

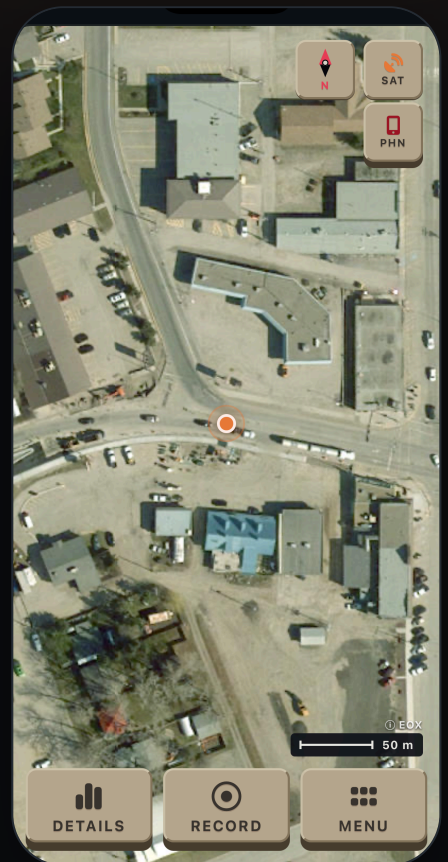


ALLTRAXX

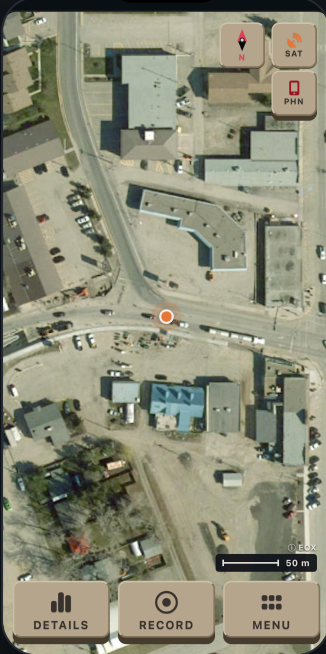
OWNER'S MANUAL

Ride it. Track it. Find your way **back.**

Your GPS trail recorder for
the backcountry — phone
app and AllTraxx trail module.



What AllTraxx is, and the two ways to use it.



The map — your home screen

AllTraxx remembers where you rode

Open the app and you're on the map, standing on a glowing orange dot — that's you. Start a recording and AllTraxx draws your path as you ride, saves it when you stop, and can walk you back to where you started. Everything lives on your phone. No signal, no account, and no monthly fee — the app is yours for good.

Offline maps saved on the phone

Private rides stored on-device

Glove-friendly big deck buttons

Two ways to get your position

- **Phone GPS** — works out of the box. Good enough to record and retrace most rides.
- **AllTraxx trail module** — a small tracker that mounts on your bike and feeds a stronger, more accurate GPS fix to your phone over Bluetooth. When it's connected, AllTraxx uses it automatically. See **Section 10**.

Good to know: Keep the app open on-screen while you record. If you lock or minimize the phone during a ride, tracking may pause — AllTraxx picks up again the moment you reopen it, and never throws away the part you already recorded.

2 The map is home

Everything starts here. Three big buttons along the bottom, three small ones up top.



DETAILS Show your live numbers — speed, distance, elevation, time.

MENU Everything else — your rides, Way Back, maps, settings.

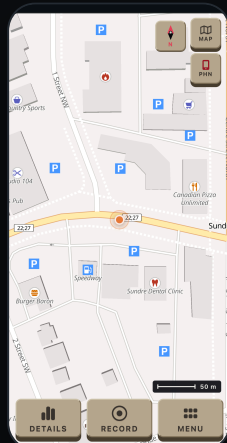
RECORD Start a new ride. While recording it turns into a red STOP.



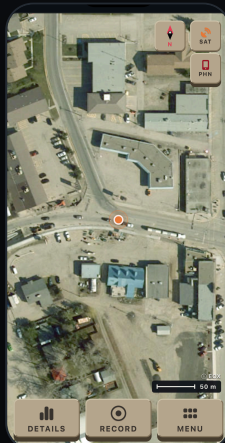
Compass Tap to switch the map between **N** (north always up) and **TRK** (map turns as you turn).

