ROX

DIFFERENT CHARACTERS. ONE FAMILY.

DIFFERENT CHARACTERS. ONE FAMILY.

SIGMA is adding three new models to its range of ROX GPS bike computers. **ROX 2.0, ROX 4.0, and ROX 11.1 EVO** all feature a number of functions to support recreational and professional bikers on their tours and during training.

ROX 2.0 and ROX 4.0 are equipped with an extra-large, easy-to-read display that enables recreational cyclists to focus on the main thing: having fun cycling. The ROX 11.1 EVO bike computer provides navigation and support to athletes in training with more than 150 functions, making it a perfect training partner for indoor and outdoor bike training. Data analysis on each device is very easy with the SIGMA RIDE app.

# ROX 2.0   ROX 4.0   ROX 11.1 EVO

ROX 2.0
GPS BIKE COMPUTER
FOR BEGINNERS

READY TO GO ANY TIME!

The ROX 2.0 bike computer can be positioned on the handlebars in a few easy steps. There is no need to mount cables or sensors.

After it is switched on, the ROX 2.0 uses GPS and GLONASS to determine the biker's position in seconds. Along with the user-friendly operation with two buttons, this allows a bike tour to be started right away.
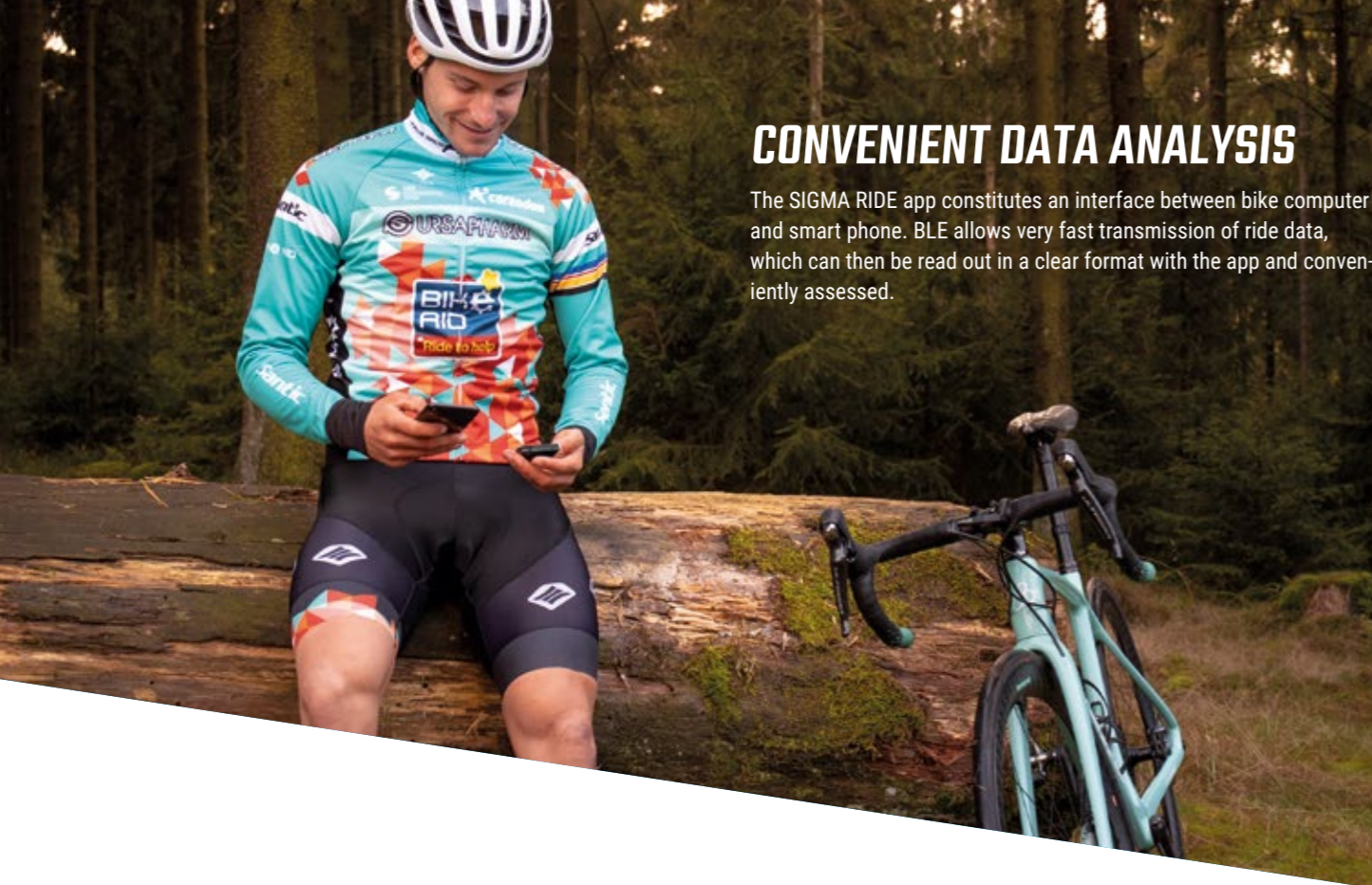
CONVENIENT DATA ANALYSIS

