

# **How To Plan GT-31 Routes in Google Maps**

Version 0.1  
Jun 13<sup>th</sup>, 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

Walk Jog Run  
Putting runners on the map.

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### 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.

# LOCOSYS

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

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Route List Current Route Cities My Routes

1 Trick to Lose Belly Fat  
I Tried For Years to Lose Belly Fat Until  
I Found This 1 Ab Secret  
Ads by Google

### New Running Map

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

SHARE

Save

Turn #	This Leg Dist	This Leg Time	Total Dist	Total Time
1	0.07 km	0:01	0.07 km	0:01
2	0.03 km	0:00	0.11 km	0:01
3	0.07 km	0:01	0.18 km	0:02

Dist 0.18 km Speed 4.8 km/h [change](#)  
Pace 12.4 mins per km [change](#) Time 0:02 [change](#)  
Running Calories 16.1 for 190 pound person [change](#)

# LOCOSYS

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

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http://www.walkjogrun.net/

Map Satellite Hybrid

- Create a route
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- Remove marker

**Save Your Route**

You can only save changes to a route if you are logged in. If you are not logged in, you can only save it as a new route.

Enter a name for your route.  
LocosysRoute1

Enter a brief description for your route.  
GT31 Route, Locosys Building

Make route private

Save new route

**Walk Jog Run**  
Putting runners on the map.

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**New Running Map**

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

SHARE

Save

Turn #	This Leg		Total	
	Dist	Time	Dist	Time
1	0.07 km	0:01	0.07 km	0:01
2	0.03 km	0:00	0.11 km	0:01
3	0.07 km	0:01	0.18 km	0:02

Dist 0.18 km Speed 4.8 km/h [change](#)  
Pace 12.4 mins per km [change](#) Time 0:02 [change](#)  
[Running](#) Calories 16.1 for 190 pound person [change](#)

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

LocosysRoute1 Running RouteA Google Pedometer - Mozilla Firefox

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

http://www.walkjogrun.net/routes/index.cfm?rid=80AB899B-060D-8E

Map Satellite Hybrid

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

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大同路一段

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  
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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LocosysRoute1 Running Map

Description: GT31 Route, Locosys Building

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

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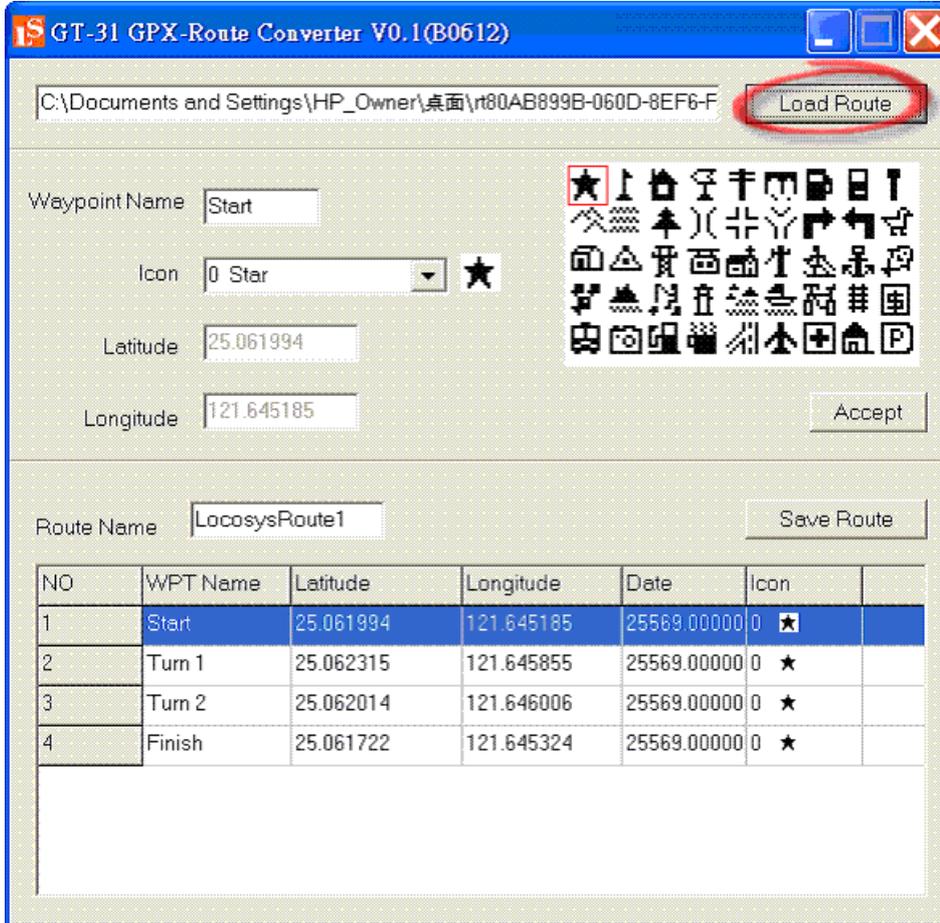
Save Email Claim Delete Route Export Route

