

Wrist-worn GPS Flight Navigation with Pulse Ox Sensor

- Premium GPS aviator watch with wrist-based Pulse Ox sensor¹ tracks blood oxygen saturation
- Aviation functions include dynamic color mapping, NEXRAD weather², airport data, automatic flight logging, alerts, connectivity with select avionics and more
- Smart notifications² help you keep in touch on the go, while sport watch functions offer wrist-based heart rate¹, activity profiles, fitness tracking² and more
- Easily store and play up to 500 songs on your watch, and connect with audio panel or headset (sold separately) equipped with Bluetooth[®] technology for phone-free listening³
- Garmin Pay[™] contactless payment solution⁴ lets you make convenient payments with your watch, so you can leave your cash and cards at home
- Battery performance⁵: up to 20 days in smartwatch mode and 18 hours in GPS + Pulse Ox mode (depending on settings)

The Garmin D2 family of premium GPS aviator watches was the first to put true global flight navigation capability on the wrists of forward-looking pilots and flying enthusiasts. Now, with our D2 Delta series, we've brought this technology to whole new levels of capability and connectivity. With advanced aviation and sport watch functions, these sleek new designs — available in 3 sizes — accent your style while helping to navigate your day. These watches also include handy features such as storage for up to 500 songs and our Garmin Pay contactless payment solution.

D2 Delta PX for High-flying Aviators

Featuring a full-sized (51 mm) form factor with an elegant titanium gray diamond-like carbon (DLC) finished bezel and bracelet-style watch band plus scratch-resistant domed sapphire crystal lens, the D2 Delta PX model is our most evolved, most sophisticated aviation wearable to date. Built for extra-rugged durability in demanding environments, it's a true GPS-based flight system that you can count on to provide reliable situational reference and backup navigation in your cockpit. What's more, it's our first D2 series watch to offer a wrist-based Pulse Ox sensor¹ for blood oxygen saturation awareness. Then, between flights, you can use the latest sport watch features — including Elevate[™] wrist-based heart rate monitoring¹, daily activity tracking², training metrics and more — to keep up with your personal fitness goals. For these intense activities, each D2 Delta version comes with a soft, flexible black silicone sports band, offering easy QuickFit[®] band replacement without tools. And wherever you travel, smart notifications¹ (emails, text messages, alerts and more) can display on the watch to help you stay in the know while on the go.

Check Oxygen Saturation

The Pulse Ox sensor on D2 Delta PX uses light beams at your wrist to determine the percentage of hemoglobin in your bloodstream and show your body's oxygen saturation level. This O₂ saturation level is dependent upon a number of factors, including your overall health condition, breathing rate and activity level. Checking with Pulse Ox can help you gain awareness of how well your body's oxygen levels are adjusting to the thinner air at higher altitudes.



Fly Direct-to or Navigate Flight Plans

Using its built-in worldwide airport database, the D2 Delta PX aviator watch lets you access our signature Direct-to and Nearest routing functions by simply pressing either of 2 dedicated buttons. So, you can fly straight to the location or waypoint of your choice — or find the nearest airport if you need to land quickly. You can also view your flight path in relation to nearby navaids, airports, intersections and other surface features on the watch's full-color moving map — or follow the instrument-like HSI course needle to your destination. It's easy to pan and zoom the moving map to quickly expand your view of airports, waypoints, weather activity and VFR reference features such as roads, cities, bodies of water and more. And by setting your own waypoints, you can navigate to any location not included in the database. In fact, you can even create Mark on Target waypoints to easily reference — and return to — locations over which you've flown.

separately) to your cockpit avionics system, allowing you to use our [Connex[®]](#) technology to stream information between your compatible Garmin GPS navigator and your D2 Delta PX watch. The synced GPS position data enables even more precise mapping detail on your watch. Plus, using a data field display, you can stream other information — such as altitude, airspeed, outside air temperature and more — onto your D2 Delta PX in real time.

Sync up Your Flight Plan

In addition to the data streaming features, there's another advantage to having the optional Flight Stream 510 in your aircraft. When connected to your D2 Delta series, Flight Stream 510 will automatically transfer flight plan changes from your compatible avionics to D2 Delta. This wireless flight plan transfer also works with our [Garmin Pilot™](#) app, so your watch will always be in sync with your compatible Garmin products. What's more, you can connect D2 Delta PX via a network



Enhanced Cockpit Connectivity

For even more work-saving convenience, you can add our [Flight Stream 510](#) wireless gateway (sold

equipped with Wi-Fi® technology to wirelessly update the preloaded databases that come with your watch. A compatible ADS-B “In” device, such as our portable GDL® 50 receiver, will further enable the Garmin Pilot app to relay notifications of potential traffic targets, as well as other situational alerts, to your D2 Delta PX watch.

