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You can read the recommendations in the user guide, the technical guide or the installation guide for GARMIN OREGON 300. You'll find the answers to all your questions on the GARMIN OREGON 300 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual GARMIN OREGON 300
User guide GARMIN OREGON 300
Operating instructions GARMIN OREGON 300
Instructions for use GARMIN OREGON 300
Instruction manual GARMIN OREGON 300



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Manual abstract:

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Mac® OS is a registered trademarks of Apple Computer, Inc. microSD™ is a trademark of SanDisk or its subsidiaries. September 2010 Part Number 190-01070-00 Rev. D Printed in Taiwan Introduction Introduction This manual provides instructions for using the following products: ··· Oregon® 200 Oregon 300 Oregon 400t, 400c, and 400i Oregon 550 and 550t Manual Conventions When you are instructed to "touch" something, use your finger to touch that item on the screen. The small arrows (>) used in the text indicate that you should touch a series of items in order. For example, if you see, "Touch Where To? > Tracks," you should touch the Where To? button on the screen, and then touch Tracks. · Touch or to scroll and see more choices. · Touch to return to the previous screen. · Touch to return to the Main menu. · Touch or on the Map page to zoom in or zoom out.

Tips and Shortcuts Product Registration Help us better support you by completing our online registration today. Connect to our Web site at <http://my.garmin.com>. Keep the original sales receipt, or a photocopy, in a safe place.

See the Important Safety and Product Information guide in the product box for product warnings and other important information. Oregon Series Owner's Manual i Introduction Contact Garmin Contact Garmin Product Support if you have any questions while using your Oregon. In the USA, go to www.garmin.com/support, or contact Garmin USA by phone at (913) 397.

8200 or (800) 800.1020. In the UK, contact Garmin (Europe) Ltd. by phone at 0808 2380000. In Europe, go to www.garmin.com/support and click Contact Support for in-country support information, or contact Garmin (Europe) Ltd. by phone at +44 (0) 870.8501241. If needed, the serial number of your Oregon is located in the battery compartment.

Remove batteries as indicated on page 2. Optional Accessories For a list of available accessories and maps, refer to the Garmin Web site at <http://buy.garmin.com>. ii Oregon Series Owner's Manual Introduction Oregon Series Features Features US Inland Lakes Mapping US, UK, or Aus BlueChart Mapping US, European, Aus, or Canada Topography Altimeter Audio Tones Wireless Communication RS-232/NMEA Serial Alarm Clock 3-Axis Compass 2-Axis Compass Camera High-Speed USB 200 Optional Optional 300 Optional Optional 400t Optional Optional 400c Optional Yes 400i Yes Optional 550 Optional Optional 550t Optional Optional Optional Optional Yes Optional Optional Optional Yes No No No No No No No No No Yes Yes Yes Yes Yes No Yes No No Yes Yes Yes Yes Yes No Yes No No Yes Yes Yes Yes Yes No Yes No No Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Oregon Series Owner's Manual iii Table of Contents Introduction.....

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. 43 v Caring for the Oregon Cleaning the case Use a cloth dampened with a mild detergent solution, and then wipe it dry.



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Avoid cleaners that may damage the plastic components. Cleaning the screen Use a soft, clean, lint-free cloth. Use water, isopropyl alcohol, or eyeglass lens cleaner. Apply the liquid to the cloth and then gently wipe the screen with the cloth. Cleaning the camera lens Clean the lens only when necessary. Use a soft lens cloth. Apply lens cleaning fluid to the cloth and gently wipe the screen with the cloth. vi Oregon Series Owner's Manual Getting Started Getting Started Power key Battery cover Touchscreen Mounting spine Latch mini-USB connector (under weather cap) Oregon Series Owner's Manual 1 Getting Started Battery Information Oregon units operate on two AA batteries.

