

How To Plan GT-31 Routes in Google Maps

Version 0.3
Nov 12th, 2008

Step1. Create GPX Route files

1.1 Login <http://www.walkjogrun.net/>. Select [Home] and find your start address by city names (like Taipei) or coordinates (like N25 03.714 E121 38.745).

Introduction to WalkJogRun - Mozilla Firefox

檔案 (F) 編輯 (E) 檢視 (V) 歷史 (S) 書籤 (B) 工具 (I) 說明 (H)

http://www.walkjogrun.net/

Map Satellite Hybrid

- Create a route
- Find a route
- Save route
- Remove marker

Home Routes Community Login Help

WalkJogRun Blog Feedback Media Mentions About

Welcome to WalkJogRun

Find your start address (Help):
Taipei Search

What is this?
Simply put, it's a running route planner and a distance/speed calculator. I've been using it to set up a route before I grab my running shoes.

SHARE

How does it work?
Click on the map to set a starting point. Then keep clicking from point to point to draw a route. Click on any of the markers for your route and see how far this point is from the start and what the estimated time would be for a given speed.

[Create an account](#) to see all your runs in one place and sign up for our mailing list chock full of goodies. Click here for [past mailings](#).

Building a running community
You can save your maps by clicking on any of your markers and hit "Save Your Route" to add it to the database. Next time you or anyone else looking in your neighborhood is looking for a route, they will see your pin.

1.2 Click [Create a route] menu item to start creating a new route. A route of 4 waypoints was created in this example. The maximum number of waypoints in a GT-31 route is 125.

Running Routes - WalkJogRun - Mozilla Firefox

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http://www.walkjogrun.net/

即時新聞 新手上路 GM2GPX Nav!t! Bookmarklet

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Locosys Technology Running Routes - WalkJog...

Map Satellite Hybrid

Create a route

Find a route

Hi GT31 My Profile Logout

Walk Jog Run
Putting runners on the map.

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Find your start address (Help):

Search

WalkJogRun Route List
The list of routes is filtered to show the 30 most recently added routes in the area currently displayed on the map. If the route was created by a member you can click on their name to see a list of all the routes they created.

View Routes by distance:
[3 m](#) | [4 m](#) | [8 k](#) | [10 k](#) | [13.1 m](#) | [26.2 m](#) | [Custom](#)

- 1 resovoir & town** (6.6 miles / 10.7km)
created 11.02 by guest
[Bookmark/Share](#) [Bookmark](#) [Email](#) [Delete](#)
- 2 Chapelwood Route** (2.2 miles / 3.6km)
created 11.02 by guest
[Bookmark/Share](#) [Bookmark](#) [Email](#) [Delete](#)
- 3 Preston Park - Portslade - Rottingdean 21 miler** (21.2 miles / 34.1km)
created 11.02 by guest
[Bookmark/Share](#) [Bookmark](#) [Email](#) [Delete](#)
- 4 golf course** (5.8 miles / 9.4km)
created 11.02 by [alibosh](#)
5.86 mi run to biltmore

200 ft
50 m
Imagery ©2008 DigitalGlobe, GeoForce Technologies, GeoEye - Terms of Use

Running Routes - WalkJogRun - Mozilla Firefox

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Cancel
Save this route
Undo last point

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New Running Map
Didn't find what you were looking for? [Return to route list](#)

Turn #	This Leg		Total	
	Dist	Time	Dist	Time
1	0.08 km	0:01	0.08 km	0:01
2	0.03 km	0:00	0.11 km	0:01
3	0.08 km	0:01	0.19 km	0:02

Dist 0.19 km Speed 4.8 km/h change
Pace 12.4 mins per km change Time 0:02 change
Calories 16.9 for 190 pound person change

200 ft
50 m

Google Maps

1.2 Click [Save route] menu item to save the route.

Running Routes - WalkJogRun - Mozilla Firefox

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Locosys Technology Running Routes - WalkJog...

