ZENEC
TOUCH ANOTHER WORLD

ZENEC E>GO USB Compatibility

Study this info sheet to acquaint yourself with the use and limitations of USB based data storage devices and your ZENEC E>GO naviceiver.

USB device connection

Note: Playback of audio and video files may not be properly supported, when interconnects other than the original USB extension cable that is part of the ZENEC E>GO set content, are used.

- USB devices connected to the ZENEC unit using a USB hub, will not work properly.
- Depending on the data storage volume available on the USB device and folders/tracks stored, it may take up to 30 seconds to read and display all the header information (folder and track lists) on your ZENEC unit.

USB device limitations for ZENEC

- ZENEC E>GO units support USB devices of 2.0, 1.1 and 1.0 standards.
- USB 1.0 or 1.1 based devices may cause issues playing back video files, i.e. stuttering, due to limited data transfer speeds.
- USB devices with a max. current consumption of 400mA or less are supported.
- ZENEC E>GO Naviceivers support USB devices of up to 8GB data volume by default – but sticks with 16GB, 32GB or 64GB of data storage may also work. This depends on internal construction (memory cell addressing) as well as memory controller layout. Only trial and error directly in conjunction with the ZENEC E>GO unit will help to clarify this question
- Using an unsupported or out of spec USB device can result in system hang or crash and abnormal playback, i.e. audio/video glitches and stuttering.
- USB devices “considered to be compatible” can still cause playback issues - depending on the type or condition of the USB device connected.
- Specifications of USB devices may change without further notice – full playback compliance can only be secured by empirical testing of the device intended for use, with the naviceiver unit in question.
- USB devices with the same packing, model number and spec list may still perform differently, depending on manufacturing location or sales territory.

ZENEC E>GO USB file structure & playback limitations

Note: USB devices that feature unsupported formatting must be converted to either FAT16 or FAT32 first, before usage is possible. USB devices formatted in NTFS will quit with a “no supported file” message after longer read-in.

- Maximum number of folder layers 20 layers
- Maximum number of files* 1‘500 files
- Maximum number of folders* 200 folders

* The number of files/folders to actually show up and play back on the ZENEC unit may be less than what is listed above, depending on the number of characters that define the track or folder (i.e. header size). I.e. long track or folder names reduce the maximum number of files to be listed on the ZENEC unit.

Listing and playing order of audio/video files

When a USB device is used, files are played in the order and sequence, in which they have been copied to the device. For Windows based PC environments, assigning descending numbers to tracks is easily done by renaming with a number prefix.