



Rider S500

Rider S800

General

| | | |
|-----------------------------|---|-------------------|
| Unit Dimension (mm) | 83.9 x 51 x 25.1 | 105 x 58.5 x 14.2 |
| Touchscreen | • | • |
| Display Size | 2.4" | 3.4" |
| Display Type | High Reflectance Color TFT LCD | MIP |
| Display Resolution (pixels) | 240x320 | 272x451 |
| Weight (g) | 87g | 106g |
| Battery Life (hrs) | 24 | 36 |
| Supported Satellites | Full GNSS: GPS, Glonass(Russia), BeiDou(China), Galileo(Europe) and QZSS(Japan) | |
| Waterproof Rating | IPX7 | IPX7 |
| Barometric Altimeter | • | • |
| USB port | USB-C | USB-C |

Training Features

| | | |
|------------------------|--|----------------------------------|
| Supported Bike Profile | 3 | 3 |
| Supported Bike Type | • | • |
| Advanced Workouts | • | • |
| Planned Workouts | Bryton Active App, TrainingPeaks | Bryton Active App, TrainingPeaks |
| Virtual Ride | • | • |
| Climb Challenge | • | • |
| Auto Pause | • | • |
| Auto Lap | • | • |
| Quick Status | Paired Sensors / Lap Details / Customized Data | |

Navigation Features

| | | |
|---|---|-------------------------|
| Preloaded | Preloaded map /Download via PC / Bryton Active App | |
| Route Guidance | • | • |
| Reroute | (via Bryton Active App) | (via Bryton Active App) |
| Turn by Turn Navigation | Street Names via Bryton Active app/Ride with GPS / Komoot | |
| Distance to Next POI / Peak | • | • |
| Nearby, POI & Address Search | (via Bryton Active App) | (via Bryton Active App) |
| Back to Start | (via Bryton Active App) | (via Bryton Active App) |
| Plan Trip by Multi-Cycling Types on Bryton Active | • | • |
| Retrace (Breadcrumb Trails) | • | • |
| Reverse Route | On-device | On-device |
| Explore | - | (via Bryton Active App) |
| Route Planning | (via Bryton Active App) | (via Bryton Active App) |

Safety and Tracking Features

| | | |
|---------------------|---|---|
| Live track | • | • |
| Group Ride and Chat | - | • |
| Bike Rearview Radar | • | • |
| Smart Notifications | • | • |
| In-use charging | • | • |

Connectivity

| | | |
|--|---|-------------------------------|
| Data Transfer | Bluetooth Low Energy | Bluetooth Low Energy |
| Automatic Activity Upload | • | • |
| 3rd Party Activity Upload | Strava, TrainingPeaks, Selfoops, Relive, Today's plan | |
| Bluetooth Sensors | HR Coming soon | HR Coming soon |
| ANT+ Sensors | HR / Spd / Cad / Pw | HR / Spd / Cad / Pw |
| Electronic Shifting System Compatibility | Di2 / eTap / EPS / K-FORCE WE | Di2 / eTap / EPS / K-FORCE WE |
| ANT+ FE-C Smart Trainer | • | • |
| E-Bike | SHIMANO STEPS / ANT+LEV | SHIMANO STEPS / ANT+LEV |