

# Trip Editor

## Intro

The Trip Editor should not be considered a full-blown trip planner tool. It can not, and probably never will, calculate a route. The trip file format has not been decoded enough, TripManager does not know anything about routing algorithms in general and more importantly used on the Zumo.

What it can do:

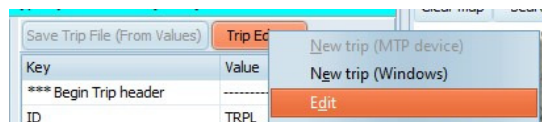
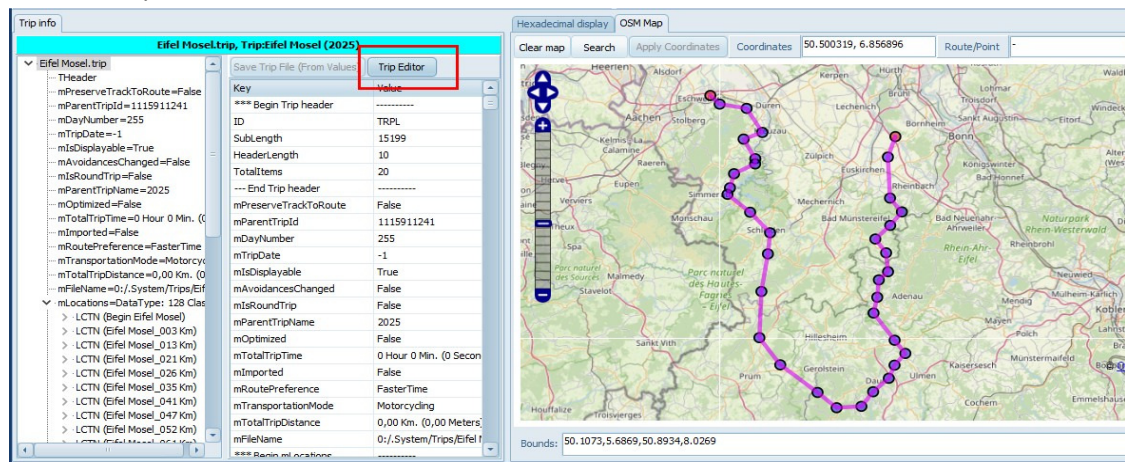
- Review the results of a calculated trip, and make minor modifications. Eg.
  - o Change general parameters. Trip name, Routing preferences, Transport method and Departure date.
  - o Add, or Delete a route point.
  - o Move a route point to a new location.
  - o Reorder the route points.
- Create a new empty trip. Add route points from map coordinates.
- Lookup address information for selected route points and save that in the Address field. That info will also be available in the Trip planner on the Zumo XT(2).
- Import/Export route points from/to GPX/CSV files.
  - o Import can read Via and Shaping points from a route in the GPX, or Way points.
  - o Export can create a GPX from a trip file, that you can import in BC.
- It can read/write trip files in folders on your computer's hard drive, and on the Device Zumo XT(2).

Modifying a trip clears any existing calculation result, and will make the Zumo recalculate the trip next time it is opened.