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Turn #	This Leg		Total	
	Dist	Time	Dist	Time
1	0.08 km	0:01	0.08 km	0:01
2	0.03 km	0:00	0.11 km	0:01
3	0.08 km	0:01	0.19 km	0:02

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50 m

Google Maps

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Map Satellite Hybrid

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Walk Jog Run
Putting runners on the map.

Community Help

Current

? Return to route list

Total	Dist	Time
1	0.08 km	0:01
0	0.11 km	0:01
1	0.19 km	0:02

Dist 0.19 km Speed 4.8 km/h change
Pace 12.4 mins per km change Time 0:02 change
Calories 16.9 for 190 pound person change

Google 200 ft 50 m eoEye - Terms of Use

Save this route

Enter a name for your route.

LOCOSYSROUTE

Enter a brief description for your route. e.g. walk/run/cycle, flat/hilly, traffic, water stops.

My first GT-31 route planned on Google Map

Make route private

Add this route to a Group?

You're not a member of any groups yet or not logged in.

Save new route

1.4 Click [Route Actions][Export] to save the GPX route to your local folder. The file name looks like this: rt80AB899B-060D-8EF6-F1E18BBFC2AD8397.gpx

LOCOSYSROUTE Running Route - A Google Pedometer - Mozilla Firefox

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http://www.walkjogrun.net/routes/current_route.cf.m?rid=603A1

Locosys Technology LOCOSYSROUTE Runnin...

Map Satellite Hybrid

- Cancel
- Save this route
- Undo last point

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Putting runners on the map.

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Why Your Belly is Fat
I fought with excess belly fat for years until I found this 1 trick.
Ads by Google

LOCOSYSROUTE Running Map
Description: My first GT-31 route planned on Google Map
Created by [GT31](#)

Didn't find what you were looking for? [Return to route list](#)

Route Actions

- Save
- Email
- Claim
- Delete
- Export

[Share Route](#)

Total			
Time	Dist	Time	
0:01	0.08 km	0:01	
0:00	0.11 km	0:01	
0:01	0.19 km	0:02	

Dist 0.19 km Speed 4.8 km/h change
Pace 12.4 mins per km change Time 0:02 change
Calories 16.9 for 190 pound person change

Google 200 ft 100 m

LOCOSYSROUTE Running Route - A Google Pedometer - Mozilla Firefox

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Locosys Technology LOCOSYSROUTE Running...

Map Satellite Hybrid

Cancel
Save this route
Undo last point

Export Your Route
You can export a route in one of two formats: [KML](#) or [GPX](#).
KML is the format used by Google Earth
GPX is a common format for navigation devices like the Garmin Forerunner.
Please note that you should use caution when using routes exported to a navigation device. Use common sense to prevent accidents like running off cliffs because the device told you to!

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Route Actions [Share Route](#)

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200 ft
100 m

Google Technologies, GeoEye - Terms of Use

Step2 . Convert GPX route files to GT-31 route files.

2.1 Run GT-31 GPX-Route utility, load the GPX file created in step 1.4.

Waypoint Name: Start
 Icon: 0 Star
 Icon Change Macro
 Waypoint Name Change Macro

Route Name: LOCOSYSROUTE
 Total Points: 4
 Total Dist.: 0.12miles
 Unit: km mile

NO	WPT Name	Latitude	Longitude	Icon	Leg Dist.	Total Dist.
1	Start	25.062014	121.645158	0 ★		
2	Turn 1	25.062310	121.645893	0 ★	0.05	0.05
3	Turn 2	25.062004	121.646054	0 ★	0.02	0.07
4	Finish	25.061698	121.645330	0 ★	0.05	0.12

LOCOSYS

2.1 Edit the route name, waypoint names and icons if needed. The maximum length of route name is 12. The maximum length of waypoint name is 6. The valid characters are 0..9,A..Z. The waypoint names in the GPX route files are generated automatically. It is better to re-assign waypoint names.

Click [Save Route] to store the results in a GT-31 route.