Weather with Radar Overlay

For at-a-glance updates on the weather, D2 Delta PX works wirelessly with your compatible smartphone to keep you informed. You can access location-based meteorological reports (METARs) and terminal forecast (TAF) information — including winds, visibility, precipitation, cloud cover, temperature, dew point, barometric pressure and more. A quick “hot key” shortcut — pressing Direct-to and Down keys — brings up high-resolution radar graphics (NEXRAD), overlaid on the moving map. So, you can easily access the data you need for weather trend awareness and smart preflight decision-making.



Flight Logging Is Automatic

With wireless connectivity to your smartphone, the D2 Delta series can make quick work of flight logging and other record keeping tasks. During takeoff, the watch will detect your aircraft’s change in altitude and automatically initiate the logbook function — recording date, duration, total flight time and route. Then after your flight is complete, it will sync this logbook data via your smartphone to flyGarmin.com® and the Garmin Pilot app for safekeeping.

Customizable Features

Customizable data fields on your D2 Delta PX watch let you easily access the data that’s most important to you — such as current GPS groundspeed, GPS track, distance from waypoints/airports, estimated time en route, bearing, glide ratio and other key flight parameters. A handy altitude alerting feature can be set to notify you when reaching or leaving a preselected altitude. You can also select a stopwatch

function for timing approaches or flight legs. There are vibration alerts to let you know when you've drifted off course or reached your desired altitude. And a baro-based configurable O2 Altitude alert feature will vibrate to remind you when supplemental oxygen is required. There are also various other timer functions with vibrating alerts that activate when it's time to switch fuel tanks or perform other time-critical tasks.



Advanced Multisport Features

Beyond its full range of flight-related functions, D2 Delta PX also offers a complete feature set of sports/training, fitness and outdoor navigation tools. You can tap into an array of [physiological metrics](#), [running dynamics](#), fitness tracking features and more — so you can monitor your workout stats, measure your progress and help avoid injury. Special preloaded activity profiles are provided for golfing, swimming, running, biking, hiking, rowing, skiing and more. In addition to counting steps and monitoring sleep, your D2 Delta PX uses Elevate wrist heart rate technology¹ to provide calories burned information and quantify the intensity of your fitness activities. For added motivation, you can download advanced workouts and training plans from our [Garmin Connect™](#) online community.



A Little Traveling Music

Wherever you are — in the air or on the land — your favorite tunes are always right at hand, thanks to your D2 Delta PX and its on-device music storage for up to 500 songs. It's easy to transfer music from your computer and queue up a playlist of favorites you can enjoy through your [Bluetooth technology-enabled audio panel](#), headphones or headset³ (sold separately). For more ad-free listening on the go, you can even sync your playlists to your watch from select music streaming services.



Pay with a Wave of Your Hand

To help keep pace with your active lifestyle, all D2 Delta watches feature our [Garmin Pay](#) contactless payment solution⁴. Use it to pay for purchases so you can breeze through checkout lines while leaving your cash and cards at home. It works just about anywhere there's a scanner for contactless payments.



Custom Apps, Watch Faces and Bands

Want to express your individuality? It's easy to customize your D2 Delta PX watch with free downloads from our [Connect IQ™](#) store. Change your watch face, add data fields, or get apps and widgets for information at a glance. There's also a wide selection of QuickFit bands in your choice of premium leather, metal or silicone — so you can reconfigure the watch for any occasion, activity or adventure, with no tools required. Just swap, click and go. At Garmin, we're all about offering the options to make your D2 aviator watch uniquely yours.





¹This is not a medical device and is not intended for use in the diagnosis or monitoring of any medical condition; see [Garmin.com/ataccuracy](https://www.garmin.com/ataccuracy). Pulse Ox not available in all countries.