Use alkaline, NiMH, or lithium batteries. Use precharged NiMH or lithium batteries for best results. Standard alkaline batteries are not recommended for Oregon 550 units when using the camera feature. To install the batteries: 1. Lift the latch and remove the battery cover. Battery cover Latch 3. Replace the battery cover and push the latch down. To select the battery type: 1. Touch Setup > System > Battery Type. 2.

Touch Alkaline, Lithium, Rechargeable NiMH, or Pre-Charged NiMH. Long-Term Storage Remove batteries when you do not plan to use the Oregon for several months. Stored data is not lost when batteries are removed. Turning On and Off the Oregon 1. To turn on the Oregon, press . 2. To turn off the Oregon, press and hold . 2. Insert the batteries, observing polarity. 2 Oregon Series Owner's Manual Getting Started Adjusting the Backlight Level 1.

While the Oregon is on, press and quickly release . Acquiring GPS Satellite Signals Before the Oregon can find your current location and navigate a route, you must acquire GPS signals. 1. Go outdoors to an open area, away from tall buildings and trees. 2. Turn on the Oregon. Acquiring satellite signals can take a few minutes. The bars on the Main menu indicate satellite strength. When the bars are green, the Oregon has acquired satellite signals. 2.

Touch or to adjust the brightness levels. Locking the Screen Lock the screen to prevent inadvertent screen touches. 1. Press and quickly release . 2. Touch Lock Screen (or Unlock Screen). See (page 26) to change the backlight timeout. Oregon Series Owner's Manual 3 Basic Navigation Basic Navigation Accessing Applications from the Main menu You can access all Oregon applications from the Main menu. Creating Waypoints Waypoints are locations you record and store in the Oregon. To mark your current location as a waypoint: 1. Touch Mark Waypoint. 2. Touch Save and Edit. 3. Touch an item from the list to change.

· Touch letters, numbers, or symbols to make the changes. · Touch (except when changing a symbol). Change other attributes, if necessary. · Touch to discard the changes. Main menu Touch or to access additional applications.

To edit or delete a waypoint, see page 13. 4 Oregon Series Owner's Manual Basic Navigation Navigating to a Destination You can use Where To? or choose a point on the map to navigate to a destination with the Oregon. noTe: Depending on your device, you may not see all of the options listed below. See page (page iii) for a list of features available on your device. To navigate to a destination using Where To?: 1. Touch Where To?. 2. Touch a category. 3. Touch one of the following items: · Recent Finds--items you have recently found.

· Waypoints--a list of waypoints (page 4). · Photos--a list of geotagged pictures (the pictures contain location data) (page 19). Oregon Series Owner's Manual Tracks--a list of tracks (page 15). · Geocaches--a list of downloaded geocaches (page 23). · Routes--a list of routes (page 14). · All POI (Points of Interest)--if supported by the preloaded or optompass Calibration. OR From the Compass page, touch and hold the middle of the compass. 2. Touch Start and follow the onscreen directions. "Too Fast," or "Too Slow" may appear, notifying you to adjust your turning speed.

If "Calibration Failed" appears, touch oK, and repeat the process. 10 Oregon Series Owner's Manual Basic Navigation Bearing and Course Pointers The Oregon can use either a bearing or course pointer on the compass. The bearing pointer indicates the direction to your destination, and the course pointer indicates your relationship to a course line leading to the destination. To select a bearing or course pointer, see page 31. The bearing pointer points to your destination, regardless of the direction you are moving.

