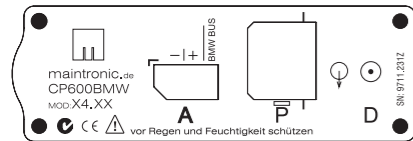
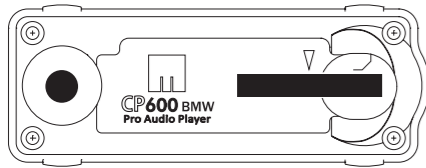


CP600BMW Pro Audio Player

Quick guide



Art.no.: **15.600**
 Model Version: **X4**
 Document number: 15.600_B02_V05_EN
 Creation date: 09 / 2016

Scope of delivery

- CP600BMW Pro Audio Player
- Montage kit which consist of:
 2 adhesive brackets, 1 special cable-strap
- EN quick guide

Installation hints

Safety danger of accident!

For your own safety take care about the operation of the CP600BMW while driving, please. It might distract you from traffic conditions and thus can cause an accident.

Manage the CP600BMW only if the traffic situation allows it. Do not get refracted by the device. The rules of traffic regulations have to be kept in your mind.

Note

This quick guide is thought to give the user a quick help during the installation and for the operation of the CP600BMW. A complete and detailed user manual can be found in the Internet: www.maintronic.de/dl/AudioPro/CP600BMW maintronic assumes no liability whatsoever for any technical or editorial mistakes in this guide, as well as for damages resulting from the operation or the use of this manual

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 Support: support@maintronic.de

Installation Notes

Choose a dry installation location, where you can reach the CP600BMW comfortable from ahead or from front. If you're not sure about the installation in your car, ask your BMW garage.

Before you install the device, check if all connections are correct and whether the device is fully functional. Finally hold the greaseless splices for the brackets ready. The adhesive brackets should be assembled above and around the corner.

For safety the cable-strap have to be tighten through the brackets and around of the CP600BMW.

Installation

Plug the following BMW-connectors into the desired sockets (with the nib in direction of the line-mark – see figure 1):

Analog Soundsystem: Socket P and A

Digital Soundsystem: Socket D and A

The handling and functions for starting, mode switching or exit plus the basic Play-functions (Next, Fast-forward, Fast-backward and so on) accord to the standard-handling of the BMW car stereo.

Overview about the elements and connectors

- 1 Status LED
- 2 Storage Card slot

Rear connectors

- P 12V DC Power /BUS Input
- A Stereo Analog Output
- D Stereo Digital Output

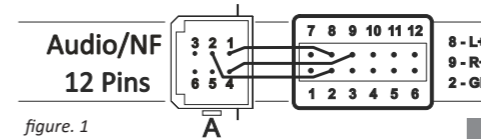
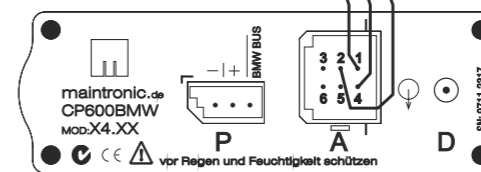
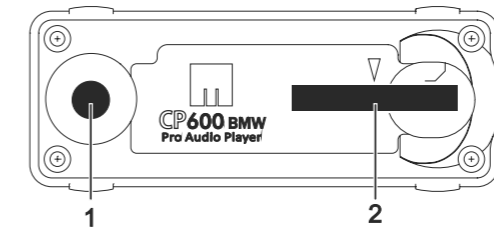


figure. 1

Operating status

The status LED (1) shows the operating status of the CP600BMW. The LED can assume the colors red, green and yellow. Following overview shows all operating status of the CP600BMW.

1	Status-LED	Operating status
	Off	Sleep mode (or no Power)
	Yellow	no SD-Card plugged in
	Green	Ready (no playing)
	Red	no audiofiles (or. playlists) found
	flashing slowly green	playing in trackmode active
	flashing slowly yellow	playing in playlistmode active
	flashing yellow/green	creating Index
	flashing red/yellow	Card (or Communication error)
	flashing green/red	no playable tracks found, tracks faulty
	flashing fast green	Card write protection is active
	flashing fast red	firmware update is in progress

BMW operating display

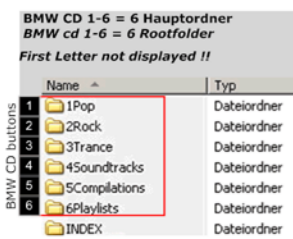
Following messages can occur during operation.

CD Check	Indexing is in progress
No Magazine	No card found in card-slot (2)
No Discs	Lock / Writeprotection is activated (1) green fast blinking.