²When paired with a compatible smartphone; see [Garmin.com/ble](https://www.garmin.com/ble)


³Requires compatible Bluetooth listening device (A2DP Bluetooth profile)

⁴[View current supported country, payment network and issuing bank information](#)

⁵Battery life may vary depending on selected performance mode and usage

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General

LENS MATERIAL	domed sapphire crystal
BEZEL MATERIAL	titanium
CASE MATERIAL	fiber-reinforced polymer with metal rear cover
QUICKFIT™ WATCH BAND COMPATIBLE	yes (26 mm)
STRAP MATERIAL	silicone or titanium
PHYSICAL SIZE	51 x 51 x 17.5 mm
COLOR DISPLAY	
DISPLAY SIZE	1.2" (30.4 mm) diameter
DISPLAY RESOLUTION	240 x 240 pixels
DISPLAY TYPE	sunlight-visible, transfective memory-in-pixel (MIP)
WEIGHT	87 g
BATTERY LIFE	Smartwatch mode: Up to 20 days GPS mode: Up to 32 hours GPS + SPO2: Up to 18 hours GPS + Music: Up to 13 hours UltraTrac™ mode: Up to 70 hours
WATER RATING	10 ATM
MEMORY/HISTORY	16 GB

Clock Features

TIME/DATE	
GPS TIME SYNC	
AUTOMATIC DAYLIGHT SAVING TIME	
ALARM CLOCK	
TIMER	
STOPWATCH	

SUNRISE/SUNSET TIMES	✓
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Sensors

GPS	✓
GLONASS	✓
GALILEO	✓
GARMIN ELEVATE™ WRIST HEART RATE MONITOR	✓
BAROMETRIC ALTIMETER	✓
COMPASS	✓
GYROSCOPE	✓
ACCELEROMETER	✓
THERMOMETER	✓
PULSE OX	yes (with Acclimation)

Daily Smart Features

CONNECT IQ™ (DOWNLOADABLE WATCH FACES, DATA FIELDS, WIDGETS AND APPS)	✓
SMART NOTIFICATIONS	✓
TEXT RESPONSE/REJECT PHONE CALL WITH TEXT (ANDROID™ ONLY)	✓
CONNECTIVITY	Bluetooth®, ANT+®, Wi-Fi®
CALENDAR	✓
WEATHER	✓
CONTROLS SMARTPHONE MUSIC	✓
PLAYS AND CONTROLS WATCH MUSIC	✓
MUSIC STORAGE	up to 500 songs
FIND MY PHONE	✓
FIND MY WATCH	✓
VIRB® REMOTE	✓
SMARTPHONE COMPATIBILITY	iPhone®, Android™

GARMIN PAY™	✓
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Outdoor Applications

COMPATIBLE WITH BASECAMP™	✓
PAIRS WITH GARMIN CONNECT™ MOBILE	✓

Safety and Tracking Features

LIVETRACK	✓
GROUP LIVETRACK	✓

Tactical Features

DUAL GRID COORDINATES	✓
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Aviation Features

WORLDWIDE AIRPORT DATABASE(S)	✓
ALTIMETER WITH ADJUSTABLE BARO SETTING	✓
3-AXIS COMPASS WITH HSI (HORIZONTAL SITUATION INDICATOR)	✓
MULTIPLE TIME ZONES WITH ZULU/UTC	✓
WIRELESSLY RECEIVE FLIGHT PLANS FROM GARMIN PILOT™	✓
NEXRAD ON MOVING MAP	✓
MOVING MAP WITH AVIATION AIRPORTS, NAVAIDS, ROADS, BODIES OF WATER AND MORE	✓
WAYPOINT INFORMATION PAGE	✓
WORLDWIDE NAVAID AND INTERSECTION DATABASE(S)	✓
CONNEXT AVIONICS CONNECTIVITY	✓
IN-FLIGHT PULSE OX	✓

Activity Tracking Features

STEP COUNTER	✓
MOVE BAR (DISPLAYS ON DEVICE AFTER A	✓

PERIOD OF INACTIVITY; WALK FOR A COUPLE OF MINUTES TO RESET IT)	✓
AUTO GOAL (LEARNS YOUR ACTIVITY LEVEL AND ASSIGNS A DAILY STEP GOAL)	✓
SLEEP MONITORING (MONITORS TOTAL SLEEP AND PERIODS OF MOVEMENT OR RESTFUL SLEEP)	✓
CALORIES BURNED	✓
FLOORS CLIMBED	✓
DISTANCE TRAVELED	✓
INTENSITY MINUTES	✓
TRUEUP™	✓
MOVE IQ™	✓
FITNESS AGE	yes (in app)
ALL-DAY STRESS TRACKING	✓