If the bearing pointer points toward the top of the compass, you are traveling directly toward your destination. If it points any other direction, turn toward that direction until the arrow is pointing toward the top of the compass. Direction you are currently traveling Direction you are currently traveling Bearing to destination Bearing Pointer Course Pointer Scale Bearing to destination Course deviation indicator Course line to destination Oregon Series Owner's Manual 11 Basic Navigation The course pointer provides an indication of drift (right or left) according to the scale shown at the edge of the compass ring. The scale refers to the distance between dots on the course deviation indicator. The course line to your destination is based on your original starting point. Move back to the "course line to destination" to compensate for deviation and to get back on course. This is most useful if you are navigating on water or where there are no major obstacles in your path. It also helps you avoid hazards to either side of the course, such as shoals or submerged rocks. To change the Compass page data fields: 1. On the Compass page, touch a data field. 2. Touch a data type. 12 Oregon Series Owner's Manual Waypoints, Routes, and Tracks Managing Waypoints, Routes, and Tracks Modifying Waypoints You can edit waypoints to change the name, symbol, comment, location, elevation, and depth of the waypoint. On the Oregon 550 or 550t, you can change the picture. You can also use the Waypoint Manager to relocate a waypoint to your current location, and to delete waypoints.

To edit a waypoint: 1. Touch Waypoint Manager. 2. Touch the waypoint. 3. Touch the attribute. 4. Touch letters, numbers, or symbols to make the changes. 5. Touch (except when changing a symbol).

Change other attributes, if necessary. Oregon Series Owner's Manual 6. Touch to discard the changes. To reposition a waypoint to your current location: 1. Touch Waypoint Manager.

2. Touch the waypoint you want to reposition. 3. Touch Reposition Here. To delete a waypoint: 1.

Touch Waypoint Manager. 2. Touch the waypoint you want to delete. 3. Touch Delete Waypoint. To delete all waypoints touch Setup > Reset > Delete All Waypoints > Yes. noTe: On the Oregon 550 or 550t, if you have selected a picture for a waypoint and then you delete the waypoint, the picture will not be deleted.



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13 Waypoints, Routes, and Tracks Creating Routes You can create and store up to 50 routes. To create and navigate a new route: 1. Touch Route Planner > <Create Route> > <Select First Point> to select a starting point.

2. Touch a category. 3. Touch the first item on the route. 4. Touch Use > <Select Next Point>. 5. Repeat until the route is complete. 6. Touch to save the route.

7. Touch > Where To? > Routes to navigate the route. Viewing Stored Routes To view a route on the map: 1. Touch Route Planner. 2.

Touch the route you want to view > View Map. Editing and Deleting Routes You can edit any of your stored routes. To edit a route: 1. Touch Route Planner. 2.

Touch the route you want to edit > Edit Route. 3. Touch the point you want to edit and select from the following options: · Review--shows the point on the map. · Move Down (or Up)-- changes the order of the point on the route. 14 Oregon Series Owner's Manual Waypoints, Routes, and Tracks · Insert--adds an additional point on the route. The additional point is inserted before the point you are editing. Remove--removes the point from the route. Viewing the Active Route 1. Touch Active Route. The points on your current route are shown.

2. Touch a point for additional details. To reverse the order of points on a route: 1. Touch Route Planner. 2. Touch the route you want to reverse > Reverse Route. To delete a route: 1. Touch Route Planner. 2. Touch the route you want to delete > Delete Route.

Managing Tracks A track is a recording of the path you have traveled. Oregon Series Owner's Manual 15 Waypoints, Routes, and Tracks To record your tracks: 1. Touch Setup > Tracks > Track Log. 2. Touch Do Not Record; Record, Do Not Show; or Record, Show On Map.

If you select Record, Show On Map, a line on the Map page indicates your track. · Save Portion--allows you to select a portion of your current track to save. Clear Current Track--erases your current track. To clear your current track: Touch Setup > Reset > Clear Current Track > Yes. To open a saved track: 1. Touch Where To? > Tracks. 2. Touch a saved track. For more information on Tracks setup, see page 27. To save and view your current track: Touch Track Manager > Current Track. · View Map--shows your current track on the map. · Elevation Plot--shows the elevation plot (page 17) for your current track. · Save Track--saves your current route. Archived or loaded tracks are listed on the Track Manager page. You can view the tracks on the map, view elevation plots, or navigate the track.