The SIGMA RIDE app constitutes an interface between bike computer and smart phone. BLE allows very fast transmission of ride data, which can then be read out in a clear format with the app and conveniently assessed.

SIMPLE NAVIGATION

The ROX 2.0 bike computer can be connected to the komoot app on a smart phone. Turn-by-turn instructions can be shown as an arrow on the display or inside the Red Circle. This circle on the display is highlighted in colour and shows the distance to the next turn-off as a coloured bar.

komoot

Item no. 01050   RRP: €69.95
ROX 2.0 BLACK scope of delivery
Bike computer, GPS mount,
attachment material, USB-C cable,
quick-start instructions

Item no. 01052   RRP: €74.95
ROX 2.0 TOP MOUNT SET BLACK scope of delivery
Bike computer, USB-C cable,
OVERCLAMP BUTLER GPS,
quick start guide

Item no. 01051   RRP: €69.95
ROX 2.0 WHITE scope of delivery
Bike computer, GPS mount,
attachment material, USB-C cable,
quick-start instructions

Item no. 01053   RRP: €74.95
ROX 2.0 TOP MOUNT SET WHITE scope of delivery
Bike computer, USB-C cable,
OVERCLAMP BUTLER GPS,
quick start guide

LARGE DISPLAY

The ROX 2.0's high-contrast display with its 2.0-inch diagonal and extra-large numbers make it easy to read, even during a ride. With the free SIGMA RIDE app, the computer can be used to set customised display views in just a few clicks.

SMART NOTIFICATIONS

Smart notifications connect bikers to the outside world even during bike tours. Information about incoming calls and messages to the smart phone appear on the display.

E-BIKE-READY

The ROX 2.0 is e-bike-ready and can be easily connected to many e-bikes. The GPS bike computer establishes a connection with the compatible e-bike system and shows the current assist mode, battery status, and light and other data on the display. A compatibility list can be found by following the link on page 22.
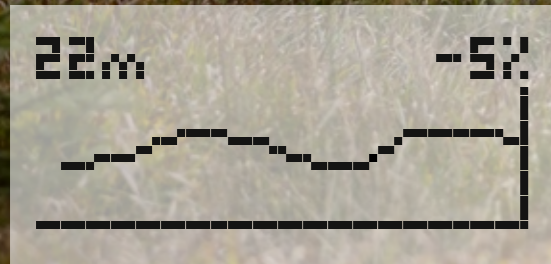
ROX 4.0
GPS BIKE COMPUTER
WITH ALTITUDE MEASUREMENT

EXTRA-LARGE DISPLAY

The ROX 4.0's high-contrast display with its 2.4-inch diagonal and extra-large numbers make it easy to read, even during a ride. With the free SIGMA RIDE app for smart phones, the computer can be used to set individualised display views in just a few clicks – up to six screens can be configured, each with three values. Current speed and time are shown continuously on the display.

UP WHERE THE AIR IS CLEAR

A true highlight of the ROX 4.0 is the integrated air pressure sensor. It uses barometric readings to provide bikers with reliable information about altitude and to determine inclines and declines, allowing the track to be recorded precisely. The ROX 4.0 can also call up a graphical altitude profile. The home altitude at the beginning of the tour can be calibrated automatically from GPS or set manually.

