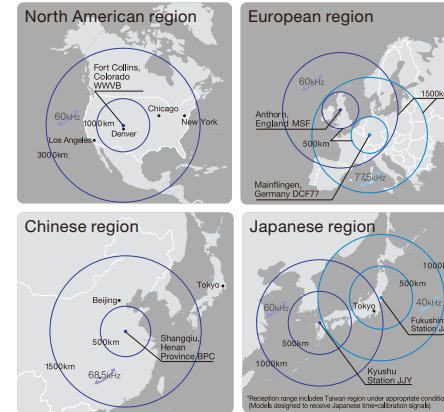


### Radio-controlled (MULTI BAND 6) [ Except PRG-600/240/270 ]

#### WAVE CEPTOR RADIO CONTROLLED



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



### Tough Movement [ PRW-7000/6100 ]



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



• Radio-controlled (MULTI BAND 6)



• Hybrid Mount Construction



• Solar-powered (Tough Solar)



• Auto Hand Home Position Correction

### Smart Access [ PRG-600, PRW-7000/6100 ]



Simple electronic crown operation realizes intuitive control of multiple functions.



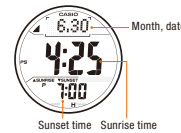
Electronic Crown Switch

\* The visual is a graphic image. (Not a PRO TREK model)

### Sunrise, Sunset time display

[ Except PRW-6100/PRG-600 ]

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



### World Time

World Time displays the time in any of the world's major cities, including Kathmandu, Nepal, home to eight 8,000-meter peaks. This function proves especially handy when traveling internationally.

### Tide graph / Moon data

[ PRW-7000 ]

The tidal movements and moon age can be displayed for any date. This data is helpful when planning marine activities such as fishing or sea kayaking.



Tide Graph



Moon Data

\*Example based on PRW-7000

### Fishing time

[ PRW-7000 ]

The best times for fishing during a selected day are displayed on the LCD based on the correlation between the moon age and position of the moon (hour angle), which influences the activity of fish.



Fishing Time

\*Example based on PRW-7000

### Auto light switch

Just a tilt of the wrist ignites the dial light. The full auto light stays off in brightly lit surroundings to avoid wasteful power consumption.



\* Images show PRW-3000.