16 Oregon Series Owner's Manual Additional Tools Additional Tools Using the 3D View The Oregon 400t and 550t have a 3D view. Other Oregon models require DEM (digital elevation model) data that can be found in some Garmin topographic cartography. Go to <http://buy.garmin.com> for compatible map products. 2. Touch to increase the angle of elevation, and touch to decrease the angle of elevation. 3. Touch to pan the 3D map forward, and touch to pan the 3D map backward. 4.

Touch to rotate the view to the left, and touch to rotate the view to the right. Elevation Plot The Oregon 300, 400t, 400c, 400i, 550 and 550t can record elevation changes over distance or time, or pressure (barometric or ambient) changes over time. To set which changes are recorded, see page 32. 1. Touch Elevation Plot to open the Elevation Plot page.

2. To adjust the distance or time scale, touch or . 3D View 1. Touch 3D View. Oregon Series Owner's Manual 17 Additional Tools 3.

To display elevation data, touch a point on the plot. The time, date, and elevation recorded at that point are shown. Data fields 3. Select from the options listed to replace the data type on the screen. Sharing Information Wirelessly The Oregon 300, 400t, 400c, 400i, 550, and 550t can wirelessly share waypoints, routes, tracks, and geocaches with another wireless enabled Garmin recreational handheld. Distance or time scale Elevation Plot Page 1. Place the units within 10 feet (3 meters) of each other. 2. On the Main menu of both units, touch Share Wirelessly. 3.

On the receiving unit, touch Receive. The receiving unit indicates when it is ready to receive data. 4. On the sending unit, touch Send. 5. On the sending unit, touch the category of data to send. Oregon Series Owner's Manual Changing the Elevation Plot Data Fields 1. Touch Elevation Plot > one of the data fields. 2. Touch a data type at the top of the screen.

18 Additional Tools 6. On the sending unit, touch an item to send > Send. 7. Both units indicate that the transfer is complete. 8.

Touch OK on both units. Using the Camera You can take pictures with the Oregon 550 and 550t. These pictures save a location that you can navigate to. noTe: Pictures will be saved and displayed with either landscape or portrait orientation. The orientation is indicated by the camera button position (vertical or horizontal).

To take a picture: 1. Touch Camera. 2. Turn the device horizontally or vertically to change the orientation of the picture. 2. If necessary, press to enable or to disable low-light mode. 3. If necessary, press + or - to adjust the zoom on the camera. 4. To manually focus the camera, touch and hold until the white focus frame turns green.

5. Release the to take the picture. 6. Touch to exit the camera. noTe: To automatically focus the camera, quickly press and release to automatically focus the camera and take a picture. To sort the pictures in the Photo Viewer page: 1. Touch Photo Viewer. 2. Touch . 3.

Select from the following options: · Most Recently · Near a Location · On a Specific Date 19 Oregon Series Owner's Manual Additional Tools To view the location of a picture: 1. Touch Photo Viewer. 2. Touch the picture. 3.

Touch . To delete a picture: 1. Touch Photo Viewer. 2. Touch the picture.

3. Touch . Uploading and Downloading Pictures Log in to www.mygarmin.com and log into your myGarmin account. Connect your Oregon 550 or 550t to your computer using the USB cable. Follow the on-screen directions to upload or download pictures. 1. Copy .jpg images from your computer to the Oregon.

You can load them directly to the Garmin drive or create a new folder on the Garmin drive (page 39). OR Insert a microSD card with .jpg images in the microSD card tray (page 37). 2. On the Main menu, touch Photo Viewer. 3. Touch or to scroll through the pictures. Calculating the Size of an Area Viewing Images The Oregon can display pictures stored on the Oregon or on a microSDTM card. 1. Touch Area Calculation > Start.

2. Walk around the perimeter of the area you want to calculate. 3. Touch Calculate when finished. 20 Oregon Series Owner's Manual Additional Tools Other Tools Depending on your Oregon (see page iii), you can access additional tools.

Select from the following options on the Main menu: · · · · Calendar--use a calendar.