GPS source Shows what's giving your position: **PHN** = phone, **TRK** = AllTraxx module.

Layer Tap to switch between **MAP** (street + trail lines) and **SAT** (satellite photos).



MAP — streets, trails & place names



SAT — satellite imagery

The orange dot is always **you**. The scale bar tells you how far things are.

3 Record a ride

One tap to start, one tap to stop. It saves itself.

New Track

Ride — Friday, Jul 3

COLOR



Cancel

Start

Name it and pick a colour

- 1 Tap **RECORD** at the bottom of the map.
- 2 The **New Track** box opens with today's date already filled in as the name. Leave it, or tap the name to type your own.
- 3 Pick a **colour** for the trail line — eight to choose from, so different rides stand out on the map.
- 4 Tap **Start**. You're recording.

While you ride

Your path draws behind you in the colour you picked. The **RECORD** button is now a red **STOP** — that's how you know a ride is being recorded.

Want your numbers on-screen? Tap **DETAILS** anytime (next section).

When you're done

- Tap the red **STOP** button.
- The ride saves automatically into **My Traxx** — nothing else to do.



Your path draws as you ride

You can't lose a ride you recorded. As soon as you tap STOP it's written to your phone. Your only saved copy is on the device, so back up the ones that matter by exporting them (Section 5).

Your live numbers

Speed, distance, climb and time — on a strip you can flick on and off.



The DETAILS strip

Tap DETAILS to show it

A tall strip slides in on the left with the four numbers that matter on the trail:

- **KM/H** — how fast you're going right now.
- **KM** — how far this ride has gone.
- **ELEV** — your elevation (metres climbed / above sea level).
- **TIME** — how long you've been recording.

Tap **DETAILS** again to hide it and get the full map back. Switch between metric and imperial in **Settings → Map**.

It works before and during a ride

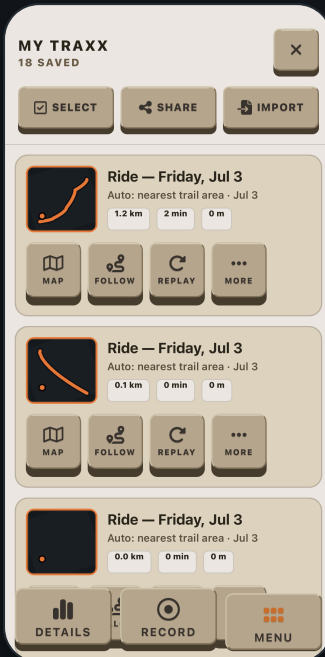
Standing still, DETAILS shows zeros and your current elevation. Once you're recording and moving, every number climbs in real time — here the rider is doing **47 km/h**, **1.2 km** in, **2:31** on the clock.



Numbers update live as you ride

My Traxx — your saved rides

Every ride you record lands here. Open it from **MENU → MY TRAXX**.



Every ride, newest first

Each ride is a card

A little preview of the trail line, the name, the date, and the ride's distance, time and elevation. Under every card are four buttons:

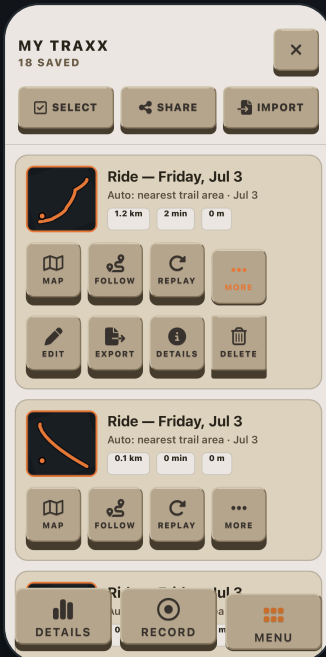
- **MAP** — drop this ride onto the map to look at it.
- **FOLLOW** — retrace this exact route live as you ride it again.
- **REPLAY** — watch the ride play back like a little movie.
- **MORE** — Edit, Export, Details and Delete (below).

The toolbar up top

- **SELECT** — tick several rides at once.
- **SHARE** — send rides to a friend.
- **IMPORT** — bring in a **.gpx** file from another app or GPS.