Item no. 01060   RRP: €89.95

ROX 4.0 BLACK scope of delivery
Bike computer, GPS mount, attachment material, USB-C cable, quick-start instructions

Item no. 01061   RRP: €89.95

ROX 4.0 WHITE scope of delivery
Bike computer, GPS mount, attachment material, USB-C cable, quick-start instructions

Item no. 01062   RRP: €129.95

ROX 4.0 HR SET BLACK scope of delivery
Bike computer, USB-C cable, quick-start guide, R1 DUO transmitter and chest strap, OVERCLAMP BUTLER GPS

Item no. 01063   RRP: €129.95

ROX 4.0 HR SET WHITE scope of delivery
Bike computer, USB-C cable, quick-start guide, R1 DUO transmitter and chest strap, OVERCLAMP BUTLER GPS

Item no. 01064   RRP: €189.95

ROX 4.0 SENSOR SET BLACK scope of delivery
Bike computer, USB-C cable, quick-start guide, R1 DUO transmitter and chest strap, OVERCLAMP BUTLER GPS, DUO MAGNETLESS SPEED, DUO MAGNETLESS CADENCE

Item no. 01065   RRP: €189.95

ROX 4.0 SENSOR SET WHITE scope of delivery
Bike computer, USB-C cable, quick-start guide, R1 DUO transmitter and chest strap, OVERCLAMP BUTLER GPS, DUO MAGNETLESS SPEED, DUO MAGNETLESS CADENCE

BEST MEASUREMENTS

External sensors such as speed, heart, and cadence sensors can also be connected to the ROX 4.0, so those who want even more data and even greater value precision can keep an eye on all of them if they wish. ANT+ or BLE is used for this, ensuring maximum compatibility with all sensors.
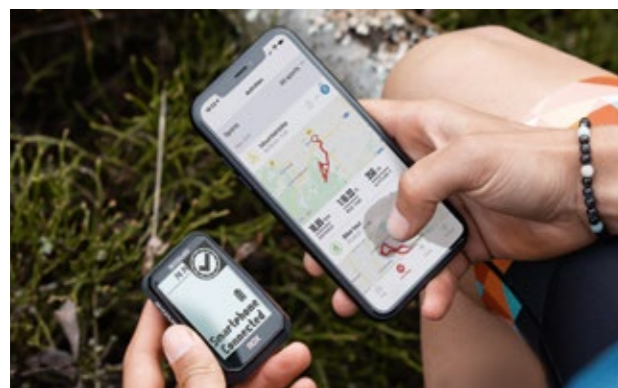
SIGMA RIDE APP

The SIGMA RIDE app constitutes an interface between bike computer and smart phone. BLE allows very fast transmission of ride data, which can then be read out in a clear format with the app and conveniently assessed.

E-BIKE-READY

The ROX 4.0 is e-bike-ready and can be easily connected to many e-bikes. The GPS bike computer establishes a connection with the compatible e-bike system and shows the current assist mode, battery status, and light and other data on the display. A compatibility list can be found by following the link on page 22.

SIMPLE NAVIGATION

The ROX 4.0 bike computer can be connected to the komoot app on a smart phone. Turn-by-turn instructions can be shown either as an arrow on the display or inside the Red Circle. This circle on the display is highlighted in colour and shows the distance to the next turn-off as a coloured bar.

komoot

150+ FUNCTIONS

ROX 11.1 EVO
GPS TRAINING COMPUTER
BROAD RANGE OF FUNCTIONS

FIRST-CLASS FUNCTIONS

The bike computer's 150 functions support and guide athletes during training and leisure. The ROX 11.1 EVO delivers all data reliably and in real time. Its scope of function includes tracking speed and distance with GPS, measuring barometric altitude, navigating and completing workouts with Track or komoot, and compatibility with e-bikes, smart trainers, and external sensors. The integrated Crash Alert feature uses an app to send a notification to emergency contacts if the rider falls. Smart notifications inform the rider of incoming calls and messages during the ride.