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Calculator--use a calculator. Sun and Moon--view sunrise and sunset times along with the moon phase. Alarm Clock--set your Oregon to sound an alarm. You can also set the unit to turn on at a specific time.

Hunt and Fish--view the predicted best dates and times for hunting and fishing at your current location. Stopwatch--use a timer, mark a lap, and time laps. Monitoring Satellite Reception The Satellite page shows your current location, the GPS accuracy, your current elevation, satellite locations, and signal strength. To view the Satellite page: Touch at the bottom of the Main menu. Satellite locations Elevation Satellite strength Satellite Page · Oregon Series Owner's Manual 21 Additional Tools The green bars indicate GPS satellite strength. White bars indicate that the Oregon is still collecting data. Touch a field to change what is shown in that field. To reset trip data, touch Setup > Reset > Reset Trip Data > Yes. To change the dashboard background: 1. Touch the dashboard at the top of the screen.

2. @@You can download Geocache sites from www.geocaching.com. @@Touch Geocaches > Find a Geocache. 2. Touch a geocache location. 3. Touch Go. A colored line indicates your course.

4. Touch > Compass. 5. @@@@Touch Setup > Profiles. 2.

Touch a profile > Edit Name. 3. Touch letters, numbers, or symbols to make the changes. 4. Touch .

To change the order of the profiles: 1. Touch Setup > Profiles. 2. Touch the profile you want to move. 3. Touch Move Up or Move Down. @@Touch Setup > Profiles. 2. @@On the Main menu, touch Profile Change. Your current profile is indicated on the screen.

2. @@This profile is a copy of your current profile. @@@@·nMeA In/out--provides standard NMEA 0183 output and input. @@@@For information about WAAS, go to www.garmin.com/aboutGPS/waas.html. Language--select the text language on the Oregon. @@@@Background--select a screen background. @@@@2.

Go to the screen you want to capture. 3. Press and quickly release . 4. @@@@orientation--select how the map is shown on the page.

north Up shows north at the top of the page. Track Up shows your current direction of travel toward the top of the page. Automotive Mode shows an automotive perspective with nextturn information to use while driving Automotive Mode Oregon Series Owner's Manual Customizing the Oregon Auto Zoom--automatically selects the appropriate zoom level for optimal use on your map. When off is selected, you must zoom in or out manually. Show Data Fields--hide or show data fields on the Map page.

Advanced Map Setup--set the zoom levels, the text size, and the detail level of the map. · Zoom Levels--select the zoom level for map items. · Text Size--select the text size for map items. · Detail--select the amount of detail shown on the map. Showing more detail may cause the map to redraw more slowly. Map Information--touch the check box to display a map. This can be helpful if several maps are loaded on the Oregon. Oregon Series Owner's Manual Tracks Setup A track is a recording of your path. On the Main menu, touch Setup > Tracks. Track Log--turn track recording on or off.

Record Method--select a track recording method. Touch Distance, Time, or Auto. If your record method is time or distance, enter the specific time or distance interval. Touch Auto to record the tracks at a variable rate to create an optimum representation of your tracks. Interval--select a track log recording rate. Recording points more frequently creates a more detailed track, but fills the track log faster. 27 Customizing the Oregon Customizing the Main Menu You can put frequently-used applications on the first page of the Main menu. To change the order of applications on the Main menu: 1. Touch Setup > Main Menu. 2. Touch the application you want to move. 3. Touch Move Up or Move Down. · on Road For Distance-- calculates on-road routes that are shorter in distance.

Calculate Routes for--select a transportation method to optimize your routes for.

Lock on Road--lock the current location marker on the nearest road, compensating for variances in map position accuracy (requires routable maps). off Road Transitions--select a transition method for routing off roads. · Auto--automatically routes you to the next point. · Manual--allows you to select the next point on the route by touching the point on the active route page. · Distance--routes you to the next point on the route when you are Oregon Series Owner's Manual Routing Setup Touch Setup > Routing.

