

Rastermap export for Garmin GPS devices: Colorado, Oregon and Dakota

Now it is officially confirmed:

With the latest Garmin firmware for the Oregon, Dakota and Colorado devices, it is possible to display raster maps on these Garmins.

You can use single map tiles in *.jpg format, which must not exceed the limit of 1048567 pixels (i. e. 1024 x 1024 pixels, or 512 x 2048 pixels.....). The maptiles need to be assembled in a single *.kmz file. One *.kmz file may hold up to 99 maptiles.

At their homepage, Garmin has a an instruction about how to create such map tiles. **But using TTQV to create your Garmin raster files makes it much easier!**



This is a brief instruction using TTQV to create Garmin raster maps:

- open whatever rastermap in Touratech QV
- Select „Files“, „Export to Bitmap“
- Check the box labelled „KMZ“
- Select desired scale factor, but watch out for the maximum size of the map tile!
- While the export folder is displayed, zoom out using the „zoom in/zoom out“ icons in TTQV menu bar.
- now rightclick into the map window and select „Add new maptile“ from the menu, Drag this new frame to your needs, create the next frame the same way. You may add up to 30 map tiles.
- as color depth select 16mio colors, selecting any other depth makes no sense here.
- When you are done, select „export“.
- You may select a filename according to your needs, but we recommend not to choose this name to long. As you save, select the file format *.jpg, you can select this below the field where you enter the filename.
- As your destination folder you may have any folder (preferably dedicated) on your harddrive, respectively you may export directly to the SD-card (memory) of your Garmin device. If you choose to export directly to your Garmin, then you need to create a folder \garmin\CustomMaps\ to store the file into. The storage place at your Garmin is the same, even if you previously exported the map tiles to your harddrive.
- Now you are ready to use the map on your Garmin!

To achieve a proper maximum tile size you may do the following:

in TTQV menu bar select „window, change size of map window“, enter i. e. 1024 / 1024. Now start with „Export to bitmap...“ and you will see, that the size of the map tile is set to 1024 x 1024. As the next step you may maximise the map window as well as zoom out significantly, so you are able to create additional map frames.

On your Garmin device, the folder \CustomMaps\ must only hold one *.kmz file. You may create many *.kmz files for your purposes and store them at different places.