

**Caraudio-Systems**  
multimedia integration

# CATALOGUE 2012





## History

Caraudio-Systems was founded in 2004. As a young and motivated team we are able to flexibly adjust ourselves to a customer's needs in a fast and focussed manner.

Since 2008 the company is certified according to DIN EN ISO 9001:2000 in the fields of development, production, and distribution.

We can therefore guarantee a consistent quality level of our products.

## Our Target

Our goal besides maintaining a high quality standard is to always remain agile and up to speed in order to continually provide you as our customer with a wide range of problem solutions in the areas of CAN, MOST®, as well as all other bus systems employed in the automobile industry and for both new and established vehicular technologies and components.

## Why Choose Us

Our interfaces are in full compliance with EMV guidelines and carry the "E" stamp. This certificate can only be handed out by accredited laboratories and attests the interference-free integration of our components into a vehicle.

MOST® ist ein eingetragenes Markenzeichen der OASIS Silicon Systems AG, die Verwendung der Abkürzung in diesem Katalog dient lediglich der Hilfestellung.  
MOST® is a registered trademark of OASIS Silicon Systems AG, the usage of this short cut in this Catalogue is only a evidence of support.

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## v.LOGIC® Multimedia Interfaces



### v.LOGIC®

#### The smart media controller for your car

The vLOGIC series with its Low Voltage Differential Signalling technology (commonly called "LVDS") now supplements the popular "LOGIC" family. This multimedia controller allows for retrofitting of many components like rearview camera, iPod / iPhone, TV tuner or USB player in vehicles with digital video transmission. As with all LOGIC products, controls are obtained via the OEM device. A dedicated OSD menu offers fast and straightforward configuration options for connected components. The device is easily updateable via USB, thus offering unprecedented comfort when a response to a vehicle manufacturer's firmware update is required. The interface can be kept easily up-to-date by using a Windows-PC and the update software, which is available for download on our website.



#### Features:

- 3 Audio/Video inputs
- Rear Cam + Front Cam input for aftermarket cameras
- 2 configurable switch outputs
- Touch control, control input for touch panels
- Direct control, controls via original navigation buttons (such as iDrive)
- USB interface for firmware updates
- iPod interface incl. controls
- vehicle-specific plug & play cable harness
- Available for:  
BMW, Mercedes, Audi



**dvbLOGiC®**

DVB-T Tuner for direct OEM connection

**dvbLOGiC**  
intelligent solution

**DVB T**

#### DVB-T Tuner with On Board Multimedia interface

The only digital TV receiver that comes equipped with a user-friendly interface, which allows for easy connection to an OEM system.

The “dvbLOGiC®” family is based on long lasting experience and progression in the field of Multimedia interfaces for MOST® and CAN BUS based vehicular systems for a vast variety of car manufacturers.



#### DVB-T Tuner with On Board Multimedia interface

The only digital TV receiver that comes equipped with a user-friendly interface, which allows for easy connection to an OEM system.

The “dvbLOGiC®” family is based on long lasting experience and progression in the field of Multimedia interfaces for MOST® and CAN BUS based vehicular systems for a vast variety of car manufacturers.



**PLUG AND PLAY  
INSTALLATION**

The stand out feature lies in its integration into a pre-existing OEM environment without the need of any further equipment. The vehicle-specific “plug & play” cable kits allow for both easy installation and tracefree removal of components to account for today’s need of being able to restore the original condition of a system.

## usbLOGiC®

USB player for direct OEM connection

usbLOGiC  
intelligent solution

### usbLOGiC

- Digital state-of-the-art USB media player
- Last position memory
- Full-featured AV input incl. control option (over 50 device codes pre-installed)
- Video input for rear seat entertainment
- Rearview camera input
- Vehicle-specific plug & play cable harness
- MP3, AVI, VOB, MOV, RMVB, JPG ...
- Supports NTFS-formatted hard drives (up to 2 TB)

Direct control with AUDI, BMW, MERCEDES, PORSCHE, VW



### PLUG AND PLAY INSTALLATION



## blueLOGiC®

### Bluetooth® / Hands Free Interfaces



#### The blueLOGiC® product line continues to grow

After the successful introduction of the blueLOGiC® product range in 2009 we have been able to considerably expand our assortment for this year. The devices come equipped with the newest generation of Bluetooth® modules of one of the leading manufacturers, revised software and hardware, improved audio quality, optimized phone book synchronisation and many other features, which lead to blueLOGiC® interfaces offering a much higher mobile phone compatibility than original equipment manufacturers.

Features:

- Updateable Parrot® Bluetooth® chip set
- Phone book including all call listings and SMS functionality
- Audio streaming (A2DP)
- MP3 playback in stereo
- Seamless integration/controls using the head unit or the multi function steering wheel



#### For Mercedes systems (MOST®):

- Audio 5
- Audio 20
- Audio 50 APS
- COMAND APS NTG1
- COMAND APS NTG2



#### For Porsche systems:

- PCM 2
- PCM 2.1



#### For BMW systems:

- Radio Professional
- Champ MP3 Radio
- Business Navigation (M-ASK Version)
- Professional Navigation (CCC Version)
- Professional Navigation (CIC Version)



**c.LOGIC®**

Multimedia Interfaces

**c.LOGIC**  
intelligent solution

The CAN bus based multimedia wonder c.Logic offers a perfect integration of safety-related components (e.g. a rear view camera) and multimedia equipment (e.g. TV tuner or DVD player) in a vehicle. The interface comes equipped with 2 full-fledged AV inputs, a rear view camera input and a switchable video output and reliably integrates aftermarket devices of various manufacturers to an OEM navigation display. The connected components can be operated via the keypad or touch screen of the navigation system. The equipment selection of more than 50 different models is also readily available at the keyboard of the navigation system.



## DIRECT iDRIVE CONTROL



The new BMW iDrive operating concept offers a logical and simple way of controlling the DVD / HDD players, as well as DVB-T tuners. The iDrive control knob is decoupled from the remaining system and used solely for controls.

Another feature of the new BMW Multimedia interface is the automatic activation of the TV icon, which makes an otherwise mandatory visit to a BMW workshop unnecessary.



