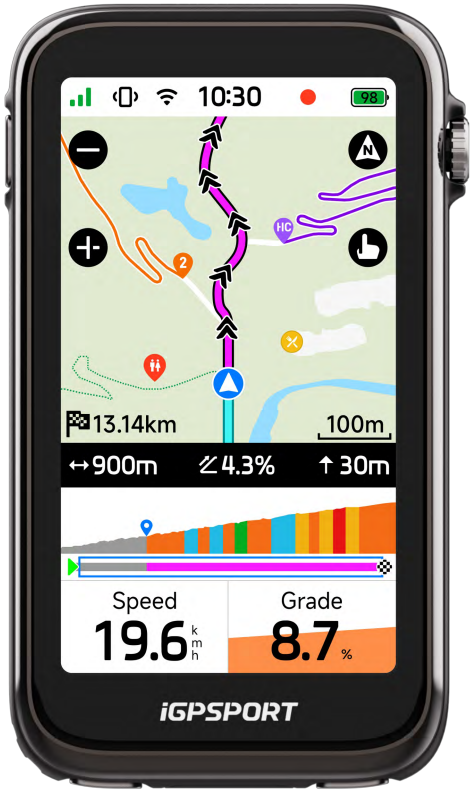
User Manual

BiNavi Ultra Bike Navigator

www.igpsport.com



WUHAN QIWU TECHNOLOGY CO.,LTD

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PRODUCT INTRODUCTION

BUTTONS



DEVICE BUTTONS

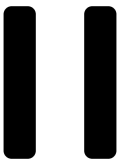
Button	Features
	Power Button: Short press to power on / back / enter the status page. Long press to power off.
	Digital Dial: Short press to confirm / enter the ride menu; Turn to switch between pages or items.
	Lap Button: Mark a lap / Access quick settings.
	Ride Button: Start / Pause activity.

TOUCH GESTURES

Gesture	Features
Tap	Select and enable.
Double tap	Ring the bell (on ride page).
Long press	Enter editing mode / Access hidden features.
Swipe up	Scroll up the list or page.
Swipe up from bottom	Return to home page / ride page
Swipe down	Scroll down the list or page.
Swipe left	Swipe left to switch pages.

Swipe right	Swipe right to switch pages / Back.
Drag	Move.
Pinch	Zoom in / Zoom out.

ICON DESCRIPTIONS

				
GPS Signal	Battery	Bluetooth	Data Transmission	Menu
				
Start Recording	Stop Recording	Home	End Recording	CORE
				
Heart Rate Monitor	Cadence Sensor	Speed Sensor	Speed and Cadence Sensor	Power Meter
				

Electronic Shifter	Radar	Trainer	E-bike	Light
				
Di2	Camera	VeRun Watch	Breathing	Airspeed
				
Body Position	Bike Computer	Wi-Fi	App Connection	Inertial Navigation

CHARGING

The device is powered by a built-in lithium-ion battery that you can charge using a power adapter or a USB port on your computer. (Please use compatible USB-C charging cable.)
Note:

1) Please use DC 5V standard power adapter. The fast charge adapter is not recommended because it may damage the battery.
2) When the battery level is low, a low battery icon will be displayed in the upper right corner of the device's home page, indicating low battery level and recommending to charge the device.
3) Do not overstretch the USB weather cap to keep its waterproof and dust-proof performance.

PAIRING

Pairing smartphone helps you use the bike computer more conveniently. You can experience more features on the iGPSPORT APP.

FIRST PAIRING

1. Open the iGPSPORT APP in your smartphone and login with your iGPSPORT account.
2. Place the bike computer nearby your smartphone and enter the home page or device page in the app. Click "Add Device", select "Cycling Products" and then your smartphone will automatically search for BiNavi Ultra. Select it and click "Connect" , and the pairing will start.
3. When the Bluetooth pairing code displays on both your phone and the bike computer, confirm it on both devices to pair them.
4. After the pairing, the bike computer will be displayed in the device list.
5. Then the prompt of device settings on your smartphone will show up in the iGPSPORT APP. Finish your settings and click "Save and Sync", and then the settings will be synced to the device.
6. After successful pairing, the device and the smartphone will be automatically connected via Bluetooth; if it fails, you can try to restart the smartphone Bluetooth, the iGPSPORT APP or the bike computer for pairing again.

REMOVE PAIRING

If you want to pair your bike computer with another smartphone, please remove the current pairing first:
1. Go to "More" > "Pair Phone" to view the paired device list.
2. Tap "Unpair" and confirm to unbind the device.
3. When the deletion is completed, the bike computer will restart automatically and Bluetooth Disconnected icon will be displayed on the device.

Note:

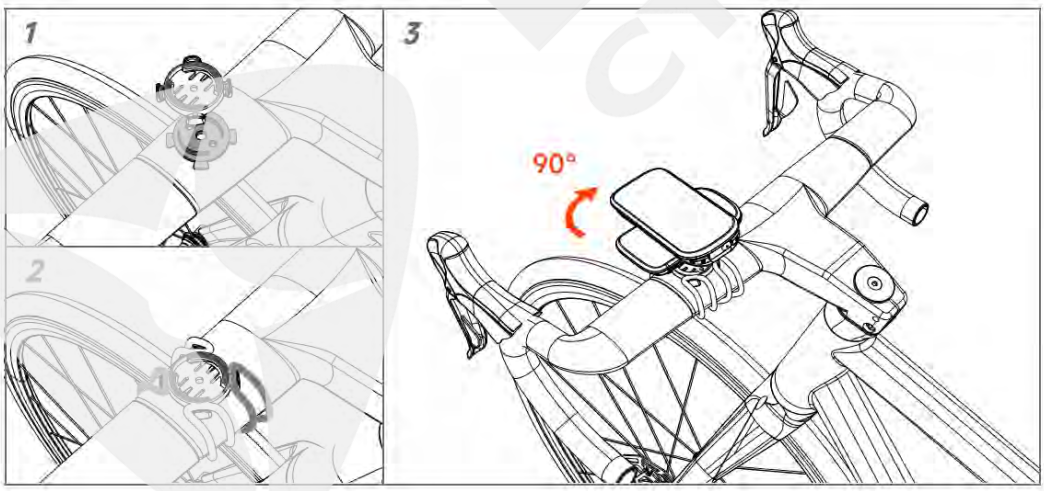
1) Please pair the device based on the instructions in the iGPSPORT APP, rather than using the Bluetooth settings on your smartphone.
2) Ensure that your smartphone is connected to the internet and that Bluetooth is enabled.
3) Download the iGPSPORT APP from the App Store or Google Play.
4) For Android users, make sure to enable location permissions for the iGPSPORT APP in your phone's app settings.
5) Do not pair and unpair the device frequently.