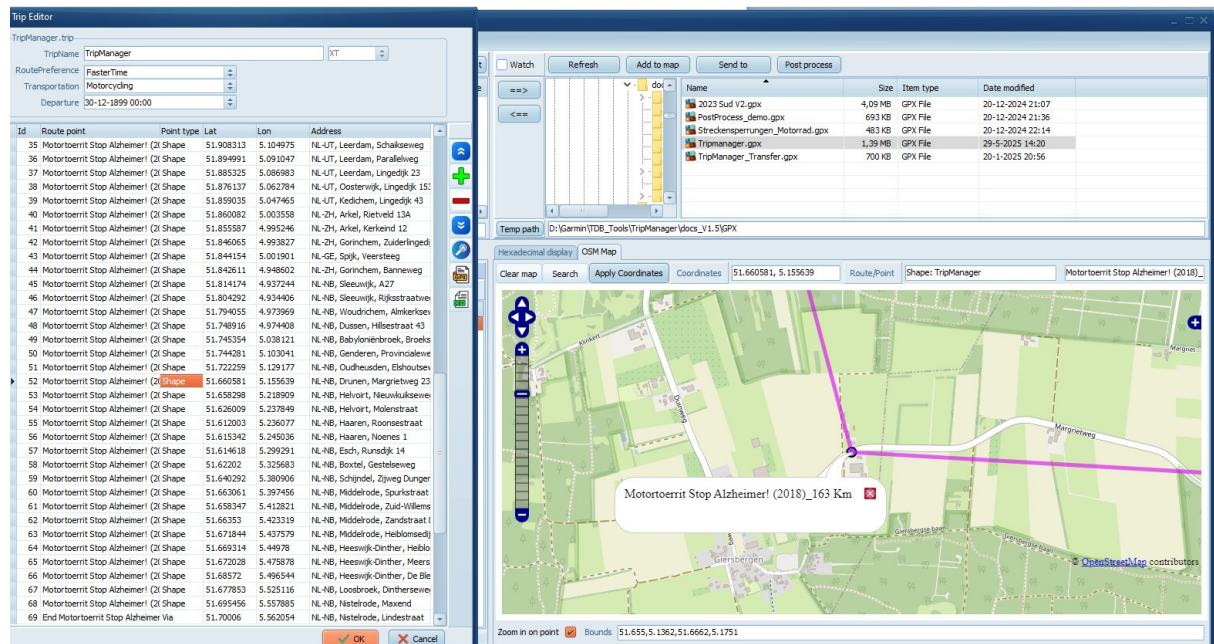
## Editing an existing trip

Open a trip, from your hard drive, or the device

Click on 'Trip Editor', 'Edit'



The Trip Editor opens up on the left, leaving space for the map. Selecting a Route point will update the map.

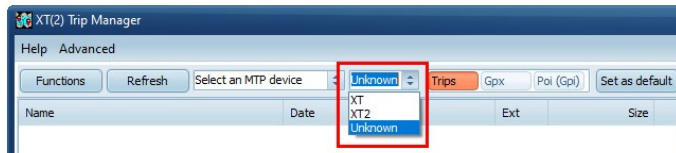


## Creating a new trip

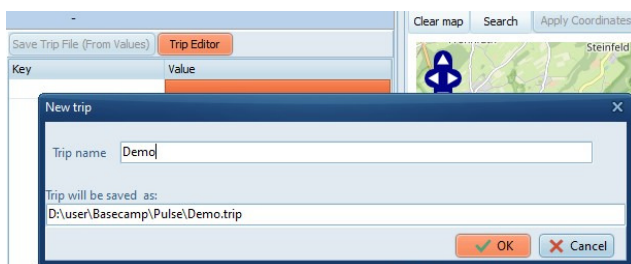
Choose either 'New trip (MTP device)', or 'New trip (Windows)'. A dialog opens where you need to enter a Trip name and click on OK

Notes:

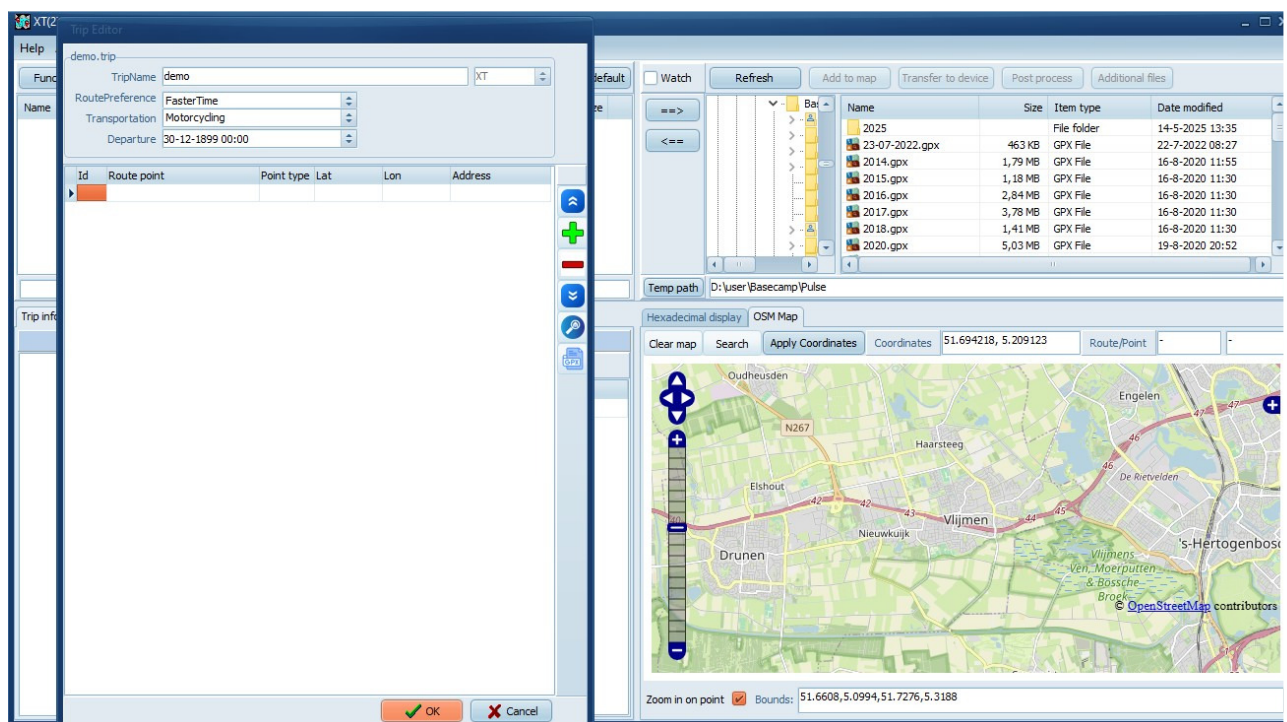
- Make sure the selected model matches the model you want to create the trip file for. XT and XT2 trip files are not compatible.



- MTP device will normally be an XT(2), but it is possible to use any MTP device that allows storing files. Hence the term 'MTP device' is used.
- New trip (MTP device) is only enabled if an MTP device is connected.



A blank Trip Editor window opens



## Trip editor controls

The screenshot shows the 'Trip Editor' window. At the top, there are input fields for 'TripName' (set to 'Demo'), 'RoutePreference' (set to 'FasterTime'), 'Transportation' (set to 'Motorcycling'), and 'Departure' (set to '30-12-1899 00:00'). Below these is a table with columns: Id, Route point, Point type, Lat, Lon, and Address. The table contains 35 rows of data. A right-click context menu is open over the table, showing options: Select All (Ctrl+A), Copy (Ctrl+C), Cut (Ctrl+X), Paste (Ctrl+V), Move Up (Alt+Up), Move Down (Alt+Down), Insert (Ctrl+Ins), and Delete (Ctrl+Del). On the right side of the window, there is a vertical toolbar with icons for home, add, zoom in, zoom out, search, and save.