Turn #	This Leg		Total	
	Dist	Time	Dist	Time
1	0.07 km	0:01	0.07 km	0:01
2	0.03 km	0:00	0.11 km	0:01
3	0.07 km	0:01	0.18 km	0:02

Dist 0.18 km Speed 4.8 km/h [change](#)  
Pace 12.4 mins per km [change](#) Time 0:02 [change](#)  
Running Calories: 16.1 for 190 pound person [change](#)

## 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.



# LOCOSYS

2.1 Edit the route name, waypoint names and icons. The maximum length of route name is 13. The maximum length of waypoint name is 6. The valid characters are 0..9,A..Z. The waypoint names in GPX route files are auto generated. It is better to re-assign waypoint names.

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

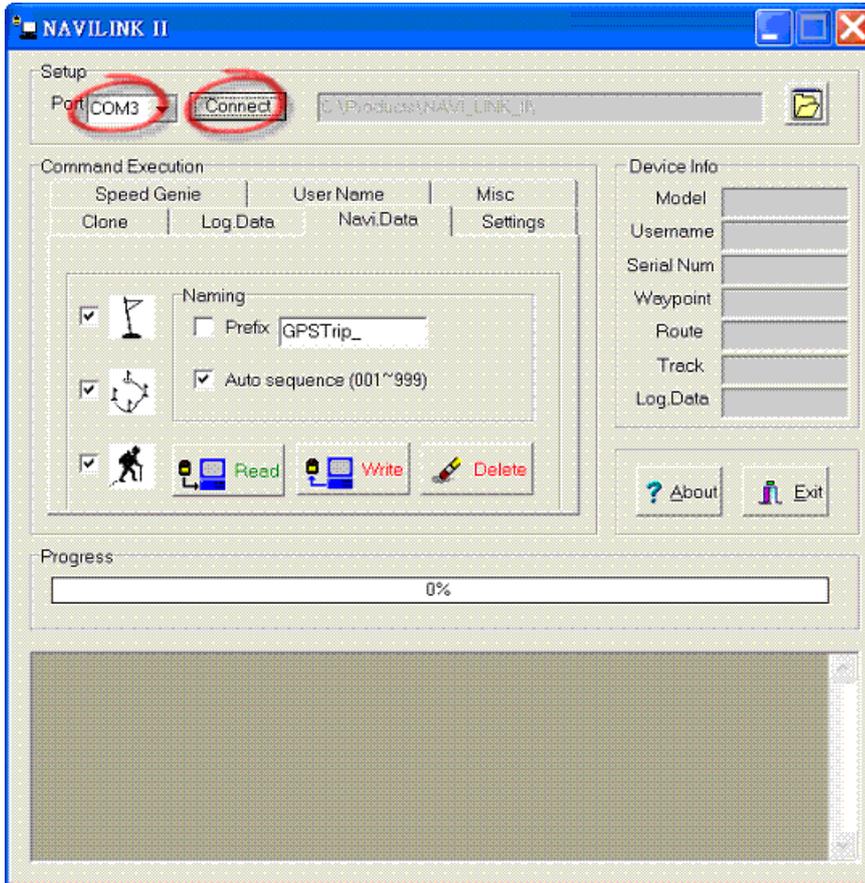
Waypoint Name: LSWP04  
Icon: 0 Star  
Latitude: 25.061722  
Longitude: 121.645324  
Route Name: LocosysRoute1  
Save Route