PERSONALISABLE TRAINING VIEWS

Four of up to 20 possible sport profiles are already pre-installed on the ROX 11.1 EVO. Bikers can also create their own sport profiles and use the ROX 11.1 on different bikes.
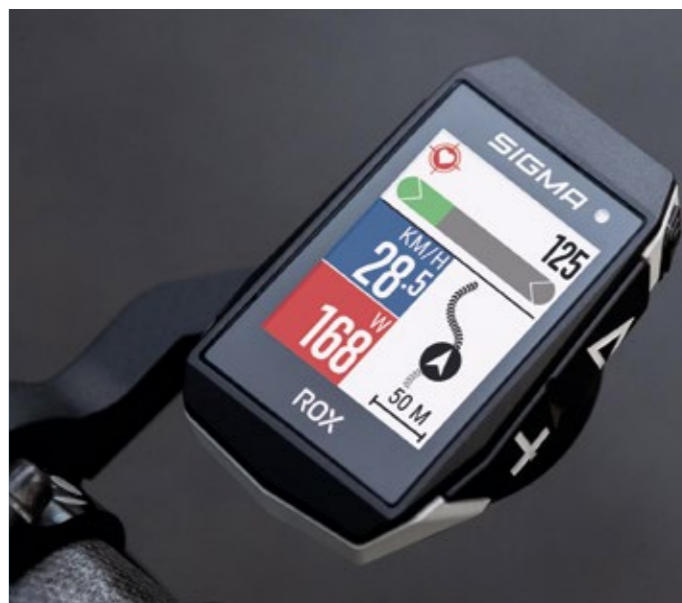
Six different training views with one to six data fields can be individually configured with the SIGMA RIDE app. Other screens for workouts, tracks, and navigation with komoot are also installed. An additional data page can be called up for connected FE-C smart trainers.
The individual data fields can be highlighted in up to eight different colours, allowing a better overview and quicker readability for the individual ride data.
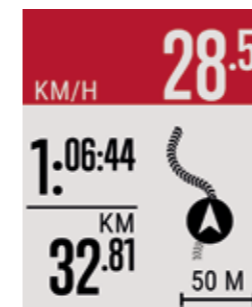
INDOOR CYCLING TREND

The ROX 11.1 EVO is a real pro during indoor training as well. The bike computer can be easily be connected to the smart trainer. This allows full use of the numerous training computer features. Trainer resistance can also be adjusted with the ROX 11.1 EVO.

EASY COUPLING

BLE and ANT+ make it extremely easy to combine sensors that measure speed, cadence, and pulse. The set contains the ROX 11.1 EVO with the new magnet-free speed and cadence sensors. The ROX 11.1 EVO allows coupling with the power meter and electronic shifting.

Speed measurement	SRAM-eTap-compatible
Cadence measurement	Shimano-Di2-compatible
Heart rate measurement	Smart Trainer (ANT+)
Watt measurement with power meter	

HIGH-CONTRAST COLOUR DISPLAY

Navigation information and ride data can be read very easily on the 1.77-inch transmissive colour display thanks to its outstanding contrast. The display is continuously lit and adjusts automatically to various lighting conditions thanks to its ambient light sensor. The display can be set to ten different brightness levels as the situation requires.

Navigation with a track

Navigation with the komoot app

ARRIVE SAFELY

Athletes can navigate simply on the ROX 11.1 EVO with Track or the komoot app, leaving their smart phones in their pockets. komoot navigation instructions are shown on the ROX 11.1 EVO display as arrows. During the Track navigation, waypoints can be set to mark important locations.

E-BIKE-READY

The ROX 11.1 EVO is e-bike-ready and can be easily connected to many e-bikes. The GPS bike computer establishes a connection with the compatible e-bike system and shows the current assist mode, battery status, and light and other data on the display. A compatibility list can be found by following the link on page 22.

SAFETY FIRST

The Crash Alert built into the ROX 11.1 EVO automatically detects a fall and gives the rider 30 seconds to confirm that everything is OK. If there is no confirmation, the SIGMA RIDE app automatically sends an SMS to previously selected emergency contacts and gives them the relevant GPS data.
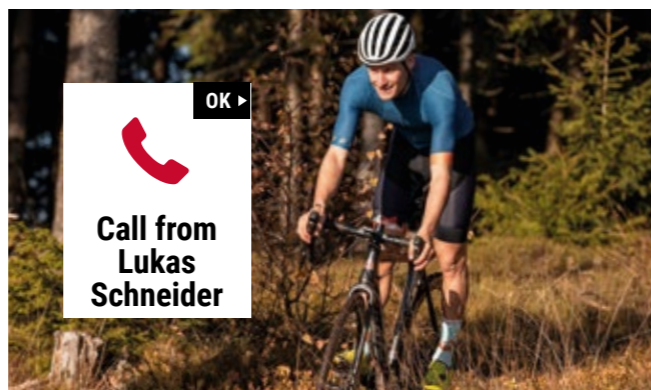
STAY CONNECTED

Smart notifications connect bikers to the outside world even during bike tours. Notifications of incoming calls, messages, and e-mails appear automatically on the display. Short messages can even be read directly on the ROX 11.1 EVO.