5 Working with a saved ride

Back it up, share it, or watch it play back — from **MENU** → **MY TRAXX**.



MORE → Edit · Export · Details · Delete

Export keeps your rides safe

Tap **MORE** on any ride, then **EXPORT**, to save it as a standard **.gpx** file — the format Garmin and every other mapping app understands. Send it to yourself, drop it on a computer, or load it into another program. It's your backup.

EDIT renames or recolours the ride.

DETAILS shows the full stats.

DELETE removes it — only ever when you say so.

Replay a ride

Tap **REPLAY** and the ride plays back across the map, a marker riding the line. The control bar lets you **pause**, change **speed** (1× up to 5×), **fit** the whole ride on screen, or **close** the replay.

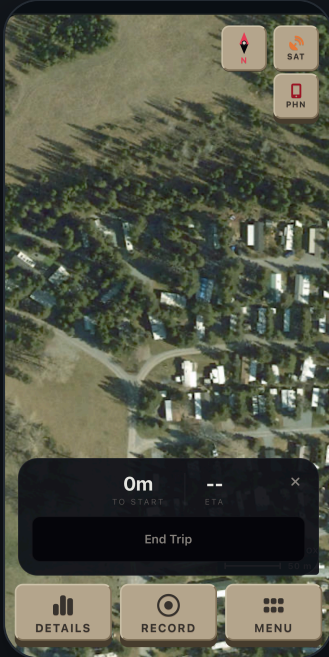
Great for reliving a run — or showing your buddies exactly the line you took.



Replay: pause · speed · fit · close

Find your way back

Lost the trail? AllTraxx retraces your own breadcrumbs back to the start.



Distance to start & ETA

How it works

As you ride, AllTraxx quietly drops breadcrumbs behind you. When it's time to head home, open **MENU → WAY BACK** and it lays your own path back out in front of you.

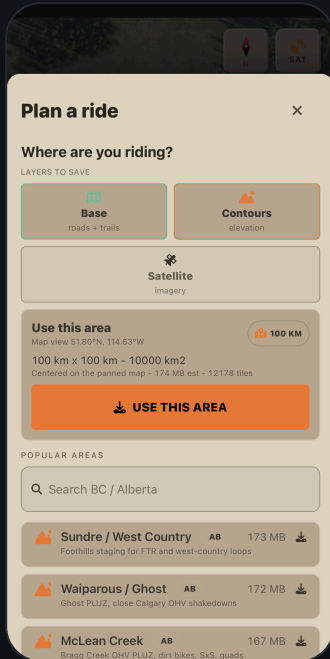
- **TO START** — how far, in a straight line, back to where you began.
- **ETA** — a rough estimate of the time to get there.
- **End Trip** — tap it when you're safely back to stop retracing.

Because it follows the ground you already covered, Way Back keeps you on trails you know are rideable — not a straight line through a cliff.

Steadiest results with the AllTraxx module. Way Back works on phone GPS alone, and gets even more precise when the trail module is feeding position (Section 10).

7 Download maps before you go

There's no cell signal deep in the bush. Save the maps to your phone at home, on wifi.



Pick layers and an area

Open MENU → PLAN A RIDE

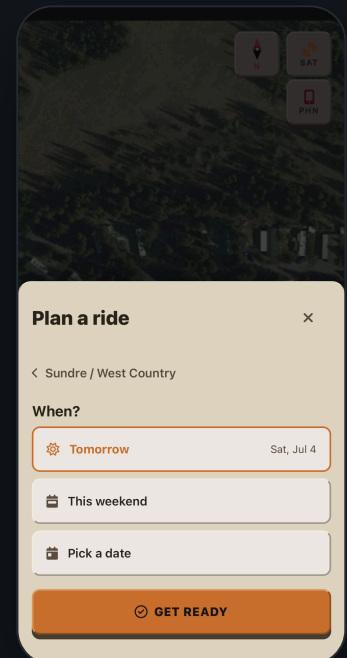
- 1 Choose which **layers to save**: **Base** (roads + trails), **Contours** (elevation lines), and **Satellite** (photos). Tap to turn each on or off.
- 2 Choose an **area**. Either pan the map and tap **USE THIS AREA**, or pick a ready-made spot from **Popular Areas** below.
- 3 AllTraxx shows the size before you commit — square kilometres, estimated storage and tile count.