Id	Route point	Point type	Lat	Lon	Address
35	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.908313	5.104975	NL-UT, Leerdam, Schaikseweg
36	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.894991	5.091047	NL-UT, Leerdam, Parallelweg
37	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.88532		
38	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.87613		
39	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.85903		
40	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.86008		
41	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.85558		
42	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.84606		
43	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.84415		
44	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.84261		
45	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.81417		
46	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.80429		
47	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.79405		
48	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.748916	4.974408	NL-NB, Dussen, Hillestraat 43
49	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.745354	5.038121	NL-NB, Babylonienbroek, Broeks
50	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.744281	5.103041	NL-NB, Genderen, Provincialewe
51	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.722259	5.129177	NL-NB, Oudheusden, Elshoutse
52	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.660581	5.156639	NL-NB, Drunen, Margrietweg 23
53	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.658298	5.218909	NL-NB, Helvoirt, Nieuwkuiksew
54	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.626009	5.237849	NL-NB, Helvoirt, Molenstraat
55	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.612003	5.236077	NL-NB, Haaren, Roonsestraat
56	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.615342	5.245036	NL-NB, Haaren, Noenes 1
57	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.614618	5.299291	NL-NB, Esch, Rundsijk 14
58	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.622202	5.325683	NL-NB, Boxtel, Gestelseweg
59	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.640292	5.380906	NL-NB, Schijndel, Zijweg Dunge
60	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.663061	5.397456	NL-NB, Middelrode, Spursstraat
61	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.658347	5.412821	NL-NB, Middelrode, Zuid-Willems
62	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.66353	5.423319	NL-NB, Middelrode, Zandstraat
63	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.671844	5.437579	NL-NB, Middelrode, Heiblomsedij
64	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.669314	5.44978	NL-NB, Heeswijk-Dinther, Heiblo
65	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.672028	5.475878	NL-NB, Heeswijk-Dinther, Meers
66	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.68572	5.496544	NL-NB, Heeswijk-Dinther, De Ble
67	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.677853	5.525116	NL-NB, Loosbroek, Dinthersew
68	Motortoeërrit Stop Alzheimer!	(Zi Shape	51.695456	5.557885	NL-NB, Nistelrode, Maxend
69	End Motortoeërrit Stop Alzheimer Via		51.70006	5.562054	NL-NB, Nistelrode, Lindestraat

Edit boxes TripName, RoutePreference, Transportation and Departure can be edited.

The model (XT, or XT2) is readonly, the model of a trip file can only be specified when creating .

The Grid columns can be edited, except for the ID, which is autoassigned.

Right Click brings up the context menu. All functions are also accessible using keyboard shortcuts.

The coloured buttons on the right:

Move Up

Insert

Delete

Move down

Lookup address (if configured)

GPX

Import

Export

CSV

Import

Export

Clicking OK saves the trip file, Cancel discards the changes.

You can use the clipboard to copy from/to Excel. To avoid problems with the decimal format in the GPS coordinates first set the format in Excel to 'text'.



## Common tasks

Change a route point:

- You can change the name and address to something meaningful.
- Change from Shape to Via or vice versa.
- To change to GPS position you can overtype the Lat/Lon values, but it is easier to use the button 'Apply coordinates' from the map.

Delete a route point: Ctrl+Del

Insert a route point: Ctrl+Ins

- The route point will get a default name: 'RtePt' + Id
- All route points with default names will be renumbered when (other) route points are inserted.
- The route point will be set to 'Shape'. When saving the trip file, the first and last route point are automatically reset to 'Via'.
- The route point will get the GPS coordinates from the currently selected point on the map.

Moving a route point: Alt+Up, or Alt+Down

Moving multiple route points:

- Mark the lines to move, using Shift + Cursor keys, or Shift/Ctrl+Left mouse button.
- Cut the lines to the clipboard, using Ctrl+X.
- Select the line where the route points should be moved to, and Paste using Ctrl+V.

Deleting route points, looking up address and copying/cutting to clipboard support multi-selection.

Adding route points using the Map.

- Locate the point you want to insert on the map.
- You can use the Search button, or use Ctrl+Left mouse button.
- Select the route point where the new point should be inserted after.
- Click on the Plus button, or use Ctrl+Ins.

Updating the Address.

- Select the route points to update, or use CTRL+A to select all route points
- Click on the Lookup Address button.
- The requests will be throttled, meaning TripManager will issue no more request/second than specified.

Import route points from a GPX, or CSV

- Click on the GPX/CSV button, and choose Import. Open the file.
- A dialog will be shown with the Waypoints and Routes found in the GPX. Check what to import.
- The newly created route points will be added after any existing route points.

Export route points to a GPX, or CSV

- Click on the GPX/CSV button, and choose Export.
- The saved GPX contains only route points. In BC you will need to recalculate.

GPX compatibility has been tested with BC and MRA, but other software should also work.

When saving a trip file the calculation will be cleared, to ensure that the next time the XT(2) will recalculate the trip. A MessageBox will appear to warn you.

The map will reflect the changes made, and connect the route points using straight magenta lines.

You can turn on/off zooming in on a selected route point using a checkbox at the bottom of the map.