Call from Lukas Schneider

OK ▸

Item no. 01030   *RRP: €169.95*
ROX 11.1 EVO BLACK scope of delivery
Bike computer, GPS mount,
attachment material, USB-C cable,
quick-start instructions

Item no. 01031   *RRP: €169.95*
ROX 11.1 EVO WHITE scope of delivery
Bike computer, GPS mount,
attachment material, USB-C cable,
quick-start instructions

Item no. 01032   *RRP: €199.95*
ROX 11.1 EVO HR SET BLACK scope of delivery
Bike computer, USB-C cable, quick-start guide,
R1 DUO transmitter and chest strap,
SHORT BUTLER GPS

Item no. 01033   *RRP: €199.95*
ROX 11.1 EVO HR SET WHITE scope of delivery
Bike computer, USB-C cable, quick-start guide,
R1 DUO transmitter and chest strap,
SHORT BUTLER GPS

Item no. 01034   *RRP: €249.95*
ROX 11.1 EVO SENSOR SET BLACK scope of delivery
Bike computer, USB-C cable, quick-start guide,
R1 DUO transmitter and chest strap,
SHORT BUTLER GPS,
DUO MAGNETLESS SPEED,
DUO MAGNETLESS CADENCE

Item no. 01035   *RRP: €249.95*
ROX 11.1 EVO SENSOR SET WHITE scope of delivery
Bike computer, USB-C cable, quick-start guide,
R1 DUO transmitter and chest strap,
SHORT BUTLER GPS,
DUO MAGNETLESS SPEED,
DUO MAGNETLESS CADENCE

COMPREHENSIVE DATA ANALYSIS

How long, how fast, how high? Up to 100 hours of riding time can be stored on the ROX 11.1 EVO. Training data can thus be called up quickly at any time on the ROX 11.1 EVO, the SIGMA RIDE app or, after training, on a PC or MAC in the SIGMA DATA CENTER. This provides a perfect overview of training values and progress. The SIGMA RIDE app's sharing options enable athletes to let friends and teammates know about their successes.

PERFECT COMPANION:
SIGMA RIDE

EXPERIENCE IT LIVE

Activities are recorded with the SIGMA bike computer and can be analysed immediately in the Live screen. The route and current GPS position can be displayed on the map. Distance travelled, training time elapsed, and metres of altitude uphill are also displayed, including an altitude profile.

CUSTOMISING THE DISPLAY

Individual training views can be set easily during a ride or one of the pre-programmed views selected.

The SIGMA RIDE app status display provides reliable information about values such as the current bike computer battery charge and how much storage space is still available for tracks and ride data.

DOWNLOAD IT FREE!

JETZT BEI Google Play

Laden im App Store
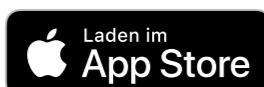
ALL TOURS AT A GLANCE

The SIGMA RIDE app enables cyclists to store all of their activities. The list view displays all tours with route, date, distance, ride time, and ascent/descent in an easy-to-read format. The most recent activity is always at the top of the timeline. The SIGMA PERFORMANCE INDEX can be used to visualise training intensity.