Popular Alberta staging areas are built in: **Sundre / West Country**, **Waiparous / Ghost**, **McLean Creek**, and more — just search.

Say when, then Get Ready

- 1 Pick when you're riding — **Tomorrow**, **This weekend**, or **Pick a date**.
- 2 Tap **GET READY**. AllTraxx downloads the maps for that area onto your phone.

Do this on wifi — map areas can be a couple hundred megabytes. Once it's downloaded it's yours, offline, forever (or until you remove it).

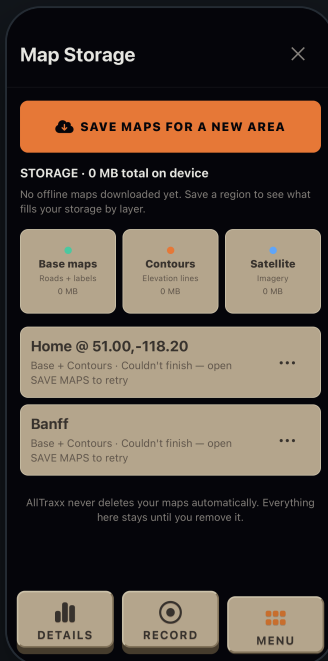


Pick when, then Get Ready

8 Your offline maps

See what's saved on your phone and clear out what you don't need.

MENU → MAP STORAGE



Storage by layer and by area

What's on the phone

The top shows how much space your maps use in total. The three tiles break it down by layer:

- **Base maps** — roads and labels.
- **Contours** — elevation lines.
- **Satellite** — imagery (the biggest one).

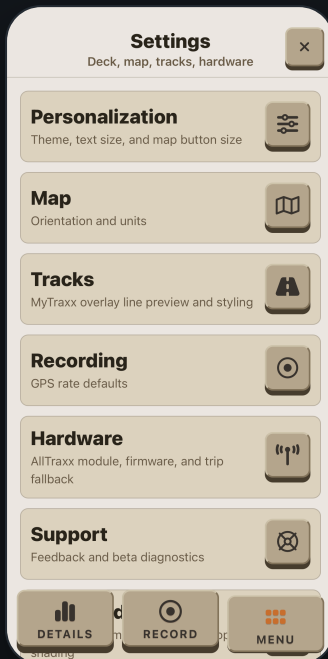
Below that, each saved **area** is its own row. Tap the ... on a row to remove that area, or use **SAVE MAPS FOR A NEW AREA** to grab another region — or to retry one that didn't finish downloading.

AllTraxx never deletes your maps on its own. Everything you download stays put until *you* remove it. Nothing disappears the night before a ride.

Make it yours

Bend the app to your eyes, your gloves and your units.

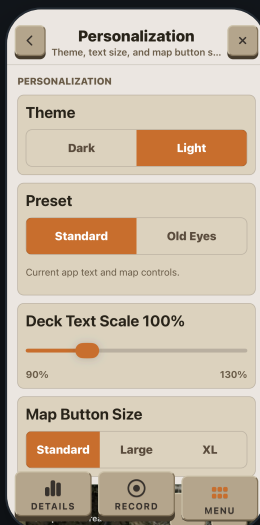
MENU → SETTINGS



The settings menu

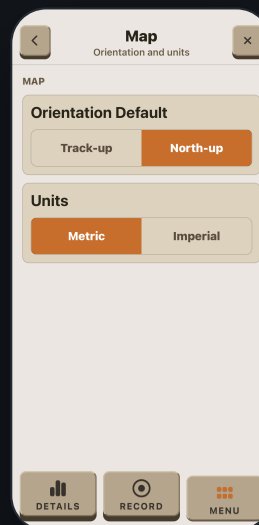
What's in here

- **Personalization** — theme, text size, button size.
- **Map** — orientation and units.
- **Tracks** — how your ride lines look on the map.
- **Recording** — how often GPS logs a point.
- **Hardware** — your AllTraxx module and its updates (Section 10).
- **Support** — send feedback and diagnostics.
- **Advanced & About** — the fine print.