## MERCEDES Navigation System Overview

Car Model	Series	Year	Designation	Manufacturer
A-Class	W169	as of 09/2004	Comand APS NTG2	Becker
A-Class	W169	as of 07/2008	Comand APS NTG2.5	Alpine
A-Class	W176	as of Fall 2012	Comand Online NTG4.5	Mitsubishi
B-Class	W245	as of 09/2004	Comand APS NTG2	Becker
B-Class	W245	as of 07/2008	Comand APS NTG2.5	Alpine
B-Class	W246	as of 11/2011	Comand Online NTG4.5	Mitsubishi
C-Class	W203	until 03/2004	Comand 2.0	Blaupunkt
C-Class	W203	as of 04/2004	Comand APS NTG2	Becker
C-Class	W204	as of 03/2007	Comand APS NTG4-204	Mitsubishi
C-Class	W204	as of 03/2011	Comand Online NTG4.5	Mitsubishi
C-Class Coupé	C204	as of 06/11	Comand Online NTG4.5	Mitsubishi
CL-Class	C215	until 08/2002	Comand 2.5	Blaupunkt
CL-Class	C215	until 09/2003	Comand APS CD (2.0)	Blaupunkt
CL-Class	C215	as of 10/2003	Comand APS DVD (2.0)	VDO/Siemens
CL-Class	C216	as of 01/2006	Comand APS HD NTG3	Becker
CL-Class	C216	as of 06/2009	Comand APS HD NTG3.5	
CLC-Class	CL203	as of 06/2008	Comand APS NTG2	Becker
CLC-Class	CL203	as of 09/2008	Comand APS NTG4-204	Mitsubishi
CLK-Class	C208 W208	all years	Comand 2.0	Blaupunkt
CLK-Class	C209 W209	until 05/2004	Comand 2.0	Blaupunkt
CLK-Class	C209 W209	as of 06/2004	Comand APS NTG2	Becker
E-Class	W210	all years	Comand 2.0	Blaupunkt
E-Class	W211	until 05/2008	Comand APS NTG1	Becker
E-Class	W211	as of 06/2008	Comand APS NTG2.5	Alpine
E-Class	W212	as of 04/2009	Comand APS NTG4-212	Mitsubishi
E-Class	W212	as of 06//2011	Comand Online NTG4.5	Mitsubishi
E-Class Coupé	C207	as of 05/2009	Comand APS NTG4-212	Mitsubishi
E-Class Coupé	C207	as of 06/2011	Comand Online NTG4.5	Mitsubishi
CLS-Coupe	W219	as of 10/2004	Comand APS NTG1	Becker
CLS-Coupe	W219	as of 04/2008	Comand APS NTG2.5	Alpine
CLS-Coupe	C218	as of 01/2011	Comand APS NTG4-212	Mitsubishi
CLS-Coupe	C218	as of 06/2011	Comand Online NTG4.5	Mitsubishi
G-Modell	G463	as of 12/2000	Comand 2.0	Blaupunkt
G-Model	G463	as of 04/2007	Comand APS NTG2	Becker
G-Model	G463	as of 09/2008	Comand APS NTG2.5	Alpine
GL-Class	X164	until 06/2008	Comand APS NTG2	Becker
GL-Class	X164	as of 07/2008	Comand APS NTG2.5	Alpine
GLK-Class	X204	as of 09/2008	Comand APS NTG4-204	Mitsubishi
ML-Class	W163	all years	Comand 2.0	Blaupunkt
ML-Class	W164	until 06/2008	Comand APS NTG2	Becker
ML-Class	W164	as of 07/2008	Comand APS NTG2.5	Alpine
ML-Class	W166	as of 11/2011	Comand Online NTG4.5	Mitsubishi
R-Class	W251	until 06/2008	Comand APS NTG2	Becker
R-Class	W251	as of 07/2008	Comand APS NTG2.5	Alpine
S-Class	W220	until 08/2002	Comand 2.5	Blaupunkt
S-Class	W220	until 09/2003	Comand APS CD (2.0)	Blaupunkt
S-Class	W220	as of 09/2003	Comand APS DVD (2.0)	VDO/Siemens
S-Class	W221	as of 10/2005	Comand APS HD NTG3	Becker
S-Class	W221	as of 06/2009	Comand APS HD NTG3.5	
SL-Class	R230	until 06/2004	Comand 2.0	Blaupunkt
SL-Class	R230	as of 07/2004	Comand APS DVD (2.0)	VDO/Siemens
SL-Class	R230	as of 04/2008	Comand APS NTG2.5	Alpine
SL-Class	R231	as of 2012	Comand Online NTG4.5	Mitsubishi
SLK-Class	R171	as of 03/2004	Comand APS NTG1	Becker
SLK-Class	R171	as of 04/2008	Comand APS NTG2.5	Alpine
SLK-Class	R172	as of 03/2011	Comand Online NTG4.5	Mitsubishi
SLS	C197	as of 03/2010	Comand APS NTG4-204	Mitsubishi
Sprinter	W906		Comand APS NTG2	Becker
Viano	W639		Comand APS NTG2	Becker
Viano	W639		Comand APS NTG2.5	Alpine

**DVB-T / MULTIMEDIA / TV-FREE - OVERVIEW**

## Part 1

<u>Navigation</u>	DVB-T / USB (DVB-LOGiC, USB-LOGiC)	Multimedia v.LOGiC	Multimedia c.LOGiC	Multimedia c.LOGiC.lite	OEM Accessibility	OBD- Activations	<u>TV-Free</u>
Mercedes - COMAND 2.0 / COMAND APS CD (APS220)	DVB-C20	-	C2-C20	C1-C20	-	-	TF-C20 ** (TV-500 ; TV-MB20)
Mercedes - COMAND 2.5	DVB-C25	-	C2-C25	C1-C25	-	-	TF-C25 ** (TV-500 ; TV-MB25)
Mercedes - COMAND NTG1	DVB-NTG1	-	C2-NTG1	C1-NTG2	RSE-RGB10 / RSE-RGB11 / SW-V2X1-FAK	-	TF-NTG1 (TV-500 ; TV-NTG1)
Mercedes - COMAND NTG2	DVB-NTG2	-	C2-NTG2	C1-NTG2	SW-V2X1-FAK	-	TF-NTG2 (TV-500 ; TV-NTG2)
Mercedes - COMAND NTG2.5	DVB-NTG25	-	C2-NTG25	C1-NTG25	-	OBD-N25-R / OBD-N25-TV / OBD-N25-RSE / OBD-N25-NAV	TF-NTG2 *** (TV-425 ; TV-NTG2)
Mercedes - COMAND NTG3	-	-	-	-	-	-	TF-NTG3 (TV-500 ; TV-NTG3)
Mercedes - COMAND NTG4	-	V3-NTG4	-	ZL-NTG4 ZL-NTG4-R	-	OBD-N4-AV / OBD-N4-NAV	TF-NTG2 ** (TV-500 ; TV-NTG2)
Mercedes - Audio 50 APS NTG4	-	V3-NTG45	-	-	-	-	TF-NTG2 (TV-500 ; TV-NTG2)
Mercedes - Audio 20 NTG4.5	-	V3-NTG45	-	-	-	-	-
Mercedes - COMAND NTG4.5	-	V3-NTG45	-	-	-	-	TF-NTG2 (TV-500 ; TV-NTG2)
Peugeot ; Citroën - RT3-N3 CAN, NG4	-	-	-	-	-	-	TF-PSA *** (TV-500 ; TV-PSA)
Land Rover - Touchscreen Navigation 1 Gen.(Discovery 3/4, Vogue, Sports)	DVB-LR	-	C2-LR	C1-LR	SW-V2X1-FAK	TV-500*	TF-LR * (TV-500 ; TV-LR)
Land Rover - Touchscreen Navigation 2 Gen.(Discovery 4, Vogue, Sports)	DVB-LR10	-	C2-LR10	C1-LR10	-	TV-500*	TF-LR * (TV-500 ; TV-LR)
Land Rover - Touchscreen Navigation 3 Gen.(Discovery 4, Vogue, Sports)	-	-	C4-LR12	-	SW-V2X1-FAK	-	TF-LR12 (TV-500 ; TV-LR02)
Chrysler ; Jeep ; Dodge - MYGIG System	-	-	-	ZL-MYGIG ZL-MYGIG-R	-	-	TF-MYGIG ** (TV-500 ; TV-MYGIG)
Jaguar XF - Touchscreen Navigation	-	-	-	-	-	-	TF-U500 (TV-500 ; TV-UNI)
Maserati Quattroporte Navigation system	-	-	-	-	-	-	TF-QP (TV-500 ; TV-VW01)
Audi - RNS-E	DVB-RNSE	-	C2-RNSE	C1-RNSE	ZLA-MFD	-	TF-MFD2 *** (TV-500 ; TV-VW01)
Audi MMI <u>2G</u> System A4, A5, A6, A8, Q7	-	-	C2-MMI2G	-	CAB-TVAS10	-	TF-MMI ** / TF-MMI2G **
Audi MMI <u>3G</u> System A4, A5, A6, A7, A8, Q5, Q7	-	V3-MMI3G	-	ZL-MMI3G	CAB-TVAS10	-	TF-MMI / TF-MMI3G
Audi MMI <u>3G</u> System A1	-	V3-MMI3G-B	-	-	-	-	-