Specific details of each tour can be displayed in the activity screen. In addition to graphic profiles for each value (such as heart rate) a heat map with various colours shows performance along the route. Metainformation such as weather, temperature, and perception during the tour can be added to the activities.
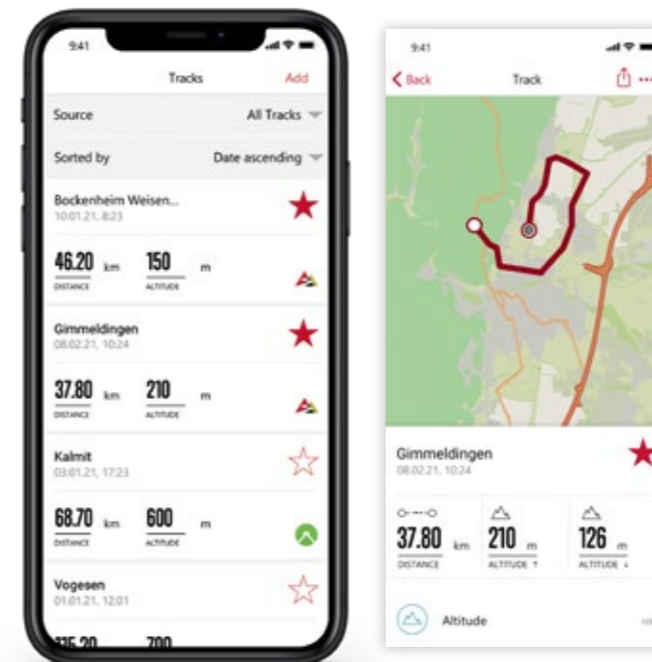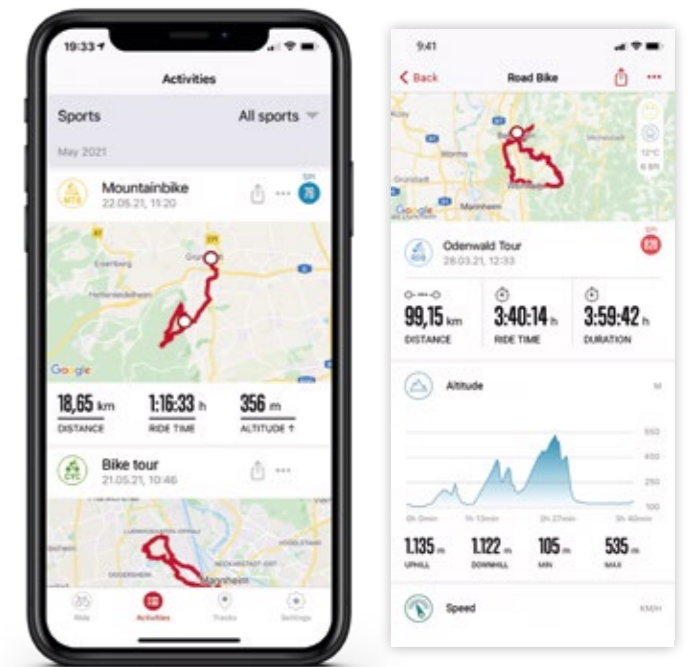
FIND THE PERFECT TRACK

SIGMA RIDE displays the best tracks. They can then be sent to the bike computer without any trouble and then ridden. The turn-off instructions on the display make this very easy.

The SIGMA RIDE app can import tracks flexibly from other portals as .GPX files. SIGMA tracks, such as those created in the SIGMA DATA CENTER, can be synchronised in the SIGMA RIDE app via the SIGMA CLOUD. Tracks from third-party providers such as komoot can be made favourites in the relevant app.

E-BIKE CONNECTIVITY

The SIGMA RIDE app is, of course, e-bike-ready. Graphic profiles and heat maps use a variety of colours to visualise how much of the route was ridden with what support level, the battery status over the course of the route, and much more.

Assist Level

OFF	1	2	3
4.50 KM	13.0 KM	1.70 KM	9.30 KM
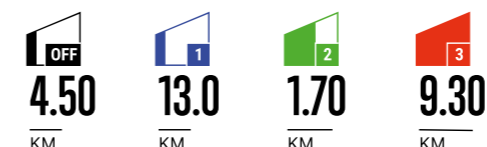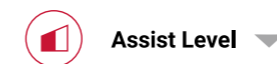
SHARING WITH FRIENDS

The SIGMA RIDE app makes it very easy to share tour data to social media and communities such as komoot, Strava, TrainingPeaks, Facebook, and Twitter. Activities can also be easily communicated through messenger services such as WhatsApp.

Function overview

GENERAL

GENERAL	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Dimension (WxLxH)	44.2 x 65.9 x 17.8 mm	44.9 x 73.6 x 18.4 mm	46.8 x 66.1 x 20.8 mm
Mount compatibility	GPS Mount OVERCLAMP BUTLER	GPS Mount OVERCLAMP BUTLER	GPS Mount SHORT BUTLER OVERCLAMP BUTLER
Weight	39 g	51 g	55 g
Water resistance	IPX7	IPX7	IP67
Battery	350 mAh (Li-ion), 3.7 V	550 mAh (Li-ion), 3.7 V	1000 mAh (Li-ion), 3.7 V
Touchscreen	-	-	-
Display size	2.0"	2.4"	1.77"
Resolution (pixel)	Main display: 51x16	Main display: 59x23	128x160
Colour display/Number of colours	2	2	262K colours
Display technology	Transflective	Transflective	Transmissive
Backlight	●	●	●
Typical battery life	18 hours	25 hours	18 hours
Connectivity	BLE ANT+	BLE ANT+	BLE ANT+
Smart notifications	●	●	●
Sensor technology	-	Speed, cadence, heart rate	Speed, cadence, heart rate, power meter, electronic shifting, smart trainer (FE-C)
e-bike-ready	●	●	●

