

CASIO to Release PRO TREK Smart with Color Maps Usable for Up to Three Days

Smaller, Thinner Case for Enhanced Wearability



WSD-F30

Berlin, August 29, 2018 — Casio Computer Co., Ltd. announced today that it will release a new addition to the PRO TREK Smart series of wrist devices for outdoor enthusiasts. The WSD-F30 enables use of offline maps and GPS log recording for up to three consecutive days.*

*Using only GPS log recording and map display function for eight consecutive hours each day and three consecutive days (varies according to use)

In 2016, CASIO marked its entry into the smartwatch market with the release of the WSD-F10 wrist device for outdoor enthusiasts, with water resistance up to 50 meters and environmental durability built to military specifications. The WSD-F10 was built to run Google's Android Wear (now Wear OS by Google) and the device and OS have been evolving together. The following year, CASIO released the PRO TREK Smart WSD-F20 with GPS, which is winning over outdoor enthusiasts and other users with its wearable map functionality.

■ **Extend Mode for using color maps and GPS offline up to three consecutive days**

The new WSD-F30 comes with Extend Mode which enables use of offline color maps and GPS for up to three days on just a single charge. In Extend Mode, time and measurement data is continuously shown on the monochrome display, and a color map can be displayed with a push of button. Extend Mode also conserves energy by switching the operating system to energy-saving stand-by mode on a schedule set by the user. It also ensures optimal power management based on the activity plan, allowing the user to track his or her current location on an offline map and record tracks during activities longer than a single day.

■ **New and improved dual-layer display**

The WSD-F30 features a new and improved dual-layer monochrome and color display. The new color display employs an organic EL display that shows maps and data in finer detail. The layout of the monochrome display now shows more than just the time; it also displays atmospheric pressure/altitude and compass bearing, as befits the PRO TREK outdoor gear brand. The wrist device also comes with Multi Timepiece Mode, an evolution of the popular Timepiece Mode that allows only time data to be shown in monochrome while toggling off smartphone communication and the color display. In addition to the time, Multi Timepiece Mode now shows measurement data such as altitude and atmospheric pressure in monochrome, while still extending battery life without a charge to about a month, like its predecessor. This feature provides useful information for outdoor activities at a glance while conserving energy.

■ **Smaller, thinner case for enhanced wearability**

The inner components have been rearranged to realize a watch case that is 3.9 mm narrower and 0.4 mm thinner than before, for a more compact profile that also looks good on trim wrists. Nano treatment gives the resin bezel a metal-like luster for a luxury feel. The watchband has been improved and is now more flexible and has more holes for greater adjustability and fit.

Model	Color
WSD-F30	Orange, Blue, Black

Available colors



Orange



Blue



Black

Dual-layer display



Color display employing organic EL display



Monochrome display simultaneously displaying time and measurement data (image shows an example of atmospheric pressure/altitude and compass bearing)

Watch case



Nano-treated bezel

Watch face



New watch face "Frontier"

Specifications

Water Resistance	5 bar (50 meters) ^{*1}
Environmental Durability	MIL-STD-810G (United States military standard issued by the U.S. Department of Defense), ^{*2} low-temperature resistance (-10°C)
Display	1.2-inch dual layer display Color OLED (390x390 pixels) and monochrome LCD
Touchscreen	Capacitive touchscreen (anti-fouling coating)
GPS	Compatible (including GLONASS and Michibiki)
Color Maps	Compatible (supports offline use, can save up to five offline maps)
Sensors	Pressure (air pressure, altitude) sensor, accelerometer, gyrometer, compass (magnetic) sensor
Microphone	Yes
Vibrator	Yes
Wireless Connectivity	Bluetooth [®] V4.1 (Low Energy) Wi-Fi (IEEE 802.11 b/g/n)
Buttons	MAP button, Power button, TOOL button
Battery	Lithium-ion battery
Charging Method	Magnetic charging terminal
Recharging Time	Approx. 3 hours at room temperature
Battery Life (When GPS Not in Use)	Normal use (color display): 1.5 days, roughly Multi Timepiece Mode (timekeeping and sensors only) ^{*3} : 1 month, roughly (Varies according to use)
Size of Case	Approx. 60.5 mmx53.8 mmx14.9 mm (HxWxD)
Weight	Approx. 83g (including wristband)
OS	Wear OS by Google
Operating Environment	Wear OS by Google works with phones running Android 4.4+ (excluding Go edition) or iOS 9.3+. Supported features may vary between platforms and countries.

^{*1} Based on in-house test by CASIO.

^{*2} Nine items tested under military specification MIL-STD-810G at National Technical Systems:

• Shock: Tested to meet MIL-STD-810G Method 516.7 Procedure IV. • Vibration: Tested to meet MIL-STD-810G Method 514.7 Procedure I. • Humidity: Tested to meet MIL-STD-810G Method 507.6 Procedure II. • Low pressure transport: Tested to meet MIL-STD-810G Method 500.6 Procedure I. • Low pressure operation: Tested to meet MIL-STD-810G Method 500.6 Procedure II. • High temperature transport: Tested to meet MIL-STD-810G Method 501.6 Procedure I. • Low temperature transport: Tested to meet MIL-STD-810G Method 502.6 Procedure I. • Temperature shock: Tested to meet MIL-STD-810G Method 503.6 Procedure I-C. • Ice accretion: Tested to meet MIL-STD-810G Method 521.4 Procedure I.

(The device has been tested to perform under test conditions, but is not guaranteed to operate under all conditions in actual use. Not guaranteed against damage or accidents.)

^{*3} Wear OS by Google disabled. Battery life may vary depending on use of sensors.

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