## Part 2

Navigation	DVB-T / USB (DVB-LOGIC, USB-LOGIC)	Multimedia v.LOGIC	Multimedia c.LOGIC	Multimedia c.LOGIC.lite	OEM Accessibility	OBD- Activations	TV-Free
Porsche - PCM 2.1	DVB-PCM21	-	C2-PCM21	C1-PCM21	SW-V2X1-FAK	-	TF-PCM21 (TV-500 ; TV-POR01)
Porsche - PCM 3.0 / PCM 3.1	-	-	C4-PCM3	-	-	-	TF-PCM30 (TV-500 ; TV-NTG2)
VW - MFD1 ; Audi - Navi Plus	DVB-MFD1	-	C2-MFD1	C1-MFD1	ZLA-MFD	-	-
VW - MFD2 / RNS2 ; Skoda - Nexus	DVB-MFD2	-	C2-MFD2	C1-MFD2	ZLA-MFD	-	TF-MFD2 (TV-500 ; TV-VW01)
VW - MFD2 / RNS2 - with factory-fitted rear view camera	DVB-MFD2-R1	-	C2-MFD2-R1	C1-MFD2-R3			
VW - MFD3 / RNS510 ; Skoda - Columbus	DVB-MFD3	-	C2-MFD3	C1-MFD3	ZLA-MFD / RGB-03CAM	TV-500*	TF-MFD3 * (TV-500 ; TV-VW02)
VW - MFD3 / RNS510 with factory-fitted rear view camera and control module	DVB-MFD3-R1	-	C2-MFD3-R1	C1-MFD3-R3			
VW - MFD3 / RNS510 with factory-fitted rear view camera without control module	DVB-MFD3-R2	-	C2-MFD3-R2	C1-MFD3-R2			
VW Phaeton Navigation system (1. Generation)	-	-	-	-	ZLA-MFD	-	TF-U500 (TV-500 ; TV-UNI)
BMW 16:9 Navigation system Professional (E46,E39,E53 with MK3-4) w/o AUX IN	DVB-MK-CD	-	C2-MK-CD	-	ZLA-MK / ZLA-MK-PNP	-	TF-BMW02 **
BMW 16:9 Navigation system Professional (E46,E39,E53,E83,E85 - MK3-4) with AUX IN	DVB-MK-AUX	-	C2-MK-AUX				
BMW iDrive Professional Navigation CCC / CIC <sup>1</sup> - Series 1 (E87), Series 3 (E9x), Series 5 (E60), Series 6 (E63) , X1(E84), X5 (E70), X6 (E71), Z4(E89)	CCC Navigation w/o factory TV Tuner connection	DVB-CCC	V3-CCC	C2-CCC	C1-CCC	SW-V2X1-MQS	TF-CIC **** (TV-501 ; TV-BMW01)
	CCC Navigation with factory TV Tuner connection	DVB-CXC-TV1	V3-CCC	C2-CXC-TV1	C1-CXC-TV1		
	CCC Navigation with factory TV Tuner	-	V3-CCC	C2-CCC-DVD	C1-CCC-DVD		
	CIC Navigation without factory TV Tuner connection	DVB-CIC	V3-CIC-E	C2-CIC	C1-CIC		
	CIC Navigation with factory TV Tuner connection	DVB-CXC-TV1	V3-CIC-E	C2-CXC-TV1	C1-CXC-TV1		
	CIC Navigation with factory TV Tuner	-	V3-CIC-E	C2-CIC-DVD	C1-CIC-DVD		
BMW iDrive Business Navigation (6,5" Monitor with 10Pin LVDS connector)	-	V3-CCC	-	-	-	-	-
BMW iDrive Business Navigation (6,5" Monitoit 4Pin HSD LVDS connector)	-	V3-CIC-E	-	-	-	-	-
BMW iDrive Professional Navigation (CIC2) X3 (F25), Series 5 (F10), Series 5 GT (F07), Series 7 (F01,F02)	-	V3-CIC-F	-	-	-	-	TF-CIC2
BMW Navigation Professional Series 7 (E65) with factory-fitted TV tuner connection	DVB-E65-TV	-	C2-E65-TV	C1-E65-TV	SW-V2X1-MQS	-	TF-E65 **** (TV-501 ; TV-BMW65)
BMW Navigation Professional Series 7 (E65) w/o factory-fitted TV tuner connection	DVB-E65	-	C2-E65	C1-E65			

\*TV-Free Interface "TV-500" already includes TV-Activation for the MFD3/RNS510/Columbus and Range Rover navigation system.

\*\*Only required if used with the factory-fitted TV tuner.

\*\*\*Navigation is inoperable with activated TV Free function.

\*\*\*\*TV-401(TV436) Interface with Plug & Play cable kit comes bundled with C1C-M36/C2C-M336.

<sup>1</sup>BMW CIC systems in conjunction with factory-fitted rear view camera / Top View cameras are not compatible with "c.LOGIC.lite" interfaces.

### DVB-MFD1

#### DVB-T Tuner for Audi / VW / Škoda / Seat - Navi Plus / MFD1

Diversity DVB-T Tuner and Multimedia interface in one casing.  
 The Plug & Play cable kit allows for easy connection to the navigation unit.  
 The Tuner functions are controlled via the navigation buttons.  
 The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Audi - NAVI Plus
- VW - MFD 1
- Seat - MFD 1
- Škoda - MFD 1



### DVB-MFD2

#### DVB-T Tuner for VW / Škoda / Maserati - MFD2 / RNS2 / Nexus incl. TV-Free

Diversity DVB-T Tuner and Multimedia interface in one casing.  
 The Plug & Play cable kit allows for easy connection to the navigation unit.  
 The Tuner functions are controlled via the navigation buttons.  
 The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- VW - MFD2/RNS2
- Škoda - Nexus
- Maserati Quattroporte - Navigation



### DVB-MFD2-R1

#### DVB-T Tuner for VW - MFD2 / RNS2 (with factory-fitted rear view camera and external control module) incl. TV-Free

Diversity DVB-T Tuner and Multimedia interface in one casing.  
 The Plug & Play cable kit allows for easy connection to the navigation unit.  
 The Tuner functions are controlled via the navigation buttons.  
 The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- VW - MFD2/RNS2 with rear view camera and external control module



## DVB-MFD3

### DVB-T Tuner for VW / Škoda - MFD3 / RNS510 / Columbus incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.  
The Plug & Play cable kit allows for easy connection to the navigation unit.  
The Tuner functions are controlled via the navigation buttons.  
The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- VW - MFD3/RNS510
- Škoda - Columbus



## DVB-MFD3-R1

### DVB-T Tuner for VW - MFD3 / RNS510 (with factory-fitted rear view camera and external control module) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.  
The Plug & Play cable kit allows for easy connection to the navigation unit.  
The Tuner functions are controlled via the navigation buttons.  
The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- VW - MFD3/RNS510 with factory-fitted rear view camera and ext. control module



## DVB-MFD3-R2

### DVB-T Tuner for VW - MFD3 / RNS510 (with factory-fitted rear view camera w/o external control module) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.  
The Plug & Play cable kit allows for easy connection to the navigation unit.  
The Tuner functions are controlled via the navigation buttons.  
The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- VW - MFD3/RNS510 with factory-fitted rear view camera w/o ext. control module