NO	WPT Name	Latitude	Longitude	Date	Icon
1	LSWP01	25.061994	121.645185	25569.00000	1 ↑
2	LSWP02	25.062315	121.645855	25569.00000	15 ↗
3	LSWP03	25.062014	121.646006	25569.00000	15 ↗
4	LSWP04	25.061722	121.645324	25569.00000	0 ★

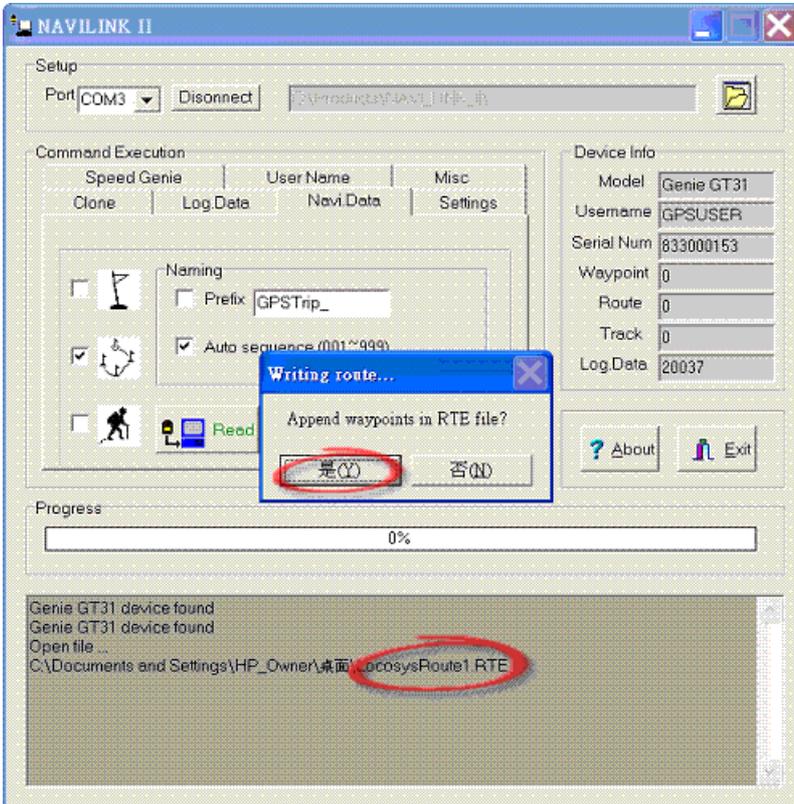
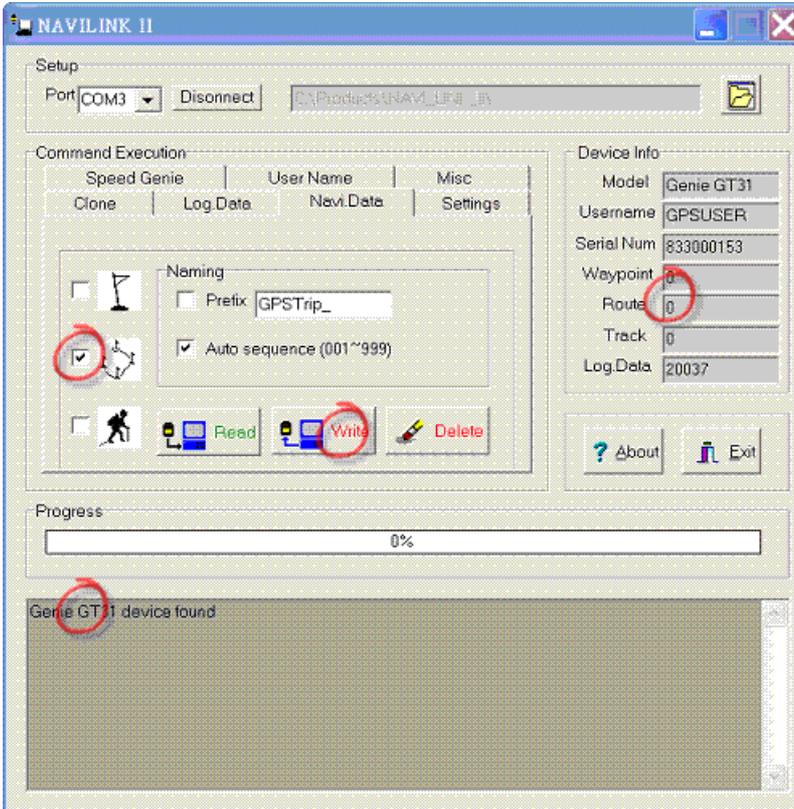
## Step 3. Upload GT-31 route