Personalization

- **Theme** — Dark for night and glare, Light for bright days.
- **Old Eyes preset** — one tap makes text and controls bigger.
- **Deck Text Scale** — fine-tune button text 90–130%.
- **Map Button Size** — Standard, Large or XL for gloves.



Map

- **Orientation Default** — start every ride Track-up or North-up.
- **Units** — Metric (km, metres) or Imperial (miles, feet).

You can still flip orientation on the fly with the compass button on the map.

The AllTraxx module

A rugged little tracker for your bike that gives your phone a stronger, more accurate GPS fix.

What it is

The AllTraxx module is a self-contained GPS tracker built on the Heltec Wireless Tracker (V1.2). It has its own multi-band GNSS receiver, a rechargeable battery, USB-C charging, and a small colour screen. It mounts on the bike and streams its position to your phone ten times a second over Bluetooth.

Why bother, if the phone has GPS?

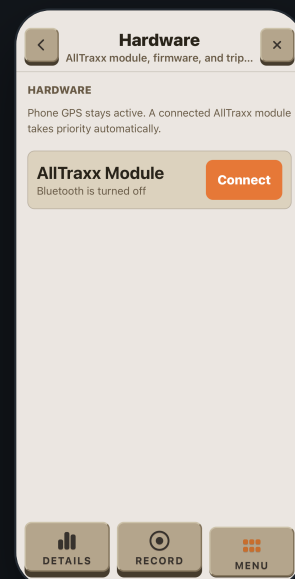
The module's receiver tracks GPS, GLONASS, Galileo and BeiDou on two frequencies at once, so it holds a tight, **sub-metre** fix in trees and canyons where a phone drifts. When it's connected, AllTraxx uses it automatically and falls back to the phone if it ever drops.

Positioning	Multi-band GNSS, 10 Hz	Link to phone	Bluetooth "AllTraxx-GPS"
Power	USB-C, built-in LiPo	Screen	0.96" colour TFT
Operating range	-20 °C to +70 °C	Size	65 × 28 × 14 mm

Pairing it — a five-second job

- 1 Power the module on and set it where it can see the sky.
- 2 On the phone, open **MENU → SETTINGS → Hardware** (or tap the GPS badge on the map) and make sure Bluetooth is on.
- 3 Tap **Connect** and choose your module.

Once connected, the map's GPS badge switches from **PHN** to **TRK** and AllTraxx rides on the module's fix. Pair once — it reconnects on its own after that.



Settings → Hardware → Connect

Living with the module

Its screen, its button, and how it keeps itself up to date.

The module's screen

- Shows satellites locked, lock status and accuracy ($\pm$ metres).
- Battery and temperature gauges along the side.
- Dims after 2 minutes, sleeps the screen after 5 to save battery — a quick tap of the button wakes it.
- Plug in USB-C and the screen shows a charging indicator.

Power button & updates

- **Wake:** a short press wakes the screen.
- **Sleep:** hold the button ~3 seconds to put the module into deep sleep; press again to wake it.
- **Updates:** new module firmware arrives over Bluetooth from the app (Settings → Hardware) — no cable, and it can't be bricked by a bad update.

Note: Bluetooth pairing happens between a real phone and a real module, so those exact steps aren't pictured here. Everything else in this manual is the app exactly as you'll see it.

Before every ride

A short checklist so the day goes smooth.

- **Download your maps at home**, on wifi, in Plan a Ride. No signal needed on the trail once they're saved.
- **Charge the module** (USB-C) and pair it before you leave the truck.
- **Keep the app open** and the screen on while recording.
- **Tap RECORD to start**, ride, tap STOP to finish — it saves itself.
- **Riding with gloves?** Turn on *Old Eyes* and bump Map Button Size to Large or XL.
- **Back up the good ones** — export a ride to .gpx from My Traxx → MORE → Export.
- **Lost?** MENU → Way Back retraces your own path to the start.
- **The orange dot is you.** The scale bar shows distance; the compass flips North-up / Track-up.



ALLTRAXX

Ride it. Track it. Find your way back.

Built by Coding Fox Corp · Support: Settings → Support