Apple i-devices Charging & Cables

Most MB products currently provide a 12 volt charge not allowing iPhone 3G/3GS and all newer iPod models to charge as they only accept a 5 volt charge.
MB has three different products offering the functionality to connect iPods and iPhones via wired connection for audio playback:

1. **Universal Media Interface** (Navigation/Entertainment retrofit for MY08/09/10 W204 and MY10 X204, dealer installed acessory or VPC option code 079)
   - UMI (A204 870 5996) is fully capable of charging the iPhone 3G and all newer iPod / iPhone models

2. **iPod Integration Kit** (dealer installed accessory or VPC option code 057)
   - All newer iPod Integration Kits support charging of iPhone 3G and all newer iPod / iPhone models: A2048704896, B67824502, B67824503
   - most older iPod Integration Kits do not support iPhone 3G and all newer iPod model charging: A2048704194, A2048704890, B67824238, B67824247, B67824255, B67824256, B67824257
   - **All** older iPod Integration Kits can be upgraded to support charging of newer iPhones/iPods by replacing wiring harness between interface module and glove compartment with part number **B6 782 4531**
   - **White connector = 12V**   - **Black connector = 5V/12V**

3. **Media Interface** (factory option code 518)
   - Current Media Interface comes standard with an iPod / Aux cable that is NOT capable of charging the iPhone 3G and all newer iPod models:
   A0018276904, A2048270504 - E/CLS/SLK/SL/C/GLK/G
   B67824527 - ML/GL/R/S/CL
   - Dealer installed customer pay option (iPod/iPhone connector only, no Aux) supporting charging of newer iPhones and iPods currently available in limited quantities only:
   E/CLS/SLK/SL/C/GLK/G   - **A001 827 8404**
   ML/GL/R/S(MY10)/CL(MY10)- **B6 782 4578**

Bluetooth Profile

Bluetooth Profile

- Through support of a specific Bluetooth- Profile a component shows its ability to handle specific tasks and therefore the usability for a specific task.

- In order to execute a task two Bluetooth components have to use the same profile.

- In addition the roles and responsibility of each component regarding a profile must match. In other words, one component has to be able to initiate a task, the other component has to able to execute this task.

- Bluetooth components can detect the capabilites of another component using the profile and therefore select a matching component in order to execute a task.

- Profiles as well as roles and reponsibilities are assigned in the Bluetooth Standard. Currently there are 26 Bluetooth profiles.

NTG Ripping / Copying Chart

Model	Year	NTG System	Music Register Size	Copying mp3 / m4a (AAC) wma / from disc/card	Ripping CD Audio from CD disc *
164 (ML/GL)	MY09 →	2.5	4 GB	Y	N
171 (SLK)	MY09 →	2.5	4 GB	Y	N
204 (C)	MY08 →	4	4 GB	N	Y
(C)	MY09 →	4	6 GB	N	Y
(GLK)	MY10 →	4	6 GB	N	Y
197	MY10 →	4	6 GB	N	Y
207 (E Coupe)	MY10 →	4	6 GB	N	Y
211 (E)	MY09	2.5	4 GB	Y	N
212 (E Sedan)	MY10 →	4	6 GB	N	Y
219 (CLS)	MY09 →	2.5	4 GB	Y	N
216 / 221 (CL / S)	MY10 →	3.5	7.2 GB	Y	Y
230 (SL)	MY09 →	2.5	4 GB	Y	N
251 (R)	MY09 →	2.5	4 GB	Y	N
463 (G)	MY09 →	2.5	4 GB	Y	N

NTG 4 has controller, head unit & separate display

NTG 2.5 is a one piece unit with SD card slot

This chart is applicable to NTG 2.5 /3.5 & 4 units that incorporate internal hard drives (COMAND APS).

* Generally, CD Audio format is typical of store bought audio discs, or discs created yourself using CD audio format.

- COMAND disc drive / PC Card slot / SD slot / USB play the following audio formats:
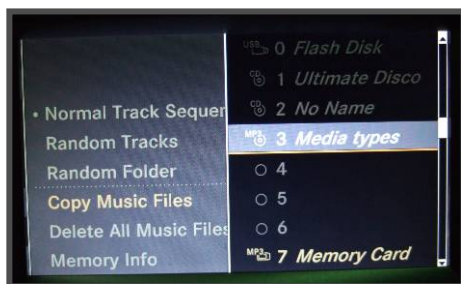 CD-A *(CD Audio)* / mp3 / m4a *(Advanced Audio Coding (AAC))* / wma *(Windows Media Audio)* / DVD Audio
- NTG 4 – Use REC icon in lower menu in CD mode to '**rip**' CD-Audio to Music Register
- NTG 2.5 – Use Music Register lower left menu in Music Register mode to '**copy**' mp3/m4a/wma to Music Register
- NTG 3.5 – Features ripping and copying capabilities based on source format

NTG Ripping / Copying Procedure

NTG 2.5

Copying:
(mp3 / m4a (AAC) / wma)

1. In Music Register mode
2. Activate submenu at lower left
3. Select Copy Music Files
4. Drives with media will be displayed
5. Drives that have music format that is possible to copy will be selectable
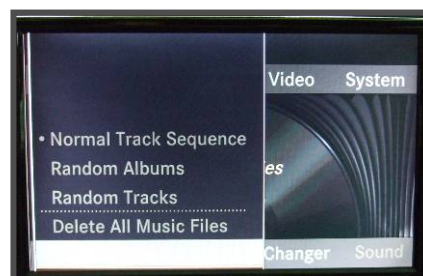6. Follow prompts to select music files you want to copy to Music Register

Note: 1) Ripping CD Audio files is not possible, the REC icon is not available in CD mode
2) MY09 SD card up to 2GB (not HD or HC)
MY10 SD card up to 8GB (HD (High Density) or HC (High Capacity)

NTG 4

Ripping:
(CD Audio)

1. In CD mode
2. REC option in lower menu
3. Select tracks from current CD audio disc
4. Select destination folder
5. Select Start
6. Selection is 'ripped' to Music Register

Note: Copying music files is not possible, the Copy Music Files option is not available in Music Register mode

NTG3.5 MY10 → 216 / 221
USB / SD cards up to 32 GB are supported.

General Notes:
1. In order to rip or copy music, any media inserted into COMAND must have been loaded and identified.
2. Information is subject to change.

Terms:
Ripping – The process of converting a CD Audio file into another, for example mp3 format.
Copying – The process of transferring a file from one source to another, for example mp3 file on disc to mp3 file on Music Register.