Gym & Fitness Equipment

AVAILABLE GYM ACTIVITY PROFILES	Strength, Cardio and Elliptical Training, Stair Stepping, Floor Climbing, Indoor Rowing and Yoga
CARDIO WORKOUTS	✓
STRENGTH WORKOUTS	✓
AUTOMATIC REP COUNTING	✓








Training, Planning and Analysis Features

GPS SPEED AND DISTANCE	✓
CUSTOMIZABLE DATA PAGES	✓
CUSTOMIZABLE ACTIVITY PROFILES	✓
AUTO PAUSE®	✓
INTERVAL TRAINING	✓
ADVANCED WORKOUTS	✓
DOWNLOADABLE TRAINING PLANS	✓
AUTO LAP®	✓
	✓




MANUAL LAP	✓
CONFIGURABLE LAP ALERTS	✓
V02 MAX	✓
TRAINING STATUS (LETS YOU SEE IF YOU'RE TRAINING EFFECTIVELY BY TRACKING YOUR TRAINING HISTORY AND FITNESS LEVEL TREND.)	✓
TRAINING LOAD (YOUR TOTAL TRAINING LOAD FOR THE LAST 7 DAYS CALCULATED FROM ESTIMATED EPOC)	✓
TRAINING EFFECT	✓
TRAINING EFFECT (ANAEROBIC)	✓
CUSTOM ALERTS	✓
AUDIO PROMPTS	✓
FINISH TIME	✓
VIRTUAL PARTNER	✓
RACE AN ACTIVITY	✓
AUTO MULTISPORT ACTIVITIES	✓
MANUAL MULTISPORT ACTIVITIES	✓
COURSE GUIDANCE	✓
GARMIN LIVE SEGMENTS	✓
STRAVA LIVE SEGMENTS	✓
ROUND-TRIP COURSE CREATOR (RUNNING/CYCLING)	✓
TRENDLINE™ POPULARITY ROUTING	✓
TOUCH AND/OR BUTTON LOCK	✓
HOT KEYS	✓
AUTO SCROLL	✓
ACTIVITY HISTORY ON WATCH	✓

Heart Rate Features

HR ZONES	✓
	✓












HR ALERTS	
HR CALORIES	
% HR MAX	
% HRR	
RECOVERY TIME	
AUTO MAX HR	
HRV STRESS TEST (MEASURES YOUR HEART RATE VARIABILITY WHILE STANDING STILL, FOR 3 MINUTES, TO PROVIDE YOU WITH AN ESTIMATED STRESS LEVEL; THE SCALE OF THIS IS 1 TO 100; LOW SCORES INDICATE LOWER STRESS LEVELS)	yes (with compatible accessory)
HR BROADCAST (BROADCASTS HR DATA OVER ANT+™ TO PAIRED DEVICES)	

Running Features




AVAILABLE RUN PROFILES	Running, Treadmill Running, Trail Running
GPS-BASED DISTANCE, TIME AND PACE	
RUNNING DYNAMICS	yes (with compatible accessory)
VERTICAL OSCILLATION AND RATIO (THE DEGREE OF 'BOUNCE' IN YOUR RUNNING MOTION AND THE COST-BENEFIT RATIO WITH STRIDE LENGTH)	yes (with compatible accessory)
GROUND CONTACT TIME AND BALANCE (SHOWS HOW MUCH TIME, IN THE RUNNING MOTION, YOUR FOOT IS ON THE GROUND RATHER THAN IN FLIGHT AND LETS YOU CHECK YOUR RUNNING SYMMETRY)	yes (with compatible accessory)
STRIDE LENGTH (REAL TIME)	yes (with compatible accessory)
CADENCE (PROVIDES REAL-TIME NUMBER OF STEPS PER MINUTE)	
PERFORMANCE CONDITION (AFTER RUNNING 6–20 MINUTES, COMPARES YOUR REAL-TIME CONDITION TO YOUR AVERAGE FITNESS LEVEL)	
LACTATE THRESHOLD (THROUGH ANALYSIS OF YOUR PACE AND HEART RATE, ESTIMATES THE POINT WHERE YOUR MUSCLES START TO RAPIDLY FATIGUE)	yes (with compatible accessory)

