

## ▼ COMAND audio CD/audio DVD/MP3

### Safety precautions

#### Warning!



COMAND is classified as a Class 1 laser product. You must not open the casing. There is a risk of exposure to invisible laser radiation if you open the casing, or if the casing is faulty or damaged. COMAND does not contain any parts that you are able to maintain yourself. For safety reasons, all maintenance work must be carried out by qualified technicians.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

#### Warning!



Only carry out the following when the vehicle is stationary:

- Inserting a disc
- Ejecting a disc

There is a risk of accident by being distracted from road and traffic conditions if you load a CD/DVD while the vehicle is in motion.

### Notes about MP3 mode

#### Permissible media for MP3 files

- CD-R and CD-RW
- DVD-R and DVD-RW
- PCMCIA card (▷ page 109)

#### Permissible file systems

- ISO9660/Joliet for CDs
- UDF for DVDs
- FAT16 or FAT32 for PCMCIA cards with storage medium

#### Multisession CDs

For multisession CDs, the first session type of the CD determines how COMAND will process the CD.

For example, if the first session type is according to the audio CD standard and the second session type is according to the data CD standard containing MP3 tracks, COMAND will treat the CD as a conventional audio CD. This means that it is only possible to access the audio CD tracks. Access to the MP3 tracks is not possible.

Similarly, if the first session type is according to the data CD standard containing MP3 tracks and the second session type is according to the audio CD standard, COMAND will treat the CD as a data CD. This

means that it is only possible to access the MP3 tracks. Access to the audio CD tracks is not possible.

#### File structure on a disc

When you create an MP3 disc, the MP3 tracks can be organized in folders. A folder can also contain other folders. A disc can contain a maximum of 255 folders. Each folder can contain a maximum of 255 tracks and 255 folders. A disc can contain a maximum of 4000 tracks. Usually this number will not be reached because each minute of an MP3 track requires approximately 1 MB of storage space.

#### Track and folder names

When you create an MP3 disc, you can assign names to the MP3 tracks and folders.

COMAND uses these names for the corresponding display in MP3 mode. Empty folders or folders which contain data other than MP3 tracks are not displayed by COMAND.

If MP3 files are saved in the root directory itself (uppermost directory on storage medium), the root directory will also be treated as a folder. COMAND will then show the name of the root directory as the folder name.

You must observe the following when assigning track names:

- Track names must have at least one character.
- Track names must have the extension "mp3".
- There must be a period between the track name and the extension.

Example of a correct track name:  
Track1.mp3

**i** COMAND does not support ID3 tags.

#### Permissible MP3 formats

COMAND supports the MPEG1 Audio Layer 3 format.

**i** This format is generally known as "MP3".

#### Permissible bit and sampling rates

- Fixed and variable bit rates up to 320 kbit/s
- Sampling rates of 24 kHz – 48 kHz

**i** Only use MP3 tracks with a bit rate of at least 128 kbit/s and a sampling rate of at least 44.1 kHz. Smaller rates can cause a noticeable deterioration in sound quality. This is especially the case if you have activated a surround sound function.

#### Notes on copyright

The music tracks that you create for MP3 mode and can play back in MP3 mode are generally subject to copyright protection in accordance with the applicable international and national regulations.

In many countries, reproductions are not permitted without the prior consent of the copyright holder, not even for private use.

Make sure that you know the applicable copyright regulations and that you comply with these.