FIRMWARE UPDATE

To keep your device up to date and ensure optimal performance, it is recommended to update the firmware regularly:
1. You can manually check for updates via iGPSPORT App > Device > Firmware Update.
2. When the device is connected to Wi-Fi, it will automatically check for firmware updates.
3. Update duration may be affected by Bluetooth or Wi-Fi signal strength; Wi-Fi is recommended for faster downloads.

INSTALLATION OF STANDARD BIKE MOUNT

1.Place the rubber pad and the bike computer mount on the handlebar.
2.Attach the mount securely by crossing the rubber bands.
3.Align the tabs of the bike computer with the mount and rotate it 90° to lock it in place.
Note: It is recommended to use iGPSPORT Standard Bike Mount or Out-Front Mount to avoid damaging the tab of the bike computer.



VIEWING DEVICE AND REGULATORY INFORMATION

From the home page, go to More, then System, and select About.

GOING FOR A RIDE

PRE-RIDING

To ensure the accurate riding data, the bike computer needs to be outdoors in an open space to receive the satellite signal before riding. Please go outdoors in an open space with the screen up and wait to receive the satellite signal.
If the sensor has been connected to the device before, it will automatically connect to the device once waken up. During your riding, the device will automatically measure your heart rate, cadence and power and other data by using your sensors.

USING TOUCH SCREEN

1. After receiving the satellite signal, select the ride mode on the homepage to enter the riding data page.
2. Slide left and right to switch the riding data page.
3. Swipe down from the top to show the status page.
4. Long press on the riding data page to enter page and fields editing mode.
5. Tap anywhere on the screen in the riding data page to wake up the riding status bar, check the status of the sensor at any time, or conduct quick operations.
6. Select to back to home page.
7. Select to enter riding page.
8. Select to record riding.
9. During riding, select to stop recording.
10. During riding recording, select to end riding and save records.

USING BUTTONS

1. After receiving satellite signals, press to enter the riding date page.
2. Rotate to switch between cycling data pages.
3. Select to return to the home page.
4. During riding recording, select to evoke status page.
5. Press to record riding.
6. During riding recording, select to stop recording.
7. During riding recording, select to mark a new lap.
8. Short press to enter the ride menu, then select "Save" to end the ride and save your activity.

WHILE-RIDING

Scan Data View
During the training, you can switch the riding view from left to right. Please note, the displayable riding data view and information depend on the selected ride mode and your modification to the selected mode.
You can set up specific pages for different ride modes on the device and in the iGPSPORT APP. You can create custom data fields for each activity mode and select the data you want to see during the riding.

Riding Menu

During a ride, you can short press to access the ride menu, which provides quick access to features such as navigation, training, and more.

Lap

Pressing can manually lap. You can enable the Auto Lap function in Ride Mode Settings. You can also choose **More > Ride Mode > Auto > Auto Lap** and set lap by distance, position or time. If by distance, you should set the distance for each lap. After riding this distance, it will be automatically counted as one lap. If by position, the starting point of recording is taken as the mark point, and it will be automatically counted as one lap when you reach it again. You can long press the lap button to change the mark point. If by time, it records the

time according to the specified time period. It will be automatically counted as one lap when it reach that period again.

POST-RIDING

Activity Summary

After finishing the activity, you can immediately get the activity details on the device. More detailed data and graph analysis can be obtained in the iGPSPORT APP or its official website.

The information in activity summary depends on the data collected during the activity.

On the home page, you can select **History** to view the recent activities. You can view the historical activity summary saved on the device.

You can view the list of historical activities and summary information about the activities stored on the bike computer.

View Riding Data in the iGPSPORT APP

If your smartphone is within the Bluetooth range when the riding finished, the device will automatically be connected to and sync with the iGPSPORT APP (the auto sync function needs to be enabled in the APP). In the APP, you can quickly view the analyzed data after ending each recording. With iGPSPORT APP, you can quickly view the detailed data of each riding, and you can also share your riding with your friends through iGPSPORT APP.

You can analyze every detail in the activity record using the iGPSPORT website to learn your performance better and track progress towards your monthly training target, and you can share your personal best record with others.

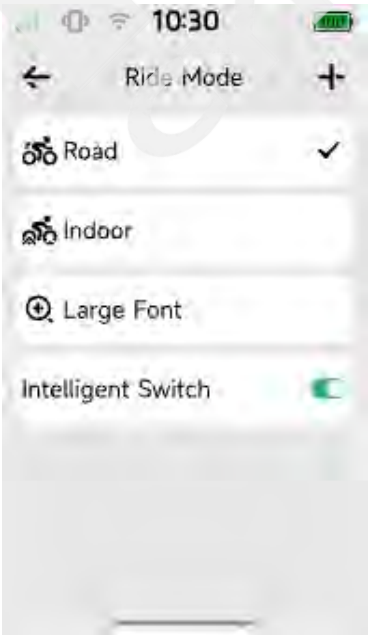
For more details, please see the iGPSPORT APP.

RIDE MODE

Ride mode refers to the riding ways you can select on the device. There are 8 default ride modes on the device. You can create and set new modes according to your needs.

You can make some specific settings for each ride mode. For example, you can set custom data page template for each ride mode and select the data you want to view during riding and the options that meet your training needs and requirements best.

The device can save 8 kinds of ride modes at most.



Select **Ride Mode** from the More and choose a mode to view its options.

ENABLING MODES

Select **Enable** on the Ride Mode Settings page and flip the switch to enable this mode.

PAGE SETTINGS

Select "Pages" to enter page configuration. The system includes 5 built-in data pages and several specific pages, such as the map page and elevation page.

1. Tap  to show/hide this page.
2. Select a page to enter page editing mode, where you can view and change the current page template.
   - Tap  to switch page templates with a real-time preview.
   - Select a field to enter the Data Fields list, and select the field to be displayed.
   - Select ✔ to save and exit Data Fields Setting.
   - Tap the top-right corner to customize page order.
   - If you select **Upward**, the page will move up one place.
   - If you select **Downward**, the page will move down one place.
3. It supports auto return to home page. Select **Home Page** in the page setting of the selected page to set it as the home page. When riding, if the auto return is enabled, it will automatically return to home page after viewing other pages.