RUN WORKOUTS	
RACE PREDICTOR	
FOOT POD CAPABLE	

Golfing Features

PRELOADED WITH 41,000 COURSES WORLDWIDE	
YARDAGE TO F/M/B (DISTANCE TO FRONT, MIDDLE AND BACK OF GREEN)	
YARDAGE TO LAYUPS/DOGLEGS	
MEASURES SHOT DISTANCE (CALCULATES EXACT YARDAGE FOR SHOTS FROM ANYWHERE ON COURSE)	Automatic
DIGITAL SCORECARD	
STAT TRACKING (STROKES, PUTTS PER ROUND, GREENS AND FAIRWAYS HIT)	
GARMIN AUTOSHOT™	
AUTO COURSEVIEW UPDATES	
GREEN VIEW WITH MANUAL PIN POSITION	
HAZARDS AND COURSE TARGETS	
TRUSWING™ COMPATIBLE	
ROUND TIMER/ODOMETER	

Outdoor Recreation Features

AVAILABLE OUTDOOR RECREATION PROFILES	Hiking, Climbing, Mountain Biking, Skiing, Snowboarding, XC Skiing, Stand Up Paddleboarding, Rowing, Kayaking, Jumpmaster, Tactical
BREAD CRUMB TRAIL IN REAL TIME	
BACK TO START	
TRACBACK®	
ULTRATRAC MODE	
AROUND ME MODE	

ELEVATION PROFILE	✓
DISTANCE TO DESTINATION	✓
BAROMETRIC TREND INDICATOR WITH STORM ALERT	✓
CLIMBPRO™ ASCENT PLANNER	✓
TRAIL RUN AUTO CLIMB	✓
VERTICAL SPEED	✓
TOTAL ASCENT/DESCENT	✓
FUTURE ELEVATION PLOT	✓
PRELOADED TOPOGRAPHICAL MAPS	✓
DOWNLOADABLE CARTOGRAPHY SUPPORT	✓
COMPATIBLE WITH BASECAMP™	✓
GPS COORDINATES	✓
PROJECTED WAYPOINT	✓
SIGHT 'N GO	✓
AREA CALCULATION	yes (via Connect IQ™)
POINT-TO-POINT NAVIGATION	✓
HUNT/FISH CALENDAR	yes (via Connect IQ™)
SUN AND MOON INFORMATION	yes (via Connect IQ™)
XERO™ LOCATIONS	✓

Cycling Features

ALERTS (TRIGGERS ALARM WHEN YOU REACH GOALS INCLUDING TIME, DISTANCE, HEART RATE OR CALORIES)	✓
COURSES	✓
CYCLE MAP (ROUTABLE CYCLING-SPECIFIC STREET MAP)	✓
AVAILABLE CYCLING PROFILES	Biking, Mountain Biking, Triathlon
BIKE LAP AND LAP MAXIMUM POWER (WITH POWER SENSOR)	✓

RACE AN ACTIVITY	✓
FTP (FUNCTIONAL THRESHOLD POWER)	yes (with compatible accessory)
COMPATIBLE WITH VECTOR™ (POWER METER)	✓
POWER METER COMPATIBLE	✓
COMPATIBLE WITH VARIA VISION™ (HEAD-MOUNTED DISPLAY)	✓
COMPATIBLE WITH VARIA™ RADAR (REAR-FACING RADAR)	✓
COMPATIBLE WITH VARIA™ LIGHTS	✓
SPEED AND CADENCE SENSOR SUPPORT (WITH SENSOR)	yes (ANT+® and Bluetooth® Smart sensors)

Swimming Features

AVAILABLE SWIM PROFILES	Pool Swimming, Open Water Swimming, Swimming/Running
OPEN-WATER SWIM METRICS (DISTANCE, PACE, STROKE COUNT/RATE, STROKE DISTANCE, SWIM EFFICIENCY (SWOLF), CALORIES)	✓
POOL SWIM METRICS (LENGTHS, DISTANCE, PACE, STROKE COUNT, SWIM EFFICIENCY (SWOLF), CALORIES)	✓
STROKE TYPE DETECTION (FREESTYLE, BACKSTROKE, BREASTSTROKE, BUTTERFLY) (POOL SWIM ONLY)	✓
DRILL LOGGING (POOL SWIM ONLY)	✓
BASIC REST TIMER (UP FROM 0) (POOL SWIM ONLY)	✓
"REPEAT ON" REST TIMER (POOL SWIM ONLY)	✓
POOL SWIM WORKOUTS	✓
HEART RATE FROM EXTERNAL HRM (REAL-TIME DURING RESTS, INTERVAL AND SESSION STATS DURING RESTS, AND AUTOMATIC HEART RATE DOWNLOAD POST-SWIM)	yes (with HRM-Tri™ and HRM-Swim™)

inReach® Features

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WEATHER