## DVB-CCC

### DVB-T Tuner for BMW iDrive Professional Navigation (CCC) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.  
The Plug & Play cable kit allows for easy connection to the navigation unit.  
The Tuner functions are controlled via the iDrive control knob.  
The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- BMW - iDrive Professional Navigation (CCC)



## DVB-CIC

### DVB-T Tuner for BMW iDrive Professional Navigation (CIC) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.  
The Plug & Play cable kit allows for easy connection to the navigation unit.  
The Tuner functions are controlled via the iDrive control knob.  
The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- BMW - iDrive Professional Navigation (CIC)(HDD Navigation)



## DVB-CXC-TV1

### DVB-T Tuner for BMW iDrive Professional Navigation (CCC / CIC with factory-fitted TV Tuner connection) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.  
The Plug & Play cable kit allows for easy connection to the navigation unit.  
The Tuner functions are controlled via the iDrive control knob.  
The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- BMW - iDrive Professional Navigation (CCC) with factory-fitted TV Tuner connection w/o VT functionality
- BMW - iDrive Professional Navigation (CIC)(HDD Navigation) with factory-fitted TV Tuner connection w/o VT functionality



## DVB-E65

### DVB-T Tuner for Series 7 BMW E65 with iDrive Professional Navigation incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.  
 The Plug & Play cable kit allows for easy connection to the navigation unit.  
 The Tuner functions are controlled via the iDrive control knob.  
 The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Series 7 BMW E65 - iDrive Professional Navigation (Version with "MENU" button at the center console)



## DVB-E65-TV

### DVB-T Tuner for Series 7 BMW E65 with iDrive Professional Navigation (with factory fitted TV Tuner connection) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.  
 The Plug & Play cable kit allows for easy connection to the navigation unit.  
 The Tuner functions are controlled via the iDrive control knob.  
 The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Series 7 BMW E65 - iDrive Professional Navigation with factory-fitted TV connection (Version with "MENU" button at the center console)



## DVB-MK-AUX

### DVB-T Tuner for BMW 16:9 Navigation System Professional MK3/MK4 (with AUX IN input) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.  
 The Plug & Play cable kit allows for easy connection to the navigation unit.  
 The Tuner functions are controlled via the navigation buttons.  
 The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For BMW vehicles with AUX IN input:

- Series 3 (E46) • X3 (E83) • Z4 (E85)
- Series 5 (E39) • X5 (E53) • MINI



## DVB-MK-CD

### DVB-T Tuner for BMW 16:9 Navigation System Professional

#### MK3/MK4 (w/o AUX IN Input) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For BMW vehicles:

- Series 3 (E46)
- X5 (E53)
- Series 5 (E39)
- Series 7 (E38)



## DVB-LR

### DVB-T Tuner for Land Rover Touchscreen Navigation

#### (1. Generation) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- Landrover - Touchscreen Navigation (1. Generation)



## DVB-LR10

### DVB-T Tuner for Land Rover Touchscreen Navigation

#### (2. Generation) incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- Landrover - Touchscreen Navigation (2. Generation)



## DVB-C20

### DVB-T Tuner for Mercedes COMAND 2.0 / APS220

incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Mercedes - COMAND 2.0
- Mercedes - COMAND APS220 (COMAND APS CD)



## DVB-C25

### DVB-T Tuner for Mercedes COMAND 2.5 incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Mercedes - COMAND 2.5



## DVB-NTG1

### DVB-T Tuner for Mercedes COMAND NTG1 incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- Mercedes - COMAND NTG1



## DVB-NTG2

### DVB-T Tuner for Mercedes **COMAND NTG2** incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- Mercedes - COMAND NTG2



## DVB-NTG25

### DVB-T Tuner for Mercedes **COMAND NTG2.5** incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- Mercedes - COMAND NTG2.5



## DVB-PCM21

### DVB-T Tuner for Porsche Cayenne **PCM2.1** incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- Porsche Cayenne - PCM2.1



## DVB-RNSE

### DVB-T Tuner for Audi / Lamborghini- RNS-E incl. TV-Free.

Diversity DVB-T Tuner and Multimedia interface in one casing.

The Plug & Play cable kit allows for easy connection to the navigation unit.

The Tuner functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- Audi - RNS-E
- Lamborghini - RNS-E



## DVB-IRSET

### Remote Unit for DVB-LOGiC TV Tuner.

Remote unit for DVB-LOGiC TV Tuner incl. IR - Receiver.



## ANT12

### Antenna for DVB-LOGiC TV Tuner.

Optional antenna for DVB-LOGiC TV Tuner.



## usbLiNK

### Standalone USB media player.

State-of-the-art USB media player. This device allows for playback of many popular A/V formats, such as MP3, AVI, VOB, MOV, RMVB, JPG. It has an integrated "Last Position Memory" funktion and supports USB thumb drives and hard drives with capacities of up to 2TB (NTFS Format). Controls are provided via either a remote control or -in conjunction with the "STA-LINK" control cable- via the c.LOGiC or c.LOGiC lite interfaces.



### USB-MFD1

#### USB media player for Audi / VW / Škoda / Seat - Navi Plus / MFD1

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Audi - NAVI Plus
- VW - MFD 1
- Seat - MFD 1
- Škoda - MFD 1



### USB-MFD2

#### USB media player for VW / Škoda / Maserati - MFD2 / RNS2 / Nexus incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For navigation systems:

- VW - MFD2/RNS2
- Škoda - Nexus
- Maserati Quattroporte - Navigation



### USB-MFD2-R1

#### USB media player for VW - MFD2 / RNS2 (with factory-fitted rearview camera and external control module) incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

For navigation systems:

- VW - MFD2/RNS2 with factory-fitted rearview camera and ext. control module



## USB-MFD3

**USB media player for VW / Škoda - MFD3 / RNS510 / Columbus incl. TV-Free.**

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- VW - MFD3/RNS510
- Škoda - Columbus



## USB-MFD3-R1

**USB media player for VW - MFD3 / RNS510 (with factory-fitted rearview camera and external control module) incl. TV-Free.**

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

For navigation systems:

- VW - MFD3/RNS510 with factory-fitted rearview camera and ext. control module



## USB-MFD3-R2

**USB media player for VW - MFD3 / RNS510 (with factory-fitted rearview camera w/o external control module) incl. TV-Free.**

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection; reversing signal

For navigation systems:

- VW - MFD3/RNS510 with factory-fitted rearview camera w/o ext. control module



## USB-CCC

### USB media player for BMW iDrive Professional Navigation (CCC) incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- BMW - iDrive Professional Navigation (CCC)



## USB-CIC

### USB media player for BMW iDrive Professional Navigation (CIC) incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- BMW - iDrive Professional Navigation (CIC)(Hard Drive Navigation)



## USB-CXC-TV1

### USB media player for BMW iDrive Professional Navigation (CCC / CIC with factory-fitted TV Tuner connection) incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- BMW - iDrive Professional Navigation (CCC) with factory-fitted TV tuner connection w/o VT function
- BMW - iDrive Professional Navigation (CIC)(Hard Drive Navigation) with factory-fitted TV tuner connection w/o VT function



## USB-E65

### USB media player for Series 7 BMW E65 with iDrive Professional Navigation incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Series 7 BMW E65 - iDrive Professional Navigation (Version with "MENU" button at the center console)



## USB-E65-TV

### USB media player for Series 7 BMW E65 with iDrive Professional Navigation (with factory-fitted TV Tuner connection) incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Series 7 BMW E65 - iDrive Professional Navigation with factory-fitted TV tuner connection (Version with "MENU" button at the center console)



## USB-MK-AUX

### USB media player for BMW 16:9 Navigation system Professional MK3/MK4 (with AUX IN) incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For BMW vehicles with AUX IN:

- Series 3 (E46) • X3 (E83) • Z4 (E85)
- Series 5 (E39) • X5 (E53) • MINI



## USB-MK-CD

### USB media player for BMW 16:9 Navigation system Professional

#### MK3/MK4 (w/o AUX IN) incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For BMW vehicles:

- Series 3 (E46)
- X5 (E53)
- Series 5 (E39)
- Series 7 (E38)



## USB-LR

### USB media player for Land Rover Touchscreen Navigation

#### (1. Generation) incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For navigation systems:

- Landrover - Touchscreen Navigation (1. Generation)



## USB-LR10

### USB media player for Land Rover Touchscreen Navigation

#### (2. Generation) incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For navigation systems:

- Landrover - Touchscreen Navigation (2. Generation)



## USB-C20

### USB media player for Mercedes COMAND 2.0 / APS220

incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Mercedes - COMAND 2.0
- Mercedes - COMAND APS220 (COMAND APS CD)



## USB-C25

### USB media player for Mercedes COMAND 2.5 incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection

For navigation systems:

- Mercedes - COMAND 2.5



## USB-NTG1

### USB media player for Mercedes COMAND NTG1 incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For navigation systems:

- Mercedes - COMAND NTG1



## USB-NTG2

### USB media player for Mercedes COMAND NTG2 incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For navigation systems:

- Mercedes - COMAND NTG2



## USB-NTG25

### USB media player for Mercedes COMAND NTG2.5 incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For navigation systems:

- Mercedes - COMAND NTG2.5



## USB-PCM21

### USB media player for Porsche Cayenne PCM2.1 incl. TV-Free.

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system. The player functions are controlled via the navigation buttons. The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For navigation systems:

- Porsche Cayenne - PCM2.1



## USB-RNSE

**USB media player for Audi / Lamborghini- RNS-E incl. TV-Free.**

USB media player and Multimedia interface in one casing. The "Plug & Play" cable Kit allows for easy connectivity to the navigation system.

The player functions are controlled via the navigation buttons.

The interface also supports the connection of an additional video source (e.g. DVD Player). Additionally, input for a rear view camera and S-connection for the video source are provided. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; 1x video output ; S-connection;

reversing signal

For navigation systems:

- Audi - RNS-E
- Lamborghini - RNS-E



## USB-IRSET

**Remote control for USB-LOGiC media player.**

Includes IR - receiver



## MULTIMEDIA - v.LOGIC

### V3-CCC

#### v.LOGiC interface for BMW Business and CCC Professional Navigation incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation system Professional (CCC Version)** or **Business (M-ASK)** by **BMW**. The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 3x A/V (optional front camera at AV3) and 1x rearview camera input ; 1x A/V output ; S-connection ; reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CCC with 10Pin LVDS connector)
- BMW - iDrive Business Navigation (M-ASK with 10Pin LVDS connector)



### V3-CIC-E

#### v.LOGiC interface for BMW Business and CIC 1 Professional Navigation incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation system Professional (CIC 1 Version)** or **Business** by **BMW**. The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 3x A/V (optional front camera at AV3) and 1x rearview camera input ; 1x A/V output ; S-connection ; reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CIC 1 with HSD LVDS connector)
- BMW - iDrive Business Navigation (with HSD LVDS connector)



### V3-CIC-F

#### v.LOGiC interface for BMW Business and CIC 2 Professional Navigation incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation system Professional (CIC 2 Version)** or **Business** by **BMW**. The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 3x A/V (optional front camera at AV3) and 1x rearview camera input ; 1x A/V output ; S-connection ; reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CIC 2 with 4 Pin HSD LVDS connector)
- BMW - iDrive Business Navigation (with 4 Pin HSD LVDS connector)



## V3-MMI3G

### v.LOGiC interface for Audi **MMI3G High Navigation**

incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation system MMI3G High by Audi**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 3x A/V (optional front camera at AV3) and 1x rearview camera input ; 1x A/V output ; S-connection ; reversing signal

For navigation systems:

- Audi - Navigation MMI3G High (with 4 Pin HSD LVDS connector)



## V3-MMI3G-B

### v.LOGiC interface for Audi A1 **MMI3G High Navigation**

incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation system MMI3G High of the Audi A1**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 3x A/V (optional front camera at AV3) and 1x rearview camera input ; 1x A/V output ; S-connection ; reversing signal

For navigation systems:

- Audi A1 - Navigation MMI3G High (with 4 Pin HSD LVDS connector)



## V3-NTG4

### v.LOGiC interface for Mercedes **COMAND NTG4 and Audio50 APS NTG4** incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation systems COMAND NTG4 and Audio50 APS NTG4 by Mercedes**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 3x A/V (optional front camera at AV3) and 1x rearview camera input ; 1x A/V output ; S-connection ; reversing signal

For navigation systems:

- Mercedes - COMAND NTG4 (with 10 Pin LVDS connector)
- Mercedes - Audio50 APS NTG4 (with 10 Pin LVDS connector)



## V3-NTG45

### v.LOGiC interface for Mercedes COMAND NTG4.5 and Audio20 NTG4.5 incl. TV-Free.

This interface allows for the connection of external video sources

(e.g. DVD Player, DVB-T Tuner) to the **Navigation systems COMAND NTG4.5** and **Audio20 NTG4.5** by **Mercedes**.

The connected video sources are controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 3x A/V (optional front camera at AV3) and 1x rearview camera input ; 1x A/V output ; S-connection ; reversing signal

For navigation systems:

- Mercedes - COMAND NTG4.5 (with 4 Pin HSD LVDS connector)
- Mercedes - Audio20 NTG4.5 (with 4 Pin HSD LVDS connector)



## MULTIMEDIA - c.LOGIC

### C2-LR

#### Multimedia interface for Land Rover Touch-Screen Navigation (1. Generation) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Touchscreen** Navigation system (1. Generation) **by Land Rover (Vogue, Sports, Discovery 3)**.

The connected video sources are controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V und 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Landrover - Touchscreen Navigation (1. Generation)



### C2-LR10

#### Multimedia interface for Land Rover Touch-Screen Navigation (2. Generation) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Touchscreen** Navigation system (2. Generation) **by Land Rover (Vogue, Sports, Discovery 3)**.

The connected video sources are controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V und 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Landrover - Touchscreen Navigation (2. Generation)



### C4-LR12

#### Multimedia interface for Land Rover Touch-Screen Navigation (3. Generation) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Touchscreen** Navigation system (3. Generation) **by Land Rover (Vogue, Sports, Discovery 3)**.

The connected video sources are controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V und 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Landrover - Touchscreen Navigation (3. Generation)



## C2-MK-CD

### Multimedia interface for BMW 16:9 Navigation System

#### Professional MK3/MK4 (w/o AUX IN) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **BMW 16:9 Navigation System Professional MK3/MK4** without factory-fitted TV Tuner.

The connected video sources are controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For BMW vehicles w/o AUX IN:

- Series 3 (E46) • X5 (E53)
- Series 5 (E39) • Z4 (E85)
- X3 (E83)



## C2-MK-AUX

### Multimedia interface for BMW 16:9 Navigation System

#### Professional MK3/MK4 (with AUX IN) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **BMW 16:9 Navigation System Professional MK3/MK4** without factory-fitted TV Tuner.

The connected video sources are controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For BMW vehicles with AUX IN:

- Series 3 (E46) • X5 (E53)
- Series 5 (E39) • Z4 (E85)
- X3 (E83)



## C2-CCC

### Multimedia interface for BMW iDrive Professional

#### Navigation (CCC) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation System Professional** by **BMW (CCC Version)**.