ALERTS SETTINGS

1. Select **Alerts** to view its options.
2. Select an alert and choose **Enable** to enable alert function.
3. After enabling alert function, select the **Threshold** to set the alert value.

AUTO FUNCTIONS

1. Select **Auto Functions** to view its options.
2. Select an auto function and choose to turn it on/off.

iCLIMB

1. Select "iClimb" to enter the climb feature menu.
2. Select "Enable" to turn the iClimb on or off.
3. A segment will be identified as a climb if it meets the following criteria: climb length ≥ 500m and average grade ≥ 3%.
4. The iClimb feature can be activated "When Navigating" and "When Free Riding."

● iClimb When Navigating: If you are using route navigation, iClimb will identify climbs along your route and will not look for climbs outside of the navigated course.

● iClimb When Free Riding: This feature relies on available data resources. If you are not navigating and have free-riding climb detection enabled, iClimb will detect climbs based on your current riding direction and automatically activate climb planning once you enter a climb segment.

● Note: The two climb planning modes cannot run simultaneously. When a route is active, free-riding climb detection will be disabled.

ADD MODES

1. Select **Add** to enter the list of mode templates.
2. Select an existing mode as the template.
3. Customize the template into a new mode.

DELETE MODES

Select **Delete** to delete a ride mode. (Notice: Only applicable to the ride mode added by users.)

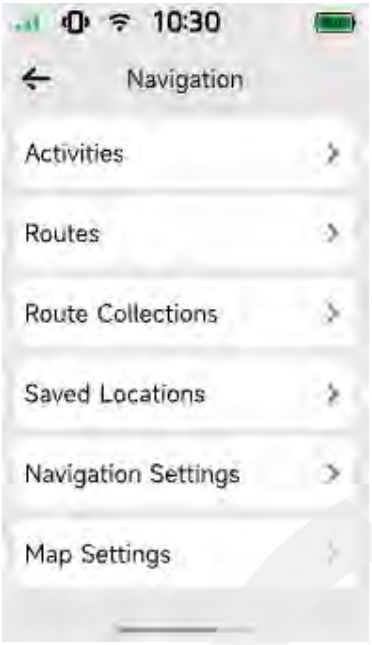
INTELLIGENT SWITCHING

Select "Intelligent Switching" to enable or disable this feature. When enabled, the device will automatically switch ride modes based on your current connection status with the trainer.

NAVIGATION

You can plan your route in the iGPSPORT APP and send it to the device. The files in GPX or TCX format can be directly imported into the iGPSPORT APP as the navigation route and send to the device. You can also use routes recorded from previous rides as a guide for navigation.

Select **Navigation** on the home page to access the navigation menu.



NAVIGATE BY SAVED ACTIVITIES

1. Select **Activities** to view its options.
2. Select an activity to start the navigation.

NAVIGATE BY A ROUTE

1. Send a route from iGPSPORT APP to the device.
2. Select **Route Navigation** to view available routes.
3. Select a route to see its overview and its elevation profile.
4. Select **Navigate** to start.

NAVIGATING WITH ROUTE COLLECTIONS

1. Send a route collection to the device from iGPSPORT app > Routes > Route Collections.
2. Go to Navigation > Route Collections on the bike computer to view the route collection list.
3. Select a route collection to view routes within the collection.
4. Select to enable the route collection.
5. Once enabled, the bike computer will automatically match routes based on your real-time location and heading while riding. Available routes for navigation will appear in the Route Selector on the map page.
6. In the Route Selector, select a route to quickly start navigation.

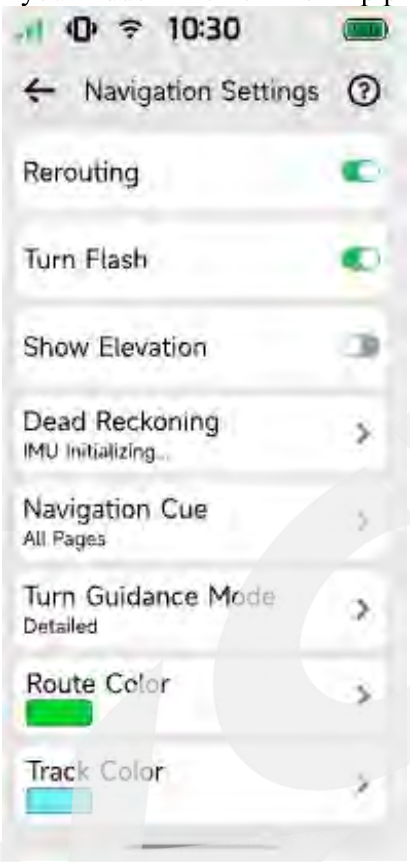
NAVIGATE BY LOCATIONS

1. Select **Waypoints** to view the waypoint list.
2. Select a location to preview it on the map.
3. Select **Navigate** and the device will plan a route that ends at that location and starts at your current location.

NAVIGATION SETTINGS

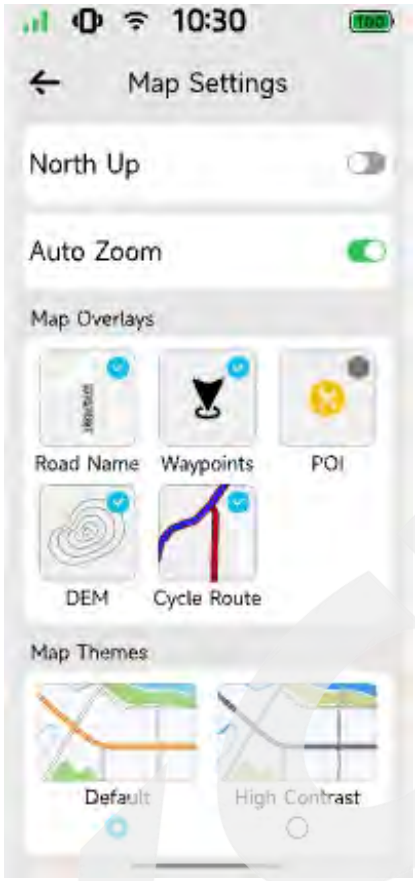
1. Select **Rerouting** to turn on/off the rerouting function. When this function is on, the bike computer will automatically re-plan the optimal route when off-track.
2. Select **Navigation Screen Flash** to turn on/off the screen flash function(the screen will flash when approaching a turn).
3. Select **Elevation Graph** to turn on/off the elevation data.
4. Select **Dead Reckoning** to turn inertial navigation on or off.
5. Select **Navigation Cue** to set the page where the turn prompts popup appear (all pages, pages 1-5, off)

6. Select **Turn Guidance Mode** to set the frequency of turn prompts (Detailed, Minimal, or Off).
7. Select **Route Color** to set the color of the route on the map page.
8. Select **Track Color** to set the color of your ridden track on the map page.