Guidance Method--select a guidance method for calculating your route. · off Road--calculates point-to-point routes. · on Road For Time--calculates on-road routes that require minimal time to drive. 28 Customizing the Oregon within a specified distance of your current point. Avoidance Setup--touch the road type you want to avoid. locations on or off. Light Sectors--turn the sector in which a navigational light is visible on or off. Selecting Auto causes some light sectors to not be shown when the density of light sectors in an area is high. Symbol Set--select the set of marine navaid symbols. Marine Alarm Setup--turn marine alarms on or off.

· Anchor Drag Alarm--set an alarm to sound when you drift more than a specified distance. · off course Alarm--set an alarm to sound when you are a specified distance off course. · Deep Water--set an alarm to sound when you enter an area of water that is too deep. · Shallow Water--set an alarm to 29 Changing the Camera Settings 1. Touch Setup > Camera. 2. Touch Photo Resolution. 3. Touch High, Normal, or Low to change the resolution of your pictures. 4.

Touch Save Photos To to select the storage location. Changing Marine Settings Touch Setup > Marine. Marine Colors--turn marine colors on or off. Spot Soundings--turn spot soundings that indicate depth Oregon Series Owner's Manual Customizing the Oregon sound when you enter an area that is too shallow. elevation and vertical speed units.

Depth--select depth units in feet, fathoms, or meters for marine use. Temperature--select water temperature in degrees Celsius or degrees Fahrenheit. Pressure--select barometric pressure units in inches (Hg), millibars, or hectopascals. Changing Time Settings Touch Setup > Time. Time Format--select a 12-hour or 24-hour format.

Time Zone--select the time zone for your location. Daylight Saving Time--select Yes to use Daylight Saving Time, no to ignore it, or Automatic to automatically turn on and off Daylight Saving Time. Position Format Use the default settings unless you are using a map or chart that specifies a different position format. To change the position format: Touch Setup > Position Format. Changing Measurement Units Touch Setup > Units. Distance/Speed--select distance and speed units. elevation (Vert. Speed)--select 30 Modifying the Compass Touch Setup > Heading. Display--select the type of directional heading shown on the Oregon Series Owner's Manual Customizing the Oregon compass: · Directional Letters--sets the Compass page reading to directional letters (N, S, E, W).



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· numeric Degrees--sets the Compass page reading to degrees (0°359°).

· Mils--sets the Compass page reading to mils (0 mils1000 mils). north Reference--select the north reference of the compass: · True--sets true north as the heading reference. · Magnetic--automatically sets the magnetic declination for your location. · Grid--sets grid north as the heading reference (0°). · User--allows you to set the magnetic variation value. Oregon Series Owner's Manual Go To Line/Pointer (depending on your unit)--select Bearing to show the Bearing Pointer, which indicates the direction to your destination. Touch Course to select the Course Pointer, which indicates your relationship to a course line leading to the destination (page 11). Compass--select Auto to switch from an electronic compass to a GPS compass when you are traveling at a higher rate of speed for a set period of time. Select off to turn the electronic compass off and use the GPS compass. Calibrate--calibrate the compass (page 10).

Altimeter Setup Touch Setup > Altimeter. Auto Calibration--allow the altimeter to self-calibrate each time 31 Customizing the Oregon you turn the Oregon on. Barometer Mode--select Variable elevation (used when moving) or Fixed elevation (used when stationary, allowing the altimeter to function as a standard barometer). Pressure Trending--select when the pressure data is recorded. Touch Save Always to record pressure data every 15 minutes, even when the Oregon is turned off.

Touch Save When Power on to record data only when the Oregon is turned on. This can be useful when you are watching for pressure fronts. Plot Type--select the elevation plot type: · elevation/Time--records elevation changes over a period of time. · elevation/Distance--records elevation changes over a distance. 32 · Barometric Pressure--records barometric pressure over a period of time.