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.

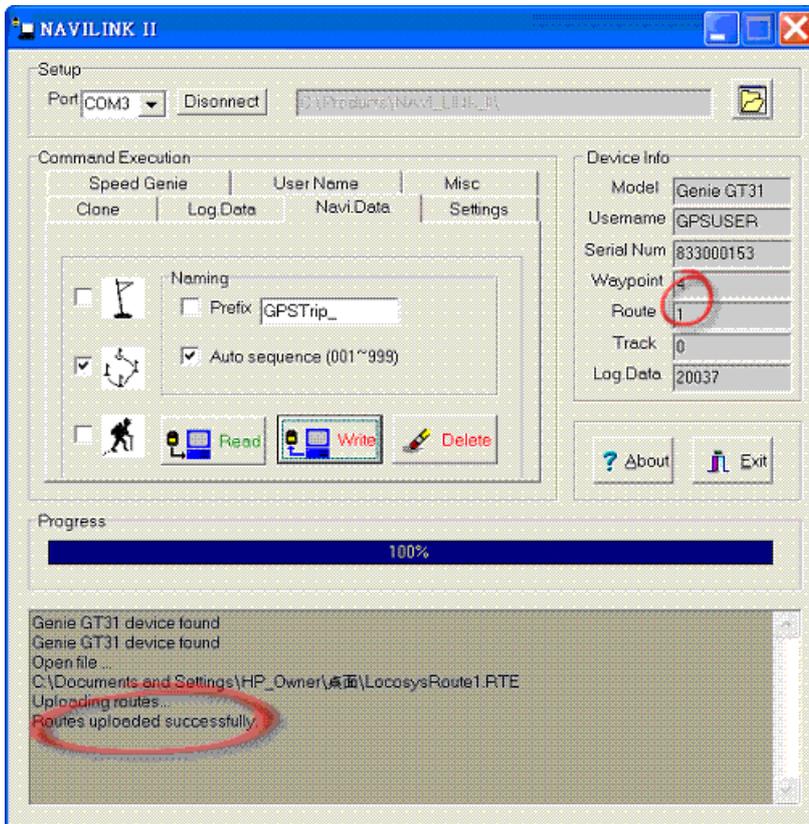


3.2. Select [Navi.Data] page in [Command Execution] panel. Enable route option only (  ) and click [Write] button to select the GT-31 route file(\*.rte) created in Step 2.1 and start uploading.



# LOCOSYS

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.



If you are interested in generating route plans on Google Maps automatically, please refer to "Auto-route-Converting Google Maps Directions to Waypoint Files.pdf". Please note the auto route functions of Google Maps may not be valid in some areas.