MAP SETTINGS

The navigation map can be custom configured in the map settings, including north up, auto zoom, map with road name, locations, POI, DEM and cycle route. Available map themes include Default and High Contrast.



NAVIGATION OPERATIONS

- Enter ride mode and switch to the map page.
- Select / to zoom in or out the map.
- Select / to switch to north up.
- Select to enter map touch mode, and you can drag the map in all directions, zoom the map with two fingers, and long press to mark locations.
- Press to enter the ride menu, you can select functions such as stopping the route, returning to the starting point, and navigating to the location.

TRAINING

You can create training plans, workouts in the iGPSPORT APP and send them to the bike computer. You can also create interval workouts directly on the bike computer to train with.



FOLLOWING A WORKOUT

1. Send a workout from iGPSPORT APP to the device.
2. Select a workout to view each step.
3. Select **Start Training** to enter the ride mode, and the training page will be displayed on the riding data page.
4. Select ⏯ to start training and the activity timer.
5. Select ↻ on the training page to stop the current training step and enter the next one.
6. Swipe up on the workout page to bring up the Shortcuts Menu, or select ●●● on the workout page to enter the ride menu, then select "Stop Workout" to end the session.
7. After the activity is saved or discarded, the workout will also stop.

USING TRAINING PLANS

1. 1Send a training plan from the iGPSPORT App to the device.
2. Select Calendar to view your scheduled daily workouts and courses.
3. Select Start Training to enter ride mode. The training details will appear on the ride data screen.
4. Once in ride mode, you can use the same operations and features as in workouts.

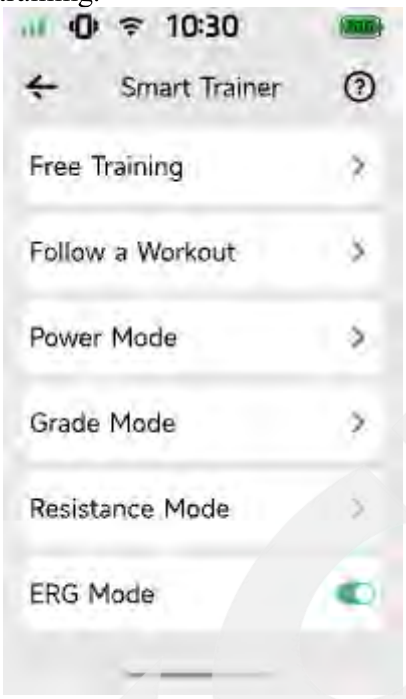
USING INTERVAL TRAINING

1. Select Interval Training to enter the settings page.
2. Select Cycling to set the duration and type of each training interval.
3. Select Rest to set the recovery duration and type for each rest interval.
4. Select Repeat to set the number of interval cycles.
5. Select Warm Up or Cool Down to quickly enable or disable the warm-up and cool-down features before and after training.

USING SMART TRAINER

1. Select **Smart Trainer** to view its options.
2. If the Smart Trainer is not connected, you can select **Pair Smart Trainer** to view the sensor settings. Wake up the Smart Trainer and connect to the device.
3. Select "Follow a Workout" to choose a specific course; the trainer will then automatically adjust the resistance according to the workout data.
4. Select **Power Mode** to set a target power.
5. Select **Grade Mode** to set a grade for the trainer.

6. Select **Resistance Mode** to set a resistance level for the trainer.
7. Select **ERG Mode** to set .resistance based on the target power.
8. Select ⏯ to start or stop Trainer training.



SEGMENT

Segment function provides a way to challenge yourself. By segment timing, you can train in a more targeted way to improve your performance on specific sections or areas and compare it to your own or others' historical performance for continuous improvement.

SENDING SEGMENTS

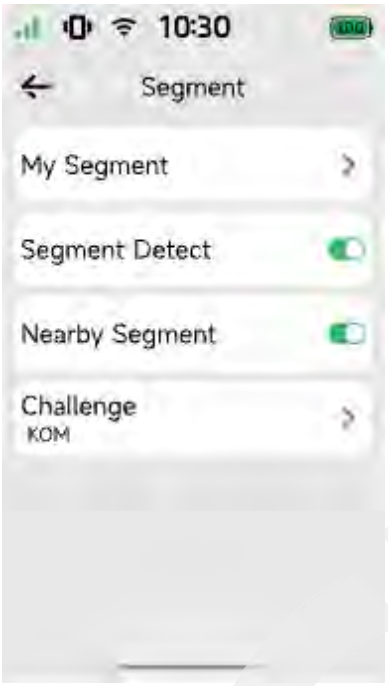
1. Send segments from iGPSPORT APP to the bike computer.
2. After connecting iGPSPORT APP to the bike computer, you can select **My Segments** on the **My** page to send it.

MY SEGMENT

1. Select "**My Segment**" to view available segment options.
2. Select a segment to preview its details.
3. Select "Navigate to Start" to quickly enter ride mode; the device will automatically plan a route to the start of the segment.

SEGMENT SETTINGS

You can turn on/off segment detect in the segment setting, select the challenge target and synchronize the latest segment details to the APP.



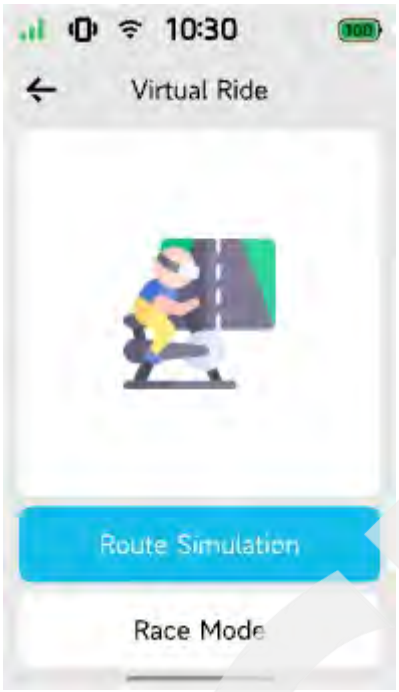
USING SEGMENT

After turning on/off segment detect in the segment setting, the segment page will be turned on if you pass the segment route during the riding recording, and the bike computer will show Segment Completed after finishing the segment.