· Ambient Pressure--records ambient pressure changes over a period of time. To manually calibrate the altimeter: 1. Go to a location where you know the elevation or the barometric pressure. 2. Touch Setup > Altimeter > Press To Begin Altimeter Calibration. 3. Touch Yes if you know the elevation, touch No > Yes if you know the barometric pressure. 4. Enter the elevation or barometric pressure, and then touch . Oregon Series Owner's Manual Customizing the Oregon Pairing the Oregon The Oregon can be used with an optional Garmin heart rate monitor to display your heart rate.

It can also be used with an optional Garmin cadence bike sensor to display your pedaling cadence. When connected to the appropriate Garmin device, the heart rate and bike cadence values are listed as data-field options on the Map page, the Compass page, and the trip computer. Pairing is connecting your Oregon with wireless sensors, such as a heart rate monitor or a cadence bike sensor. After you pair the first time, your Oregon automatically recognizes the wireless sensor whenever they are turned on and within range of each other. To pair the Oregon with a wireless sensor: 1. Place the Oregon within 10 feet (3 meters) of the wireless sensor (heart rate monitor or speed/ cadence bike sensor). 2. Turn the wireless sensor on. 3. On the Main menu, touch Setup > Fitness > Heart Rate Monitor or Bike Cadence Sensor.

4. Touch Search for new. 5. A "Connected" message appears. Note: To prevent your Oregon from communicating with wireless sensors, touch Setup > Fitness > Heart Rate Monitor (or Bike Cadence Sensor) > off.

Oregon Series Owner's Manual 33 Customizing the Oregon Reset 1. Touch Setup > Reset. 2. Touch an item to reset it. Viewing Your Oregon Information On the Main menu, touch Setup > About.

.. to view the Oregon software version, unit ID number, GPS software version, and legal information.v 34 Oregon Series Owner's Manual Appendix Appendix Specifications Physical Size: 4.5 in. H x 2.3 in. W x 1.4 in. D (114 x 58 x 36 mm) Weight: 5.

1 oz. (146 g) without batteries 191.4 g with batteries Display: 3 in. diagonal (76 mm) backlit 65K color TFT display (240 x 400 pixels) Case: Rugged plastic, waterproof to IPX7 Temperature Range: From -4°F to 158°F (from -20 to 70°C)* *The temperature rating of the Oregon may exceed the usable range of some batteries. Some batteries can rupture at high temperatures. Power Source: Two AA batteries (alkaline, NiMH, lithium, or precharged NiMH) alkaline not recommended for Oregon 550 and 550t Battery Life: Up to 16 hours Accuracy GPS: < 33 ft. (10 m) 95% typical* *Subject to accuracy degradation to 100 m 2DRMS under the U.S. DoD imposed Selective Availability (SA) Program when activated. DGPS: Velocity: from 10 to 16 ft.

(from 3 to 5 m) 95% typical (WAAS accuracy in North America) 0.328 ft./sec. (0.1 m/ sec) steady state Oregon Series Owner's Manual 35 Appendix Interfaces: Garmin Proprietary serial, USB mass storage device, NMEA 0183 Data Storage Life: Indefinite; no memory battery required Map Storage: Internal or microSD Card Performance Receiver: more than 12 channel WAAS enabled/High sensitivity Acquisition Times: < 1 second (warm start) < 33 seconds (cold start) < 36 seconds (autolocate) Update Rate: 1/second, continuous Compass: Accuracy: ± 2 degrees 36 (± 5 degrees in extreme Northern and Southern latitudes)* Resolution: 1 degree Altimeter: Accuracy: ± 10 ft.

(± 3 m)* Resolution: 1 ft. (.3 m) Range: from -2,000 ft. to 30,000 ft. (from -610 to 9144 m) * Subject to proper user calibration.