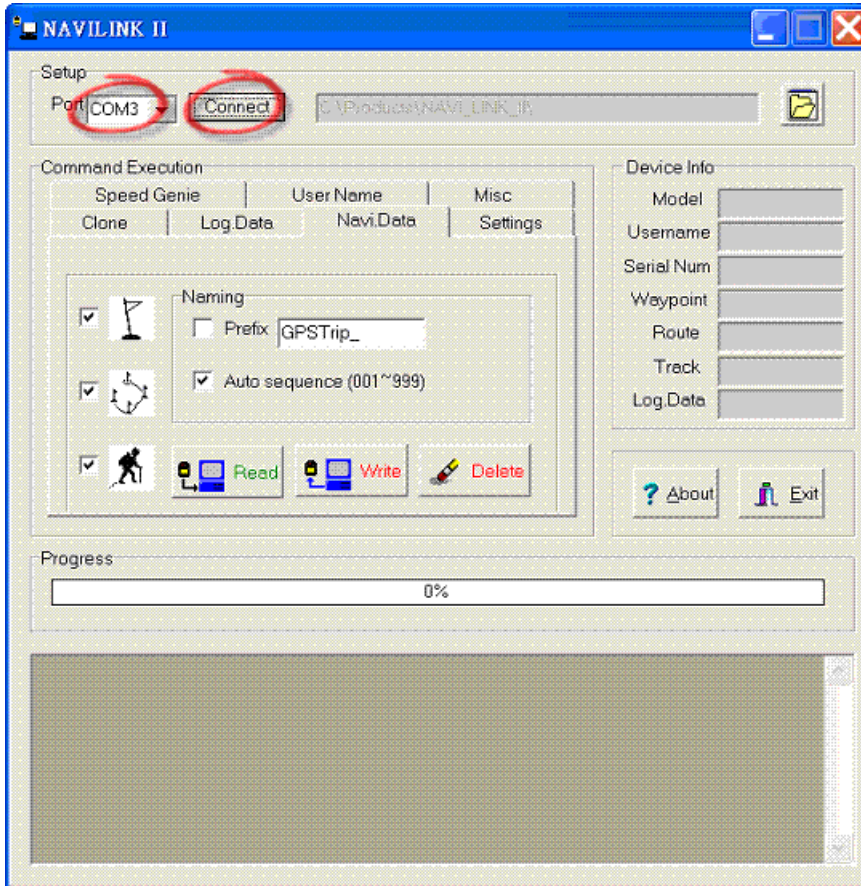
Click [Save Route] to save and convert the route.


NO	WPT Name	Latitude	Longitude	Icon	Leg Dist.	Total Dist.
1	LSWP01	25.062014	121.645158	1 ↑		
2	LSWP02	25.062310	121.645893	1 ↑	0.05	0.05
3	LSWP03	25.062004	121.646054	1 ↑	0.02	0.07
4	Finish	25.061698	121.645330	0 ★	0.05	0.12