VIRTUAL RIDE

Virtual Ride is a feature specifically designed for indoor cycling. It consists of two modes: Route Simulation and Race Mode. Route Simulation replicates the gradient changes of a route, while Race Mode allows users to select a previous activity to compete against and challenge themselves. Without being restricted by weather or location, cyclists can experience classic routes from around the world indoors. The realistic resistance changes and rhythm adjustments bring an immersive road feel to indoor training. In Route Simulation, riders can familiarize themselves with target segments and plan their physical exertion; in Race Mode, riders can push their limits by challenging specific routes.

1. Virtual Ride requires a connection to a Smart Trainer.
2. Virtual Ride does not support "Continue later" or "Find a Workout." Performing either of these actions will end the session, and a pop-up will display: "Virtual Ride Ended."



ROUTE SIMULATION

1. Five built-in routes are provided by default. Tap a route to view the preview, and tap "Start" to enter the ride data page.
2. You can also simulate rides using routes synced to the device. Tap "Route Navigation" to go to the navigation page, select a route to view its preview, and tap "Start" to enter the ride data page.
3. If the selected route includes climbs, a "Climb Preview" will be displayed.

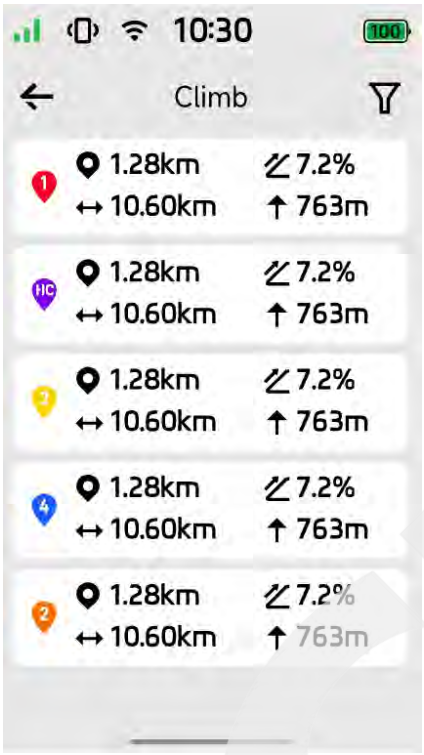
RACE MODE

Tap "Race Mode" to go to the History page. This page only displays outdoor cycling history. Select a history record to enter the ride data page.

CLIMB

Discover Nearby Climbs

From the home screen, select "Climb" to open the climb list. You can tap the filter icon to filter the climb list by climb category. Select any climb route to view its details. The detail page includes an overview map, total distance, average gradient, elevation gain, and an elevation profile. On the detail page, tap Navigate to Start to initiate navigation to the starting point of the climb and enter the climb mode.

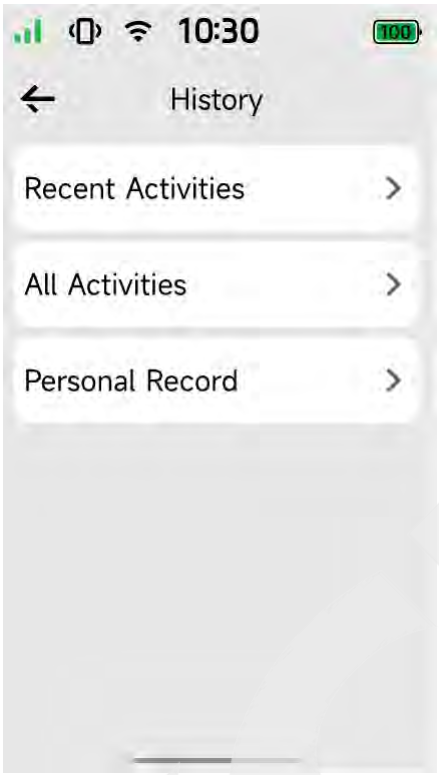


CAMERA CONTROL

To use the camera control feature, go to Sensors > Action Camera to search for and connect your action camera. Once connected, you can control the camera directly from the bike computer.
1. Select any ride mode to enter the data page, then swipe left or right to switch to the Action Camera page.
2. View the camera's current battery level and storage information.
3. In photo mode, the bike computer can control the camera to take photos; in video mode, it can control the camera to record videos.

HISTORY

History contains the history rides stored on the device. You can view activity data such as time, distance, calories, etc. corresponding to the history rides, as well as information about the optional external sensors.
Note: Older history records will be overwritten if the device runs out of memory space.



RECENT ACTIVITIES

1. Select Recent Activities to view the summary of your latest activity.
2. The activity details include summary, laps, charts, climbs, segments, and training status.

ALL ACTIVITIES

1. Select **All Activities** to view all history activities.
2. Select an activity to view its summary information.
3. Tap ⋮ to select Delete from Last Month or Delete All.

PERSONAL RECORD

Personal Records counts the best records in your historical activities while using the bike computer, and you can view the furthest ride, fastest average speed, highest climb, longest time, and best power tallied on the bike computer.

1. Select **Personal Record** on the home page to view personal records.
2. Select a record and you can view its data.
3. Select **View** to view corresponding history activities.
4. Select **Reset** to delete current record and and the existing data will no longer be ranked.

CONTROL CENTER

1. Swipe down from the top of the home screen or ride page to open the Control Center. You can also select ▬ to open it.
2. The Control Center displays information such as GPS status, battery level, phone connection status, sunrise/sunset times, current temperature, and current elevation.
3. In the Control Center, you can adjust brightness and volume, and toggle Dark Mode or Battery Saver. It also provides quick access to Sensors, iGPLink, Weather, Smart Notifications, Battery Saver, and Dark Mode.



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iGPLink

iGPLink allows you to connect your bike computer with compatible bike lights and smartwatches.

BIKE LIGHT

By connecting your lights via iGPLink, you can control the modes and smart features of both front and tail lights directly from the interface. You can also monitor real-time battery levels and remaining runtime.

