

The New Monit G-100+ and G-200+ Models

Introducing the new upgraded Monit G100+ and G200+ Rally Computers. The same simple easy-to-use Monit design, but now with even more powerful hardware and features.

These new models are available for order now and are identified by the addition of the '+' to the model code. The G100+ and G200+ supersede the previously available G100 and G200.



More Powerful Hardware – New GNSS

Internally the Global Navigation Satellite System (GNSS) (which is commonly referred to by people just as 'GPS') has undergone a significant upgrade to allow the Monit to now use 3 co-current satellite systems, GPS, GLONASS and Galileo.

In addition the GNSS hardware now takes even less time to get GPS/GNSS lock and has a stronger signal amplifier to increase sensitivity and ensure the most accurate distance measurement possible using Satellites.

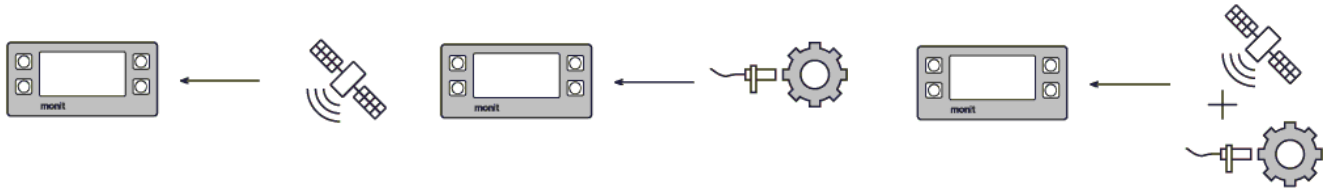


The GPS system in our previous models (G100 and G200) was already the most accurate GPS tripmeter available but the hardware improvements that have been built into the G100+ and G200+ will be significantly noticed by customers in situations where it is difficult to get satellite coverage. In particular, accuracy in the following situations will be greatly improved:

- Narrow valleys
- Tight windy roads with high banks or other tall elements on the road edge.
- Urban canyon situations – when high buildings block satellite visibility
- Tree coverage over roads

It is recommended that if your customers are using a Monit G100 or G200 in any situation where accuracy is very important (e.g. recce – writing pace notes, regularity rallying etc) that they upgrade to the new G100+ or G200+ to take advantage of the superior consistency and accuracy of the improved hardware.

The G100+ and G200+ both retain the ability to switch off the GPS/GNSS and to run from a ground based traditional speed pulse such as; a wheel probe, speed sensor or speed signal from the vehicle. The Monit probes PR001, PR002 and PR003 can assist in generating or connecting to such signal.



New Features

We have closely listened to our customers to introduce a number of features to assist with modern rally and also for regularity and oldtimer rallying.

Calibrate GPS/GNSS to Organisers Distance

A new GPS adjustment feature has been added to allow the customer to 'calibrate' the Monit to the organisers distances when the Monit is running on GPS/GNSS only mode. This means if the organisers have measured their course with a poorly calibrated tripmeter the new G100+ and G200+ can be 'calibrated' in GPS/GNSS mode to match these incorrect distances.

Previously when in the GPS mode only the true distance could be displayed when in GPS only mode.



G200+ Stopwatches and Average Speed

Additional Stopwatch and additional average speed calculators have been added to assist in regularity, classic and oldtimer events.



Customisable Top Display Line

With new ability to select what features to display on the top line (larger) of the display. Current, Speed, Stopwatch 2, Average Speed 2 and Interval Distance Counter are the options allowing the driver and co-driver to setup the Monit to display the most important information for their event, be it for recce, modern rally, old-timer events, regularity tests or other applications such as using the Monit as a speedometer replacement.

Clear Average Speed Updated

For the G200+ the average speed calculator has been updated and now clears instantly on a button press. This is now more suitable and accurate for regularity and old timer tests.

The average speed can now also be cleared using the Auxiliary inputs via a hand remote or foot reset.



Quick Adjust Distance Up and Down

The auxiliary inputs can now be set to adjust the distance up or down. This allows the customer to quickly add or subtract distance from the distance counters. The feature will be useful for many customers but in particular for regularity and oldtimer tests where ensuring that the distance is perfect at each checkpoint is critical. The new premium 3 button hand remote can be used for this feature as well. See below.

New Premium Hand Remote Accessories

Two new accessories will be available from 1st February 2020. They are a 2 button and 3 button premium hand remote.

3 Button Remote

The 3 button premium hand remote (part number AC009) allows the customer to use the Auxiliary input functions of the G100+ and G200+.

In particular is it useful for the new quick adjustment of the distance up and down with the top two buttons, and then the third button can be used to clear the distance or reverse the distance counting. Other functions can be set in the menu as preferred and selected by the customer. The three button functionality only works with the G100+ or G200+



2 Button Remote

The 2 button remote (part number AC010) allows the customer to use the two auxiliary input functions of any Monit Rally Computer, including older models. Note that the Q10 and Q20 only have one auxiliary input but can still use this remote to control one function.

Notes:

It should be noted that the correct Monit antenna must be used with the Monit G100+/200+ to take advantage of the new hardware update and achieve maximum consistency and accuracy. The correct Monit antenna is identified by the sticker with the Monit logo and the text "GPS/GNSS Antenna".

- On the PR004 magnetic antenna this is seen on the base of the antenna.
- On the PR005 bulkhead/screw antenna this is found underneath the rubber base of the antenna. The new Monit antennas have been supplied since the start of 2019 so it is unlikely that you will have any of the old antennas remaining.