NAVIGATION

NAVIGATION	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Map navigation	-	-	-
Track navigation	-	-	●
Turning guidance	●	●	●
Number of tracks on the device	-	-	up to 36
Back to start	Arrow navigation	Arrow navigation	-

SENSORS

SENSORS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
GPS	●	●	●
GLONASS	●	●	●
GALILEO	-	-	●
Barometric altitude measurement	-	●	●
Ambient light sensor	●	●	●
Acceleration sensor	-	-	●

TRAINING

TRAINING	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Pre-installed sport profiles	1	1	4
Individually adjustable sport profiles	1 (further sport profiles can be saved in the app)	1 (further sport profiles can be saved in the app)	up to 20
Individually adjustable training pages	up to 6	up to 6	up to 6
Individually adjustable number of training values per page	2	3	up to 6
Templates for training views	1	1	8
Colours to highlight the training values	-	-	8
Workouts	-	-	●
Number of workouts on device	-	-	up to 36
Strava Live Segments	-	-	-
Crash alert	-	-	-
Alarms	-	-	Food, drinks, individual
Auto pause	●	●	●
Lap function	-	-	Manual, automatic (time/distance)
Target zone training	-	-	Speed, cadence, heart rate, power

DATA ANALYSIS

DATA ANALYSIS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
SIGMA RIDE app/SIGMA DATA CENTER	●	●	●
Memory	up to 100 h of training	up to 100 h of training	up to 100 h of training
File format	.fit	.fit	.fit

WORKOUT FUNCTIONS
BASIC FUNCTIONS

BASIC FUNCTIONS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Speed/avg. speed/Max. speed	●	●	●
Distance	●	●	●
Training time (net)	●	●	●
Training time (gross)	-	-	●
Speed graph	-	-	●
Sigma Performance Index	-	● (SIGMA RIDE app)	●
Calories	-	●	●
Clock (12/24 hrs)	●	●	●
Date	-	-	●

ALTITUDE MEASUREMENT

ALTITUDE MEASUREMENT	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Current altitude	-	●	●
Gradient (in %)	-	●	●
rise rate	-	-	●
Altitude graph	-	●	●
Altitude uphill	-	●	●
Max. altitude/Min. altitude	-	-	●
Avg. rise rate/Max. rise rate	-	-	●
Avg. incline/Max. incline	-	-	●
Decline altitude	-	-	●
Avg. rate of descent/Max. rate of descent	-	-	●
Avg. decline/Max. decline	-	-	●
Number of ascents/descents	-	-	●

CADENCE

CADENCE	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Cadence/Avg. cadence/Max. cadence	-	●	●
Cadence graph	-	-	●

HEART RATE FUNCTIONS

HEART RATE FUNCTIONS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Current heart rate/Avg. heart rate/Max. heart rate	-	●	●
Minimum heart rate	-	-	●
% max. heart rate	-	●	●
Avg. % max. heart rate	-	-	●
Target zone	-	-	●
Intensity zones	-	●	●
Heart rate graph	-	-	●

POWER FUNCTIONS

POWER FUNCTIONS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Balance/Avg. balance	-	-	●
Balance 3/10/30 sec. - Avg.	-	-	●
Pedal smoothness	-	-	●
Current power/Avg. power/Max. power	-	-	●
Power – %FTP	-	-	●
power 3/10/30 sec. - Avg.	-	-	●
power – intensity factor	-	-	●
Power in KJ/watts/KG	-	-	●
Normalized power	-	-	●
Training Stress Score	-	-	●
Power zones/power graph	-	-	●
Torque effectiveness (–%/–%)	-	-	●

E-BIKE FUNCTIONS

E-BIKE FUNCTIONS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Range/e-bike battery	●	●	●
Support (watts)	-	-	●
Human power vs. motor power	●	●	●
Support level	●	●	●
Gear indicator	-	-	●
Light	●	●	●
E-bike total distance/total time	-	-	●

INDOOR TRAINER FUNCTIONS

INDOOR TRAINER FUNCTIONS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Trainer resistance/mode/target power	-	-	●

AUTOMATIC LAP FUNCTIONS (TIME- OR DISTANCE-BASED)

AUTOMATIC LAP FUNCTIONS (TIME- OR DISTANCE-BASED)	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Number	-	-	●
Lap time	-	-	●
Distance	-	-	●
Avg. speed/Max. speed	-	-	●
Calories	-	-	●
Avg. altitude/Max. altitude	-	-	●
Altitude uphill/downhill	-	-	●
Altitude	-	-	●
Avg. incline/decline	-	-	●
Avg. rate of ascent/descent	-	-	●
Avg. balance	-	-	●
Avg. power/Max. power	-	-	●
Normalized power	-	-	●
Avg. cadence/Max. cadence	-	-	●
Avg. heart rate/Max. heart rate	-	-	●
Pedalling time/Pedalling index	-	-	●
Auto lap list	-	-	●