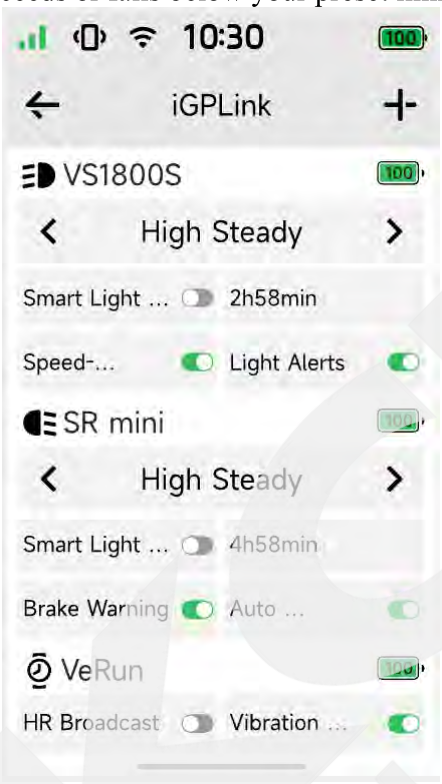
Smart Light Sensing
When the bike light **lacks a light sensor**, the bike light's on/off function can be automatically controlled by the **bike computer's light sensor**. **The bike light brightness will be adjusted intelligently** based on the ambient light, ensuring optimal illumination.

Light Alerts
When this feature is enabled, **the front light can sync with the bike computer's navigation and cycling data** to provide safety alerts:
Navigation Cue: When **navigation cue** are enabled in the **bike computer's navigation settings**, the front light will flash when turning to increase visibility.
Heart Rate Warning: In **ride mode**, enabling the Alert Settings (currently supports heart rate only) will cause the front light to flash when the heart rate exceeds the set range, ensuring cycling safety.

WATCH

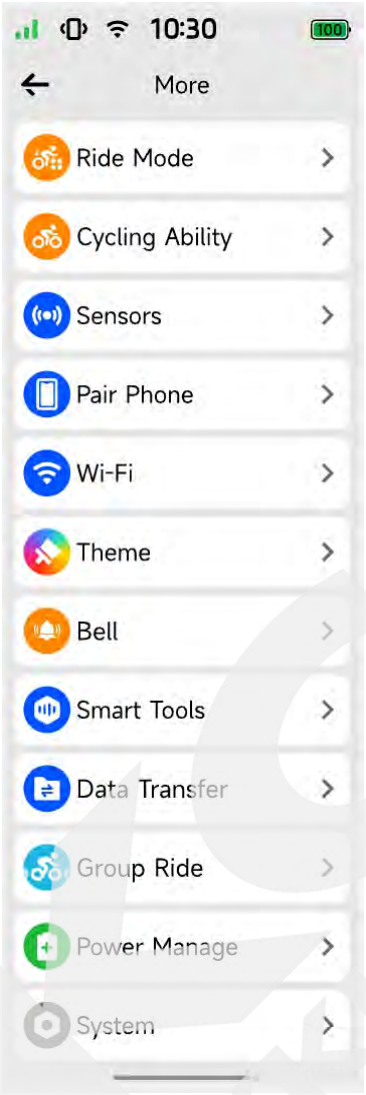
Connect your watch via iGPLink to manage Heart Rate Broadcasting and Vibration Alerts directly from the interface.
Heart Rate Broadcasting
Once enabled, the watch will broadcast your real-time heart rate data to the bike computer.
Vibration Alerts
When specific features are enabled on the bike computer, the watch will provide haptic feedback to ensure you never miss important information.
Alerts include the following three categories:

- **Activity Alerts:** Requires "Motion Detection" to be enabled on the bike computer; the watch alerts you when movement is detected.
- **Navigation Alerts:** Requires "Turn Guidance" to be enabled on the bike computer; the watch alerts you for off-course warnings and upcoming turns.
- **Warning Alerts:** Requires "Alert Settings" to be enabled on the bike computer; the watch alerts you when speed, heart rate, power, or cadence exceeds or falls below your preset limits.



MORE

Select **More** on the home page to view setting options, or you can select the shortcut key to enter **More**.



CYCLING PERFORMANCE

The bike computer analyzes your performance metrics and provides advanced training metrics, including Training Effect, Training Load, Real-Time Stamina, VO2 Max, and Recovery Time.

Notes:

1. Make sure your user profile information (Gender, Age, Weight, and Height) is entered correctly before training.
2. Wear both a heart rate sensor and a power meter during training.

Training Status

1. Select Training Status from the Home page to view your current training status metrics.
2. Swipe left or right to view Training Status, Load Trend, and 7-Day Training Load.

Note:

To generate Training Status and Load Trend data, you must complete rides with both a heart rate sensor and a power meter for at least 7 days. Each ride must last more than 20 minutes.

Recovery Status

Select Recovery Status from the Home page to view your recovery status and estimated full recovery time.

Fitness Level

1. Select Fitness Level from the Home page to view your fitness metrics.
2. Swipe left or right to view Fitness Level, VO2 Max, and Estimated FTP & MAP.

Note: To generate Fitness Level data, complete a moderate-to-high intensity ride lasting at least 20 minutes while using both a heart rate sensor and a power meter.

User Profile

1. Select User Profile from the Home page to view Power Zones, Heart Rate Zones, Gender, Age, Weight, and Height. This information is synced from the App and cannot be edited on the device.
2. Tap Power Zones to view your latest FTP and detailed power zones. Enable Auto Detect to automatically detect new FTP values during workouts.
3. Tap Heart Rate Zones to view the current heart rate zones used by the device. Two methods are available: PHRZ and Manual Entry (only one method can be selected at a time).

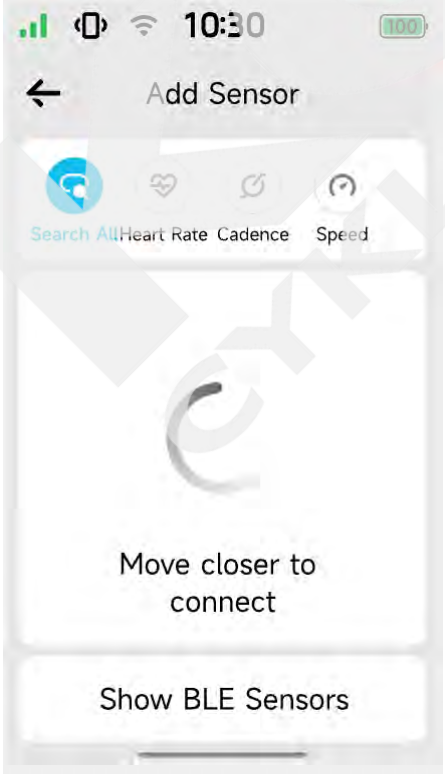
a. PHRZ uses built-in exercise physiology algorithms to automatically detect your cycling heart rate zones.
b. Manual Entry uses the latest heart rate zones synced from App >Personal Settings > HR Zones. It displays your latest Lactate Threshold Heart Rate (LTHR) and detailed heart rate zones. Enable Auto Detect to automatically detect new LTHR values during workouts and update your device's heart rate zones. The heart rate zone type depends on the setting selected in the App, including LTHR Zones, Max HR Zones, and HRR Zones.