The connected video sources are controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CCC)



## C2-CIC

### Multimedia interface for BMW iDrive Professional Navigation (CIC) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation system Professional** by **BMW (CIC Version)**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CIC)



## C2-CXC-TV1

### Multimedia interface for BMW iDrive Professional Navigation (CCC / CIC with factory-fitted TV tuner connection) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation System Professional** by **BMW (CCC / CIC Version with factory-fitted TV tuner connection)**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CCC) with factory-fitted TV tuner connection
- BMW - iDrive Professional Navigation (CIC) with factory-fitted TV tuner connection



## C2-CCC-DVD

### Multimedia interface for BMW iDrive Professional Navigation (CCC with factory-fitted TV Tuner) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation System Professional** by **BMW (CCC Version)** while retaining the factory-fitted TV tuner..

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CCC) with factory-fitted TV Tuner



## C2-CIC-DVD

### Multimedia interface for BMW iDrive Professional Navigation (CIC) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation System Professional** by **BMW (CIC Version)**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CIC)



## C2-E65

### Multimedia interface for Series 7 BMW E65 iDrive Professional Navigation incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation System Professional** of the **Series 7 BMW E65**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Series 7 BMW E65 - iDrive Professional Navigation (Version with "MENU" button at the center console)



## C2-E65-TV

### Multimedia interface for Series 7 BMW E65 iDrive Professional Navigation (with factory-fitted TV tuner connection) incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the **Navigation System Professional** by **BMW (E65 with factory-fitted TV tuner connection)**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Series 7 BMW E65 - iDrive Professional Navigation with factory-fitted TV tuner connection (Version with "MENU" button at the center console)



## C2-NTG1

### Multimedia interface for Mercedes **COMAND NTG1** incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the Navigation System **COMAND NTG1** by **Mercedes** (for a vehicle overview refer to page 7).

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Mercedes - COMAND NTG1



## C2-NTG2

### Multimedia interface for Mercedes **COMAND NTG2** incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the Navigation System **COMAND NTG2** by **Mercedes** (for a vehicle overview refer to page 7).

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Mercedes - COMAND NTG2



## C2-NTG25

### Multimedia interface for Mercedes **COMAND NTG2.5** incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the Navigation System **COMAND NTG2.5** by **Mercedes** (for a vehicle overview refer to page 7).

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Mercedes - COMAND NTG2.5



## C2-C20

### Multimedia interface for Mercedes COMAND 2.0 / APS220 incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the Navigation System

**COMAND 2.0 / APS220 (COMAND APS CD) by Mercedes.** (for a vehicle overview refer to page 7)

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal



For navigation systems:

- Mercedes - COMAND 2.0
- Mercedes - COMAND APS220 (COMAND APS CD)

## C2-C25

### Multimedia interface for Mercedes COMAND 2.5 incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the Navigation System

**COMAND 2.5 by Mercedes.** (for a vehicle overview refer to page 7)

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal



For navigation systems:

- Mercedes - COMAND 2.5

## C2-RNSE

### Multimedia interface for Audi / Lamborghini RNS-E incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the Navigation System **RNS-E** by **Audi / Lamborghini**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Audi - RNS-E
- Lamborghini - RNS-E



## C2-MMI2G

### Multimedia interface for Audi MMI 2G System incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MMI 2G** by **AUDI** (A4, A5, A6, A8, Q7).

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Plug & Play Installation) (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- AUDI - Navigation System MMI 2G



## C2-PCM21

### Multimedia interface for Porsche Cayenne PCM2.1 incl. TV-Free.

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the Navigation System **PCM 2.1** of the **Porsche Cayenne**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Porsche Cayenne - PCM2.1



## C4-PCM3

### Multimedia interface for Porsche PCM3.0 / PCM3.1 incl. TV-Free

This interface allows for the connection of external video sources (e.g. DVD Player, DVB-T Tuner) to the Navigation System **PCM3.0** and **PCM3.1** by **Porsche**.

The connected video sources are controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; 1x video output ; S-connection ; Reversing signal

For navigation systems:

- Porsche - PCM3.0
- Porsche - PCM3.1



## C2-MFD1

### Multimedia interface for Audi / VW / Škoda / Seat - Navi Plus / MFD1.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD1 / Navi Plus** by **Audi / VW / Škoda / Seat**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; S-connection

For navigation systems:

- Audi - NAVI Plus      • Škoda - MFD 1
- VW - MFD 1
- Seat - MFD 1



## C2-MFD2

### Multimedia interface for VW / Škoda - MFD2 / RNS2 / Nexus incl. TV-Free.

Das Interface ermöglicht den Anschluss beliebiger externer Videoquellen (z.B. DVD Player, DVB-T Tuner) an das Bildschirm Navigationssystem **MFD2 / RNS2 / Nexus** by **VW / Škoda**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- VW - MFD2/RNS2
- Škoda - Nexus



## C2-MFD2-R1

### Multimedia Interface for VW - MFD2 / RNS2 incl. TV-Free (with factory-fitted rear view camera and external control module).

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD2 / RNS2 / MFD3 / RNS510** by **VW**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- VW - MFD2/RNS2 with rear view camera and external control module



## C2-MFD3

### Multimedia interface for VW / Škoda - MFD3 / RNS510 / Columbus incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD3 / RNS510 / Columbus** by **VW / Škoda**. The connected video source is controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- VW - MFD3/RNS510
- Škoda - Columbus



## C2-MFD3-R1

### Multimedia Interface for VW - MFD3 / RNS510 incl. TV-Free (with factory-fitted rear view camera and external control module).

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD3 / RNS510** by **VW**.

The connected video source is controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; S-connection

For navigation systems:

- VW - MFD3/RNS510 with rear view camera and external control module



## C2-MFD3-R2

### Multimedia Interface for VW - MFD3 / RNS510 incl. TV-Free (with factory-fitted rear view camera w/o external control module).

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD3 / RNS510** by **VW**.

The connected video source is controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 2x A/V and 1x rear view camera input ; S-connection

For navigation systems:

- VW - MFD3/RNS510 with rear view camera w/o external control module



## MULTIMEDIA - c.LOGiG LITE

### C1-LR

#### Multimedia interface for Land Rover Touch-Screen Navigation (1. Generation) incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the **Touchscreen Navigation System (1. Generation)** **by Land Rover (Vogue, Sports, Discovery 3)**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Landrover - Touchscreen Navigation (1. Generation)



### C1-LR10

#### Multimedia interface for Land Rover Touch-Screen Navigation (2. Generation) incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the **Touchscreen Navigation System (2. Generation)** **by Land Rover (Vogue, Sports, Discovery 3)**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Landrover - Touchscreen Navigation (2. Generation)



### C1-CCC

#### Multimedia interface for BMW iDrive Professional Navigation (CCC) incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the **Touchscreen Navigation System Professional by BMW (CCC Version)**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CCC)



## C1-CIC

### Multimedia interface for BMW iDrive Professional Navigation (CIC) incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the **Touchscreen Navigation System Professional by BMW (CIC Version)**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CIC) ohne Werks Rückfahrkamera

Caution: MW CIC systems in conjunction with factory-fitted rear view camera / Top View cameras are not compatible with "c.LOGiC.lite" interfaces.



## C1-CXC-TV1

### Multimedia interface for BMW iDrive Professional Navigation (CCC / CIC with factory-fitted TV tuner connection) incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the **Touchscreen Navigation System Professional by BMW (CCC / CIC Version with factory-fitted TV tuner connection)**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CCC) with factory-fitted TV tuner connection
- BMW - iDrive Professional Navigation (CIC) with factory-fitted TV tuner connection

Caution: MW CIC systems in conjunction with factory-fitted rear view camera / Top View cameras are not compatible with "c.LOGiC.lite" interfaces.