MANUAL LAP FUNCTIONS

MANUAL LAP FUNCTIONS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Number	-	-	●
Lap time	-	-	●
Distance	-	-	●
Avg. speed/Max. speed	-	-	●
Calories	-	-	●
Avg. altitude/Max. altitude	-	-	●
Altitude uphill/downhill	-	-	●
Avg. incline/decline	-	-	●
Avg. rate of ascent/descent	-	-	●
Avg. balance	-	-	●
Avg. power/Max. power	-	-	●
Normalized power	-	-	●
Avg. cadence/Max. cadence	-	-	●
Avg. heart rate/Max. heart rate	-	-	●
Pedalling time/Pedalling index	-	-	●
Lap list	-	-	●

NAVIGATION FUNCTIONS

NAVIGATION FUNCTIONS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Time to destination/ETA	-	-	●
Distance to destination/ Distance to the next waypoint	-	-	●
Heading/Turning guidance	●	●	●
Track navigation	-	-	●

ELECTRONIC SHIFTING

ELECTRONIC SHIFTING	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Battery status	-	-	●
Front gear (chain ring)	-	-	●
Gear ratio	-	-	●
Rear gear	-	-	●
Di2 shifting mode	-	-	●

STATUS FUNCTIONS

STATUS FUNCTIONS	ROX 2.0	ROX 4.0	ROX 11.1 EVO
Current temperature	-	●	●
Min. temperature/Max. temperature	-	-	●
GPS accuracy	-	-	●
Device battery status	●	●	●
Air pressure	-	-	●
Weather trend	-	-	●
Compass	●	●	●

THE CLASSIC

The classical SIGMA GPS handlebar bracket can be fixed in place with two cable ties on either the handlebars or the bike's stem. The bracket can be used with any device from the SIGMA ROX series and any handlebar size.

THE OVERCLAMP BUTLER

The OVERCLAMP BUTLER allows perfect ROX bike computer alignment, even on short stems. The computer head can thus be positioned centrally above the stem at the level of the handlebars. This ensures space and order. The Butler fits handlebars of 31.8 and 35 mm diameters.

PERFECT MOUNT WITH THE SHORT BUTLER

The SHORT BUTLER has been developed specifically for the ROX 11.1 EVO. It positions the ROX 11.1 EVO nearer to the handlebars and in a more streamlined position and can be mounted on handlebars of diameters from 25.4 and 31.8 mm in a few easy steps. Special 3D rubber pads allow the bike computer to be straightened out, even on curved handlebars.

E-BIKE COMPATIBILITY LIST

Information about ROX series compatibility with many e-bike system can be found at **goto.sigmasport.com/eox-ebike-comp** or by scanning the QR code with a smart phone.

ROX 2.0	ROX 4.0	ROX 11.1 EVO
00463 GPS MOUNT RRP: €8.95	00463 GPS MOUNT RRP: €8.95	00463 GPS MOUNT RRP: €8.95
00500 OVERCLAMP BUTLER GPS RRP: €19.95	00500 OVERCLAMP BUTLER GPS RRP: €19.95	00475 SHORT BUTLER GPS RRP: €19.95
18460 USB-C CABLE RRP: €6.95	20331 R1 DUO HR TRANSMITTER RRP: €45.95	00500 OVERCLAMP BUTLER GPS RRP: €19.95
	20318 COMFORTEX+ CHEST BELT RRP: €19.95	20331 R1 DUO HR TRANSMITTER RRP: €45.95
	20332 R1 DUO TRANSMITTER + CHEST STRAP RRP: €54.95	20332 R1 DUO TRANSMITTER + CHEST STRAP RRP: €54.95
	20335 DUO MAGNETLESS SPEED RRP: €34.95	20318 COMFORTEX+ CHEST BELT RRP: €19.95
	20336 DUO MAGNETLESS CADENCE RRP: €34.95	20335 DUO MAGNETLESS SPEED RRP: €34.95
	18460 USB-C CABLE RRP: €6.95	20336 DUO MAGNETLESS CADENCE RRP: €34.95
		18460 USB-C CABLE RRP: €6.95