SENSORS

The bike computer can be paired with wireless sensors supporting ANT+ and Bluetooth communication protocols, including:heart rate monitors, cadence sensors, speed sensors, power meters, smart trainers, electronic shifters, radar, bike lights, e-bikes, iGPSPORT smart lights and smartwatches. The specific third-party sensors that are compatible with the device subject to the actual connection status.

Sensors Pairing

Before pairing a heart rate sensor, cadence sensor, speed sensor, or third-party power meters, please make sure it has been properly installed. For more information on installing sensors, please refer to their user manuals.



1. Select **Add Sensor** to enter the sensor list, you can search all sensors or search by sensor type.
2. The bike computer starts to search for the sensor.
   - Cadence sensor: rotate the crank arms to wake up the sensor. A flashing red light indicates that the sensor is enabled.
   - Speed sensor: rotate the wheel to wake up the sensor. A flashing red light indicates that the sensor is enabled.
   - Third-party power meter: rotate the crank arms to wake up the sender.
3. When the sensor is found, the model and ID will be displayed. Select the sensor to connect.

4. Select **Connect** to start pairing sensors in batches.
5. After successful pairing, the pop-up of Successful Connection will be displayed and the sensor will be in the sensor list.

Note:

1. Please make sure that the sensor is waken up before pairing. The sensor will automatically connect to the device if it has been successfully paired with it.
2. The sensor needs to search and connect again after replacing the battery.
3. Resetting the device or some firmware upgrades may require to search and connect sensors again.
4. For BLE/ANT+ dual-mode sensors, it is recommended to prioritize the use of ANT+ protocol for connection.

Sensors Settings

The sensor needs to be set to ensure its correct use and accurate measurement. The setting method is as follows: select a connected sensor, open the menu and select the data to set.

- Wheel Size: if you want to pair with a speed sensor, you need set the wheel size. Select the speed sensor, press Confirm and select wheel diameter to set the wheel size. The setting method can refer to the Appendix Common Wheel Diameter Parameters.
- Crank Length: set crank length in millimeters. This setting is only available after this device being paired with a power meter.
- Power Meter Calibration: first, rotate the crank arms to wake up the sensor; second, select Power Calibration in the menu; third, calibrate the power meter following the instructions on the screen. (Please refer to the manufacturer's instructions for specific calibration instructions for power meters.)

Sensors Removing

1. Select a saved sensor to view its options.
2. Select **Forget** to remove this sensor.

THEME

The bike computer supports custom themes, custom widgets, and more.

- Select **Desktop** to switch between theme 1 and theme 2.
- Select **Widget Settings** to view the display status of desktop widgets. Select a widget to view its configuration options.

BELL

1. On the ride page, tap the Bell button to ring the bell.
2. On the ride page, quickly double-tap the screen to ring the bell.

Note: The bell button can be hidden via More > Bell.

SMART TOOLS

Weather

To use the Weather feature, you must pair your bike computer with the iGPSPORT App on your phone. Location Services (iOS) or Location Settings (Android) must also be enabled to receive weather information. You can view weather data synced from the iGPSPORT App directly on your bike computer.

1. On the home screen or status page, select Weather to view weather details. Follow the on-screen prompts to update weather data.
2. Once updated successfully, the weather display will show current conditions, temperature, chance of rain, wind speed, and wind direction.

Smart Notifications

To use the Smart Notifications feature, you must pair your bike computer with the iGPSPORT App on your phone. Once paired, you can receive incoming calls, messages, and app notifications directly on your device.

Note: Keeping Smart Notifications enabled will increase battery consumption on both your bike computer and phone due to the continuous Bluetooth connection.

Motion Detection

Select **Motion Detection** to enable and set this feature, and the bike computer will give a reminder if you forget to record data.

Storm Alert

Configure this feature under More > Smart Tools > Storm Alert.
When enabled, the device will trigger a storm alert if severe weather changes are detected, reminding you to stay safe while riding.

Music Source

For Music Source, you can select either On-Device Music or Phone Music Control.
On-Device Music: Connect the device to a computer via USB cable to import audio files. Files must be placed in the Musics folder within the iGPSPORT directory. Supported audio formats include MP3 and WAV.
To use this feature, you need to install the iGPSPORT app on your phone and keep it connected to the bike computer. Once you open the music app on your phone and play a song, you can control the music using the bike computer.
1. Select any ride mode and enter the riding data page. Swipe left or right to switch to the music control page.
2. You can view the details of the currently playing song.
3. You can control the playback/pause, previous/next song, volume +/volume -.
Note: It supports iOS and Android system (Harmony OS is currently not supported).
If connecting to an Android phone, please enable the "**Smart Notification**" > "**Access Notification**" switch in the iGPSPORT app, or go to the phone's **System Settings** to grant permission.

POWER MANAGE

Select **Power Manage** to view battery saver options. This device supports battery saver, auto sleep and auto power off.

Battery Saver Mode

- Battery Saver Mode can prolong the usage time of the battery, but lower the accuracy of the activity data.
- If the Battery Saver Mode is enabled, the device will change the recording frequency of GPS locations and data from sensors to prolong the usage time. These settings can improve the usage rate of battery and obtain more runtime when in long ride or low battery.
- GPS in Battery Saver Mode will record locations and data from sensors with a lower frequency.

Note: You should close the Battery Saver Mode and charge the device to get a better experience after each ride.

DATA TRANSFER

Select "**Data Transfer**" to enable or disable the transfer feature. When enabled, bike computers with this feature active can mutually transfer routes, segments, and workouts.

LANGUAGE

The device supports multiple languages. You can select a language according to your need.
1. Select **System** > **Language** to view its options.
2. Select a language to switch.

DISPLAY

1. Select System > Display to view display options.
2. Select **Brightness** to turn the automatic backlight on/off. When the auto backlight is enabled, the device will adjust the backlight brightness based on the ambient light. Turning off the auto backlight allows you to manually adjust the daytime and nighttime brightness.
3. Select **Backlight Timeout** to view its options.
4. Select **Night Bright** to turn on/off auto backlight. If Night Bright is turned on, the riding at night will keep the backlight on.