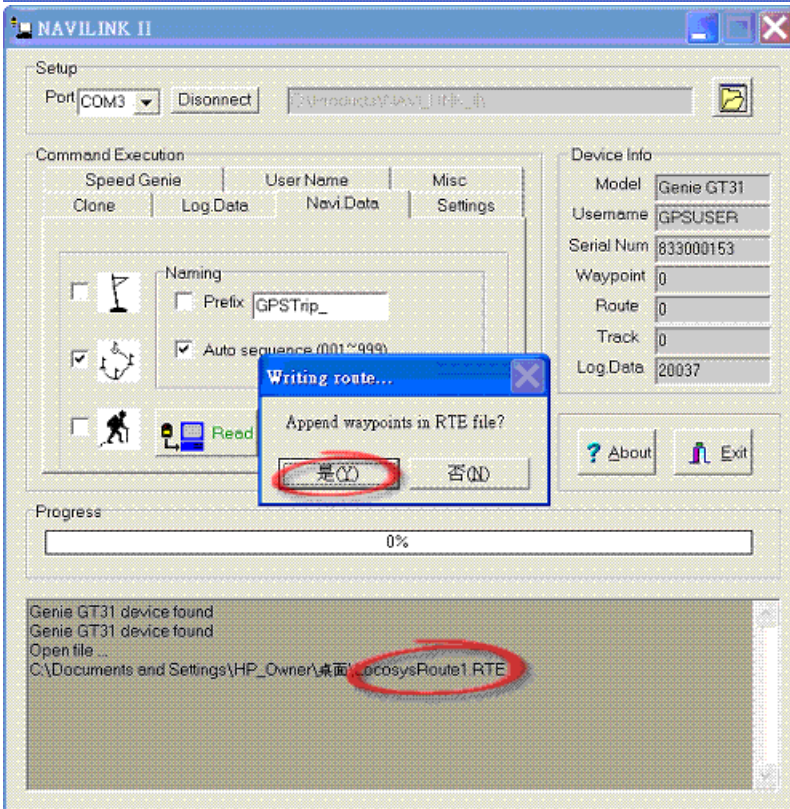
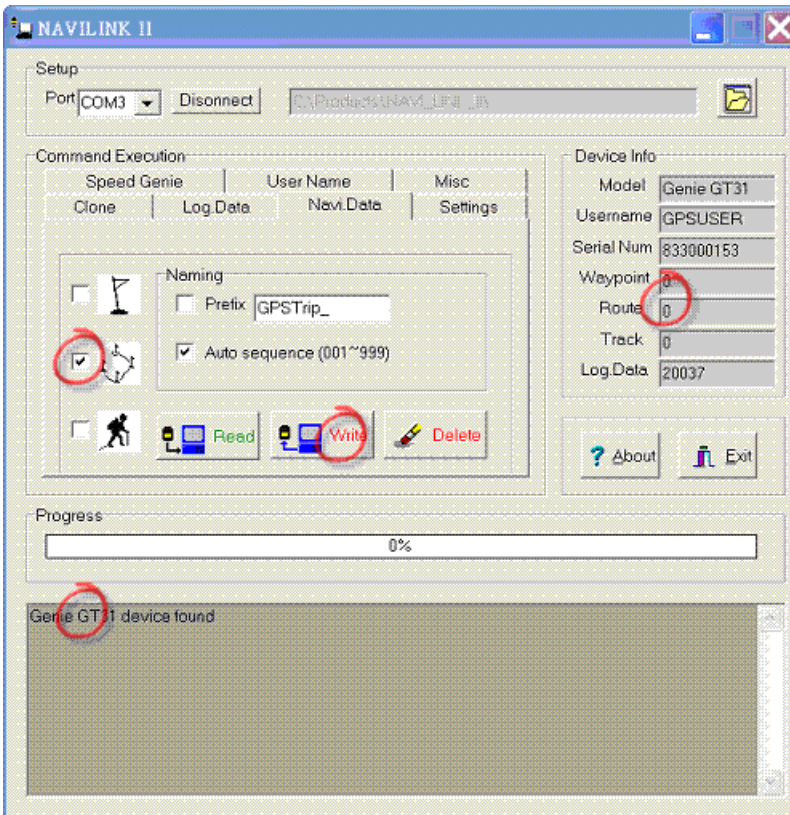
Step 3. Upload GT-31 route

3.1 Set your GT-31 device to NAVILINK mode and connect USB cable to the host PC.

Run NAVILINKII (v2.20 or above) in host PC. Select COM port properly and press [Connect] button to start connection.



3.2. Select [Navi.Data] page in [Command Execution] panel. Enable route option only () and click [Write] button to select the GT-31 route file(*.rte) created in Step 2.1 and start uploading.



3.2. After a route is uploaded, the current number of waypoints and routes can be found in the [Device Info] panel. The maximum number of waypoints is 1000 and the maximum number of routes is 20.