## C1-CCC-DVD

### Multimedia interface for BMW iDrive Professional Navigation (CCC with factory-fitted TV tuner) incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the **Touchscreen Navigation System Professional by BMW (CCC Version)** while retaining the factory-fitted TV tuner.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CCC) with factory-fitted TV tuner



## C1-CIC-DVD

### Multimedia interface for BMW iDrive Professional Navigation (CIC with factory-fitted TV tuner) incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **Professional** by **BMW** (**CIC Version**) while retaining the factory-fitted TV tuner.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- BMW - iDrive Professional Navigation (CIC) with factory-fitted TV tuner

Caution: MW **CIC** systems in conjunction with factory-fitted rear view camera / Top View cameras are not compatible with "c.LOGiC.lite" interfaces.



## C1-E65

### Multimedia interface for Series 7 BMW E65 iDrive Professional Navigation incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **Professional** by **Series 7 BMW E65**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Series 7 BMW E65 - iDrive Professional Navigation (Version with "MENU" button at the center console)



## C1-E65-TV

### Multimedia interface for Series 7 BMW E65 iDrive Professional Navigation (with factory-fitted TV tuner connection) incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **Professional** by **BMW (E65 with factory-fitted TV tuner connection)**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Series 7 BMW E65 - iDrive Professional Navigation with factory-fitted TV tuner connection (Version with "MENU" button at the center console)



## C1-NTG2

### Multimedia interface for Mercedes COMAND NTG1 / NTG2

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **COMAND NTG1 & NTG2** by **Mercedes** (for a vehicle overview refer to page 7).

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Mercedes - COMAND NTG1
- Mercedes - COMAND NTG2

(Optional - COMAND NTG 1 TV-Free Order Nr.: [TV-500 ; TV-NTG1](#))

(Optional - COMAND NTG 2 TV-Free Order Nr.: [TV-500 ; TV-NTG2](#))



## C1-NTG25

### Multimedia interface for Mercedes COMAND NTG2.5

incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **COMAND NTG2.5** by **Mercedes** (for a vehicle overview refer to page 7).

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Mercedes - COMAND NTG2.5



## C1-C20

### Multimedia interface for Mercedes COMAND 2.0 / APS220

incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **COMAND 2.0 / APS220 (COMAND APS CD)** by **Mercedes** (for a vehicle overview refer to page 7).

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Mercedes - COMAND 2.0
- Mercedes - COMAND APS220 (COMAND APS CD)



## C1-C25

### Multimedia interface for Mercedes COMAND 2.5

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **COMAND 2.5** by **Mercedes**. (For Fahrzeugübersicht siehe Page 7)

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Mercedes - COMAND 2.5



## C1-RNSE

### Multimedia interface for Audi / Lamborghini RNS-E.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **RNS-E** by **Audi / Lamborghini**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Audi - RNS-E
- Lamborghini - RNS-E

(Optional - TV-Free Order Nr.: **TV-500** ; **TV-VW01**)



## C1-MFD1

### Multimedia interface for Audi / VW / Škoda / Seat - Navi Plus / MFD1.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD1 / Navi Plus** by **Audi / VW / Škoda / Seat**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection

For navigation systems:

- Audi - NAVI Plus
- Škoda - MFD 1
- VW - MFD 1
- Seat - MFD 1



## C1-MFD2

### Multimedia interface for VW / Škoda / Maserati - MFD2 / RNS2 / Nexus.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD2 / RNS2 / Nexus** by **VW / Škoda / Maserati**.

The connected video source is controlled via the navigation unit buttons. Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- VW - MFD2/RNS2
- Škoda - Nexus



(Optional - TV-Free Order Nr.: **TV-500 ; TV-VW01**)

## C1-MFD2-R1

### Multimedia interface for VW - MFD2 / RNS2 (with factory-fitted rear view camera and external control module).

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD2 / RNS2** by **VW**.

The connected video source is controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection

For navigation systems:

- VW - MFD2/RNS2 with factory-fitted rear view camera and external control module



(Optional - TV-Free Order Nr.: **TV-500 ; TV-VW02**)

## C1-MFD3

### Multimedia interface for for VW / Škoda - MFD3 / RNS510 / Columbus incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD3 / RNS510 / Columbus** by **VW / Škoda**.

The connected video source is controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- VW - MFD3/RNS510
- Škoda - Columbus



## C1-MFD3-R3

### Multimedia interface for VW - MFD3 / RNS510 incl. TV-Free (with factory-fitted rear view camera and external control module).

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD3 / RNS510** by **VW**.

The connected video source is controlled via the navigation unit buttons.

Additionally, the interface provides an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection

For navigation systems:

- VW - MFD3/RNS510 with rear view camera and external control module



## C1-MFD3-R2

### Multimedia interface for VW - MFD3 / RNS510 incl. TV-Free (with factory-fitted rear view camera w/o external control module).

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MFD3 / RNS510** by **VW**.

The connected video source is controlled via the navigation unit buttons.

Additionally, the interface provides an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection

For navigation systems:

- VW - MFD3/RNS510 with rear view camera w/o external control module



## C1-PCM21

### Multimedia interface for Porsche Cayenne PCM2.1

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **PCM 2.1** of the **Porsche Cayenne**.

The connected video source is controlled via the navigation unit buttons.

Additionally, the interface provides automatic rear view camera switching and an S-connection for the video source. (Refer to page 52 for a device overview)

Connections: 1x A/V and 1x rear view camera input ; S-connection; reversing signal

For navigation systems:

- Porsche Cayenne - PCM2.1



(Optional - TV-Free Order Nr.: **TV-500 ; TV-POR01**)

## MULTIMEDIA - BASIC

### ZL-MYGIG

#### Multimedia interface for MYGIG Navigation incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the navigation system **MyGig** by **Chrysler, Dodge** and **Ferrari California**.

Connections: 1x A/V input and 1x A/V output



### ZL-MYGIG-R

#### Multimedia interface for MYGIG Navigation incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the navigation system **MyGig** by **Chrysler, Dodge** and **Ferrari California**.

Additionally, the interface provides a rear view camera activation incl. automatic switching.

Connections: 1x A/V input, 1x A/V output und 1x rear view camera input



### ZL-NTG4

#### Multimedia interface for Mercedes COMAND NTG4 incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the navigation system **NTG4** by **Mercedes**.

Connections: 1x A/V input



### ZL-NTG4-R

#### Multimedia interface for Mercedes COMAND NTG4 incl. TV-Free.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the navigation system **NTG4** by **Mercedes**.

Additionally, the interface provides a rear view camera activation incl. automatic switching.

**Attention:** The use of this interface in conjunction with an aftermarket rear view camera requires the cable kit "CAB-TVAS20".

Connections: 1x A/V ; 1x Rear view camera input



## ZL-CCC

### Multimedia interface for BMW iDrive Professional Navigation (CCC with factory-fitted TV tuner).

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **Professional** by **BMW (CCC Version)** with factory-fitted TV tuner.

Controls via the navigation system are not supported.