SOUND

1. Select **Key Tones** to turn on/off key tones.
2. Select **Alerts** to turn on/off alerts.

GPS MODE

This device has a built-in multi-band multi-GNSS system, providing data like speed, distance and elevation for different outdoor riding activities.
Select **System** > **GPS** > to enter GPS mode selection menu, and you can select according to different scenarios.

TIME

1. Select **System** > **Time** to view time options.
2. Select **Time Format** to change the time format.
3. Select **Sync with APP Time** to calibrate the bike computer's time through the app.
4. Select **Time Zone** to change the bike computer's time zone.
5. Select **Sync with GPS** to calibrate the bike computer's time via GPS.

UNITS

You can customize units for distance/speed, elevation, temperature and weight.

USER GUIDE

Select **User Guide** to view step-by-step tutorials for the cycling workflow, map operations, and data page configuration.

TOUCHSCREEN

Select **System** > **Touchscreen** to enable/disable the touchscreen and home shortcut.

ELEVATION CALIBRATION

Go to **System > Calibration Settings** > **Set Elevation** to calibrate the elevation.

DEVICE RESET

1. Select **System** > **Device Reset** to view its options.
2. Selecting **Reset** to restore to the default values and ride mode, but history will not be deleted.
3. Select **Delete and Reset** to restore to the default values and ride mode, and history will be deleted.

Note: Delete and reset will restore to the default values, unpair the Bluetooth, clear all data and odometer. Therefore it is suggested that you turn on the auto sync to save your personal data in the iGPSPORT APP > Device > Auto Sync.

DEVICE RESTART

If you have problems when using the device, you can try to restart it. Restarting will not delete any settings or personal data on it. Long press to turn off the device, and press again to restart it.

iGPSPORT APP

In the iGPSPORT APP, you can manage the device, view real-time visual interpretation of activity data, plan training and navigation routes, and communicate with other riders.

USER PROFILE

It is very important to set your physique precisely, especially your weight, height, date of birth, and gender, because these factors affect the accuracy of measurement values, such as heart rate limits and calorie consumption.

You can make settings such as gender, height, weight, date of birth, maximum heart rate, resting heart rate, FTP, and training intervals for parameters such as speed, pedaling frequency, and heart rate in the settings.

ACTIVITY DATA

In the iGPSPORT APP, you can easily access past and planned riding activity data, establish new training targets, get a quick overview of riding activities, analyze detailed summary data, chart records, and various detailed data of your performance in real time. You can view your riding activity records and statistical analysis of data during the activity, and also make statistics of your activity data in different time periods.

BIKE COMPUTER SETTINGS

It is convenient for you to set various functions on the device through the iGPSPORT APP, including adding, editing and enabling the data page view, and setting auto options and alerts. For more information, please see Activity in the iGPSPORT APP.

ACTIVITY SHARING

With the image sharing function of the iGPSPORT, you can share images and training data on the most commonly used social media such as Facebook and Instagram. You can share an existing photo, or you can take a new photo and customize it with your training data. If you have a GPS record during the training, you can also share a snapshot of the training route.

COMMON WHEEL SIZE SETTINGS

Setting wheel size is a prerequisite for correctly displaying of riding information. There are two ways to determine the wheel size of a bicycle:

Way 1: Manually measure the wheels to get the most accurate results.

- Mark the air faucet as the point where the wheel touches the ground. Draw a line on the ground to mark that point. The bicycle moves forward a full circle on a flat surface. The tires should be perpendicular to the ground. Draw another line on the ground at the air faucet to mark a complete rotation of the wheel. Measure the distance between the two lines.
- Subtract 4mm to calculate the weight on the bicycle to get the circumference of the wheel.

Way 2: Look at the diameter (in inches or ETRTO) printed on the wheel. Match it to the wheel size in millimeters in the right column of the chart.

You can check on the Internet and calculate the size that is not included in this list.

Common Wheel Diameter Parameters

Wheel Size	Length（mm)	Wheel Size	Length（mm)
26 x 2.35	2083	12 x 1.75	935
26 x 3.00	2170	12 x 1.95	940
26 x 7/8	1920	14 x 1.50	1020
26 x 1-1/8	1970	14 x 1.75	1055
26 x 1-3/8	2068	16 x 1.50	1185
26 x 1-1/2	2100	16 x 1.75	1195
27 x 1	2145	16 x 2.00	1245
27 x 1-1/8	2155	16 x 1-1/8	1290
27 x 1-1/4	2161	16 x 1-3/8	1300

27 x 1-3/8	2169	17 x 1-1/4	1340
27.5 x 1.50	2079	18 x 1.50	1340
27.5 x 1.95	2090	18 x 1.75	1350
27.5 x 2.10	2148	20 x 1.25	1450
27.5 x 2.25	2182	20 x 1.35	1460
29 x 2.1	2288	20 x 1.50	1490
29 x 2.2	2298	20 x 1.75	1515
29 x 2.25	2281	20 x 1.95	1565
29 x 2.3	2326	20 x 1-1/8	1545
650 x 20C	1938	20 x 1-3/8	1615
650 x 23C	1944	22 x 1-3/8	1770
650 x 25C	1952	22 x 1-1/2	1785
650 x 35A	2090	24 x 1	1753
650 x 38A	2125	24 x 3/4 Tubular	1785
650 x 38B	2105	24 x 1-1/8	1795
700 x 18C	2070	24 x 1-1/4	1905
700 x 19C	2080	24 x 1.75	1890
700 x 20C	2086	24 x 2.00	1925
700 x 23C	2096	24 x 2.125	1965
700 x 25C	2105	26 x 1-1.0	1913
700C Tubular	2130	26 x 1	1952
700 x 28C	2136	26 x 1.25	1950
700 x 30C	2146	26 x 1.40	2005
700 x 32C	2155	26 x 1.50	2010
700 x 35C	2168	26 x 1.75	2023
700 x 38C	2180	26 x 1.95	2050
700 x 40C	2200	26 x 2.00	2055
700 x 44C	2235	26 x 2.10	2068
700 x 45C	2242	26 x 2.125	2070
700 x 47C	2268		

CONTACT US

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DISCLAIMER:

This user manual is for user's reference only. If there is any difference between the device and the manual, please subject to the device. We will not notify otherwise.