Using Demo Mode Demo mode turns the GPS receiver off for use indoors or for practice. The unit does not track satellites in Demo mode. CAUTION: Do not try to navigate using Demo mode because the GPS receiver is turned off. Any satellite signal-strength bars shown are only simulations and do not represent the strength of actual satellite signals. Oregon Series Owner's Manual Appendix To turn Demo Mode on, touch Setup > System > GPS > Demo Mode.

Installing a microSD Card Connecting Your Oregon to a Computer You can connect the Oregon to your computer using the supplied USB cable. To connect your Oregon to your computer: 1. Lift the weather cap on the bottom of the Oregon. 2. Insert the smaller connector on the USB cable into the USB mini-B jack.

3. Connect the other end of the cable to a USB port on your computer. The Oregon microSD data card tray is located beneath the AA batteries. You can purchase microSD memory cards from an electronics supplier, or purchase preloaded detailed map data cards from your Garmin dealer. In addition to map and data storage, the memory cards can be used to store files such as images, cartridges, geocaches, routes, waypoints, and custom POIs. Go to <http://buy.garmin.com> for compatible map products. To install or remove a microSD card: 1. Lift the latch on the back of the Oregon (page 2) and remove the battery cover and the batteries.



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2. Lift the metal cover. Oregon Series Owner's Manual 37 Appendix 3. Push the card into the microSD card tray and close the metal cover. cartridges, geocaches, routes, waypoints, and custom POIs. metal cover microSD card tray microSD card Transferring Files to Your Computer After you have connected the device to your computer, you can copy and paste files from your computer into the device drives/volumes. 1. 2. 3. 4. Browse your computer for the file. Select the file. Select Edit > Copy. Open the "Garmin" or memory card drive/volume. 5. Select Edit > Paste. 4. To remove the microSD card, lift the metal cover and remove the card from the microSD card tray. 5. Replace the batteries and the battery cover.

In addition to map and data storage, the microSD card can be used to store files such as images, Wherigo 38 Before transferring data to or from a Web site directly to the Oregon, install the Garmin Communicator plug-in from www.garmin.com/products/communicator. Oregon Series Owner's Manual Appendix Loading and Deleting Files You can use the Oregon as a USB mass storage device, and you can purchase a separate microSD card for additional external memory. **noTe:** The Oregon is not compatible with Windows® 95, 98, Me, or NT. It is also not compatible with Mac® OS 10.3 or earlier. To load a file onto the Oregon or microSD card: 1. Remove the battery cover and insert a microSD card (page 37). 2.

Connect the USB cable to the Oregon and your computer. 3. Copy the file from your computer. 4. Paste the file into the Garmin or the microSD card/volume. To delete a file from the Oregon or microSD card: 1. Open the Garmin or SD card drive/volume. 2. Highlight the file and press the Delete key on your computer keyboard. CAUTION: When deleting files, do not delete pre-programmed map data (files that end with "

img"). @@@@. Select a shorter backlight timeout (page 26). @@. If you plan on using the Oregon extensively in your automobile, consider purchasing a vehicle power cable (<http://buy.garmin.com>). Restoring Factory Default Settings You can restore your Oregon to the original factory settings. Changes you have made using Setup are restored to the default settings. To restore factory settings, touch Setup > Reset > Restore Defaults to Factory Settings > Yes. 40 Oregon Series Owner's Manual Appendix Attaching the Carabiner A carabiner with a clip comes with the Oregon 300 and 400 series units and is optional with 200 series units. 1.

Position the carabiner clip in the slots on the mounting spine of the Oregon. Carabiner Mounting spine Carabiner clip To remove the carabiner clip, lift the bottom of the clip and slide the carabiner clip off the mounting spine. Calibrating the Touchscreen The Oregon screen does not normally require calibration. However, if the buttons do not seem to be responding properly, use the following process. To calibrate the touchscreen: 1. While the unit is turned off, press and hold the Power key for approximately 30 seconds. 2. Follow the instructions on the screen until "Calibration is complete" is displayed. 2. Slide the clip up until it locks in place.

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