

DISPLAY AND EDIT FUNCTIONS

**Duplex LCD**

Two liquid crystal panels make it possible to select from among different display patterns.

**Neobrite**

A luminous coating provides long-term illumination in the dark after only short exposure to light.

**LED Indicator**

An LED flashes when the time has arrived for an alarm, a countdown or an hourly signal.

**Edit Mode**

In the “Edit Mode” various settings such as 12/24-hour format, button operation and alarm tones, animations, or display design may be selected.

PHYSIOLOGICAL CONTROL FUNCTIONS

**Heart Rate Monitor**

A chest belt is used to measure the current heart rate and transmit it to the watch. The heart rate is displayed in beats per minute (bpm).

**Calorie Measurement**

The number of calories consumed is calculated and displayed.

**Target Heart Rate Alarm**

An alarm sounds when the pre-defined target heart rate is reached.

**Heart Rate Percentage Display**

This display reveals the percentage of the current heart rate versus the maximum heart rate.

**Wireless Data Transmission**

The data are transmitted wirelessly to the watch.

**„Walking“ Function**

A movement sensor in the watch counts the number of steps. By entering personal information and a step length, the distance covered can also be calculated.

STORAGE FUNCTION

**Wrist Remote Controller (Learning function)**

Simply point your remote controller at the watch and press a button to “teach” the watch the required infrared waveform.

**Telememo**

Built-in memory provides storage for names and telephone numbers. The value indicates the maximum number of entries that can be stored.

**e-DATA MEMORY**

Data memory for Web- and e-mail addresses. The figure under the symbol specifies the data storage capacity. The Secret function uses a PIN code to guard against unwarranted access.

**Time Stamp**

Press a button to save the current display along with the time and date. By doing so you will be able to record exactly e. g. the starting and ending of a project. The value indicates the maximum sets that can be saved.

OUTDOOR FUNCTIONS

**Barometer**

A built-in pressure sensor measures barometric pressure, which is shown on the display.

**Thermometer**

A built-in temperature sensor measures the temperature.

**Compass**

A built-in direction sensor detects the magnetic north.

**Altitude Measurement**

A built-in pressure sensor measures barometric pressure, which is converted to relative altitude. The figure under the symbol indicates the maximum measurable altitude.

**Altitude addition**

The altitude addition function counts all the metres that have been ascended, giving you the difference between the starting and stopping altitude at a glance.

**Altimeter data memory**

Depending on the model, up to 40 sets of elevation data can be stored in the watch's data memory and re-accessed at any time. Each of these data sets consists of a measured altitude as well as the date and time. In addition to the individual altitudes, the maximum and minimum altitudes during a measurement are also stored.

**Moon Age Display**

Moon age and phase are shown on the display based on your current latitude and longitude.

**Tide Graph Display**

Tidal movements are displayed graphically based on your current latitude and longitude, and the lunital interval.

**Sunrise/Sunset Display**

Sunrise and sunset times are displayed based on your current latitude and longitude.

**Simple Direction Finder**

The press of a button displays a degree value. If you align the bezel towards this degree value, you can easily read North, East, South and West from the display.

**Fishing Timer**

The best times for fishing are displayed via fish symbols.

CALCULATION FUNCTION

**8-digit Calculator**

Various mathematical calculations using values up to eight digits long.

**Currency converter**

Foreign currency translations are calculated according to predefined exchange rates.

**Slide rule function**

By means of the slide rule function various calculations are possible, e.g. flight distance, speed, or fuel consumption. The slide rule function is mostly used on aviator watches.

SPECIAL TIME FUNCTIONS

**World Time**

Displays the current time in major cities and specific areas around the world.

**Dual Time**

Simultaneous display of the current time in two different time zones.

**Adjustable time zones**

This radio-controlled watch has four adjustable time zones.

**12/24-hour Timekeeping**

Times can be displayed in either a 12-hour or 24-hour format.

STOPWATCH FUNCTIONS

**Referee function (referee stop watch)**

By using the referee function you can determine the amount of injury time. The actual amount of playing time and the total time is displayed simultaneously.

**Rally Timer**

Keep track of time. In rally sport, every second counts: The rally timer can help you reach the goal within a predefined time. Two functions (stopwatch and countdown timer) work alongside and are displayed simultaneously on the display. While the stopwatch measures the passing of time, the countdown timer shows how much time is left from the start to reach the goal within the predefined time. An acoustic signal will sound every second for the last 10 seconds until the countdown time runs out.

**Pacemaker (distance)**

An individually adjustable progression of signals helps you maintain your running rhythm. Just enter the length of your stride, additionally you will be given the approximate distance covered.

**Marathon Simulator**

Uses your best time at 5 or 10 km to simulate the time required for a full marathon.

COUNTDOWN TIMER

**Countdown Timer**

A stopwatch that counts backwards: When 0 minutes, 0 seconds is reached, the timer emits a 10-second signal tone.

**Countdown Timer with automatic repeat function**

As soon as the countdown stopwatch reaches 0 minutes and 0 seconds and indicates this by emitting a signal tone, it automatically returns to the preset time value and begins counting backwards again. This function is particularly useful for people who need to take regular medication (e. g. every half hour).

**Yacht Timer**

The yacht timer is used to time the start of regattas. The countdown period can be set from 1 to 10 minutes. An acoustic signal is emitted after each minute has elapsed and then once a second for the last ten seconds.

**Timer for measuring intervals**

The timer allows you to define and set up to nine individual countdown times to run successively. This is helpful for things like interval training (e.g. 3 minutes of running, 2 minutes of walking, a 1-minute break).

**Preset Timer**

Allows you to call up and apply preset times for different kinds of sports.

ALARM FUNCTIONS

**Daily Alarm, Hourly Time Signal**

The daily alarm sounds each day at the time you set. The hourly time signal causes the watch to beep every hour on the hour.

**Beeper Alarm**

Beeper tone alarm sounds at the time you set.

**12 daily alarms**

The daily alarm reminds you of events that recur every day, by emitting an audible signal at the set time. This model has over twelve independent alarms that can be used flexibly to remind you of important appointments.