CP600BMW folder-structure

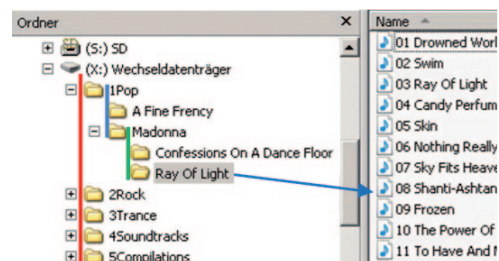
Main-folder

The main-folder represent the numbers of CD's in the BMW-stereo. The CP600BMW creates the title-list automatically.



Nested sub-folders

Sub-folders are privileged to group titles for playing. File-names and sub-folders are coequal when it is about the order. Files are played in an alphabetic sequence.



Playlist sub-folders

Files which belong the the M3U playlist can be placed elsewhere in the storage-card.

Advanced operation

If the Display shows CD- and title-number, then the device is in normal-mode= (**trackmode**) active. When pushing the CD-button the folder-mode is active as long as the folder-name is displayed

The advanced handling-level (**foldermode**) can be activated by the CD-button

Folder-jump

Main-folders are directly switched by pressing the CD-button 1 (from 6) activated. The first letter of the six main-folders is in the display ignored and assigned to the buttons 1 – 6.

Sub-folder-jump

Repetition push of the active CD-button in **foldermode**, scrolls the available sub-folders from top to bottom, First the folder is show in the display, (as CD) after 4 sec. CD with titlenumber > (CD1-01). If now pushing the active CD-button, then for control the folder is shown (**foldermode**), before scrolling can be continued.

Handling

The handling and functions for starting, mode switching or exiting plus the basic Play-functions (Next, Fast-forward, Fast-backward and so on) accord to the standard-handling of the BMW car stereo.

Delete a track

Actual title can after the switching from **trackmode** to **foldermode** be deleted. If pushing the shown CD-main-folder button it leads to the **foldermode**. The folder-name is shown for 4 seconds, during this time the deletion can be introduced with the previous button. has to be pushed until DELETE is shown in the display. All following titles rise their ranks and the next track is played in **trackmode**.

ID3 Tag visualization

ID3-TAGs like „Artist“, „Album“, „Trackname“ or „Tracknumber“ can selective displayed out of the MP3 file if possible.

Display options

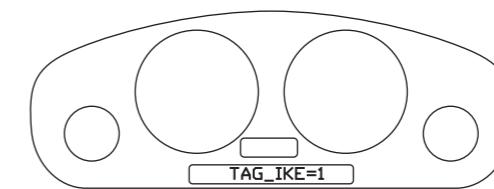
The ID3-TAG Information can be forwarded to different displays by editing the CP600.ini. Following displays are possible:

- Main title panel – TAG_TF (folder and title are preset plus artist and album)
- IKE speedometer combined instrument – TAG_IKE

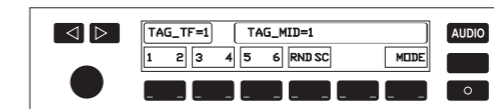
Tags artist, album and song title are one by one shown as possible

- NAVI/Boardmonitor in Index-panel - TAG_INDEX row 1 → title, row 2 → album, row 3 → artist, row 4 → tracknumber, later CD-main-folder number with name

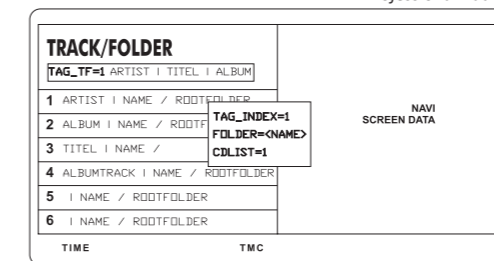
Following pictures shows the different Visualization possibilities and TAG descriptions graphically.



BMW IKE speedometer combined instrument



BMW Professional Radios



BMW NAVI / Boardmonitor

Technical Data (technical changes reserved)

Memory-Card	~ 32 GB SDHC / SD / MMC (formatted with FAT32)
Fileformat	(MP3) Layer III (always 44,1kHz) 32 up to 256 Kbps; (WAV) 16 Bit PCM stereo;
DSP / DA Converter	24Bit Stereo sampling-rate: 44,1kHz (16kHz-96 kHz) 18kHz- 20kHz +/- 0,02dB 5/N A-> @ 92dB
Power consumption with card	50 mA / 0,6 W 0,1 mA / 0,001W
Duo LED Display	Card status: Write-protected; Track-/ or playlistmode; Ready, Play, Sleep, Update in progress; indexing in progress; Failure
Connections (BMW conform)	Input: 3 pin. 12V Power + BMW I-Bus Audio Outputs: (A) 6 pin.: R / L Analog Audio and (D) R / L Coax isolate Digital
Weight (gramm)	ca. 150g
Environment	-35C ... +65C
Dimensions	78x30x69mm
Housing	extruded aluminium sheath
Plug and Play Application:	Replacement of the BMW CD-Changer as additional Audio-Device (required adapter cable hardware); BMW radio; MODE-button (CD-button); customised cablesset