Connections: 1x A/V input

For navigation systems:

- BMW - iDrive Professional Navigation (CCC) with factory-fitted TV tuner



## ZL-MMI3G

### Multimedia interface for Audi MMI 3G High System.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **MMI 3G High** by **AUDI (A4, A5, A6, Q5, Q7)**

Connections: 1x A/V input

For navigation systems:

- Audi - MMI 3G High System



## MULTIMEDIA - Control cables

### STA-AL25

#### Control cable for:

- DVD Alpine DVE-5207
- DVB-T Alpine TUE-T150DV
- V-HUB VPA-B222R Alpine Radio
- V-HUB VPA-B222R Alpine DVD
- Analog-TV Alpine TUE-T112P
- DVDC Alpine DHA-S690



### STA-D2007

#### Control cable for:

- DVB-T DVB2007
- Dietz 1491/1491V
- DVB-T Eastern SE863-T



### STA-SV4

#### Control cable for:

- DVB Alpine TUE-T200DVB



### STA-SV42

#### Control cable for:

- Conexx DVB-T Mini (blue)
- Hirschmann DVB-T (1. Generation)
- Visteon DVB-T



### STA-SV43

#### Control cable for:

- DVB-T DTR-1203EU



### STA-SV44

#### Control cable for:

- Hirschmann DVB-T (2. Generation)



### STA-SV7

#### Control cable for:

- DVD SAN
- TRT-003



### STA-SV8

#### Control cable for:

- DVB-T DVB2008
- DVB-T TRT-400



## STA-SV82

Control cable for:

- DVB-T M-DVT0201



## STA-SV83

Control cable for:

- DVB 288 CS (MPG4)



## STA-USB

Control cable for:

- DVD USB
- DVP-1000M
- DVP-900HD
- DVB-T Carmedien DVB423
- BOA-DVD 85700 /AIV
- DVD Elite ELT-900XU
- DVD Axion VDV-402



## STA-UNI

Control cable for:

- DVDC CKO DVC10
- DVDC CKO-DVC 6M
- DVD 1/2 DIN (No Name)
- TRT-500
- DVB-T ZENEC ZE-DVBT25
- DVD ZENEC ZE-080
- DVD 600



## STA-QTM

Control cable for:

- DVB-T Quantum QTM10



## STA-NL

Control cable for:

- Axion DVB-T 500
- CKO DVBT-1080
- SENERGY DVB-T
- DVB-T NL
- AMPIRE DVBT200
- AMPIRE DVBT50 / DVBT51



## STA-DAS

Control cable for:

- DAS DVB-T / Dietz 1492



## STA-LINK

Control cable for:

- USBLink



## STA-4M

Control cable for:

- AMPIRE DVBT55-HD



## STA-Y35MM

**Y-cable:**

This adapter allows for the parallel connection of the IR-receiver of the respective source with a mini-jack connection and the multimedia system.



## STA-YRJ12

**Y-cable:**

This adapter allows for the parallel connection of the IR-receiver of the respective source with RJ-11/12/14 connection and the multimedia system.



## STA-Y

**Y-cable:**

Allows for the interconnection of STA-xxx control cables to achieve parallel controls of two devices.



## MULTIMEDIA - DEVICE LIST

### Order Info regarding Multimedia Interface „C2-MMI2G“:

When placing an order for this interface, please refer to the device list below to determine the order code for the desired device combination to be controlled by the interface.  
*For example: Device 1 - TRT400 (=04) , Device 2 - DVP-1000M (=01) > Order Code „0401“*

RC Code	Geräte	Control cable
01	DVD USB, MP410, AD212U, DVP-1000M, DVP-900HD, DVD500U, Ampire DVX100/101/200i, Ampire DVX50, MP23	STA-USB
01	DV2602	STA-UNI
02	DVB-T DVB2007, Dietz 1491/V	STA-D2007
03	DVB-T Ampire DVB-T100 (not SL Version)	STA-USB
04	DVB-T DVB2008, TRT-400	STA-SV8
05	Panasonic TU-DTX600 (ISDB-T)	STA-USB
06	Pioneer Carrozzeria GEX-P90DTV (ISDB-T)	-
07	DVB-T NL, SENERGY DVB-T, CKO DVB-T 1080, Axion DVB-T 500, Bullit DVB-T, DVB-T D60	STA-NL
08	DVD SENERGY ADJQ-DVDRD, PYLE PLTD24, Veba, Carmedien CM06	STA-UNI
09	USBLink	STA-LINK
10	DVD Alpine DVE-5207, Alpine DVDC DHA-S690	STA-AL25
11	DVB-T Alpine TUE-T150DV	STA-AL25
11	Alpine TUE-T200DVB	STA-SV4
12	DVB-T Eastern SE863-T	STA-D2007
13	iPod Vlink	STA-USB
14	DVB-T ZENEC ZE-DVBT25, DVB-T TRT-500	STA-UNI
15	V-HUB VPA-B222R Alpine Radio	STA-AL25
16	V-HUB VPA-B222R Alpine DVD	STA-AL25
17	DAS - M21 DVB-T MPEG4 Tuner	STA-USB
18	Analog-TV Alpine TUE-T112P	STA-AL25
19	Analog-TV TRT-003	STA-SV7
20	BOA-DVD 85700 (1. Generation) / 85702 / AIV, MP412, C-KO 412	STA-USB
21	Kenwood KTC-D600E (MPEG-4 DVB-T)	STA-UNI
22	DVB-T Quantum QTM10	STA-QTM
23	MGAUDIO MG-200TV (Analogue Tuner)	STA-USB
24	DVDC CKO MPC6, DVC62	STA-UNI
25	DVD-TIXON (No Name)	-
26	HD-Player 3,5" MVIX MV-5000U	-
27	DVD Axion VDV-402	STA-USB
28	DVD Bullit CDVD12	STA-USB
29	DVD ZENEC ZE-080	STA-UNI
30	DVB-T Ampire DVBT200	STA-NL
31	DVB-T&DVD USB Digitaldynamic Multiplayer	STA-USB
32	iPod Alpine KCE-425I	STA-UNI
33	A-TV TVT-765	-
34	Conexx DVB-T Mini (blue)	STA-SV42
34	DVB-T DTR-1203EU / Clarion DTX509E	STA-SV43
35	DVB-T Carmedien DVBA23 (1. Generation)	STA-USB
36	DVB-T M-DVT0201 , Car-Hightech	STA-SV82
37	DVD600 (1/2 DIN USB/SD)	STA-UNI
38	DVD Phonocar VM 015 (USB/SD)	STA-UNI
39	Hirschmann DVB-T (1. Generation), Visteon DVB-T	STA-SV42
39	Hirschmann DVB-T (2. Generation) , M-USE DVB-T	STA-SV44
40	HD Microlab - Pocket X Div 25 (2,5 inch HD P. Tixxon)	STA-AL25
41	DVB-T D80, Ampire DVBT400, Digitaldynamic Dymage-T600, DVB-200, DVBT450	STA-NL
42	DAS / Dietz 1492 DVB-T, DAS M44	STA-DAS
43	DVB-T Ampire DVBT50 / DVBT51 / DVBT52	STA-NL
43	DVB-T Ampire DVBT53 / DVBT55	STA-4M
44	NavNGo	-
45	TRI 1100 DVB-T (USB / HDMI)	STA-NL
46	DVD500UX	STA-UNI
47	HD DVB-T MPEG-4 VCAN (HDMI, USB) 1. Generation	STA-USB
48	DVD BOA 85700 (2 Generation)	STA-UNI
49	ZEMEX DVBT D90 (DVB600) , DVB-T PBC3092A	STA-UNI
50	Alpine KCE-635 (USB Player)	STA-AL25
51	DVB 288 CS (MPG4 DVB-T)	STA-SV83
52	DVB-T Carmedien DVBA23 (2. Generation)	STA-USB
53	DVB-T Carmedien DVBA23 (3. Generation) / DVB1184	STA-USB
54	Carmedien DVD01 / DVD501 ( DVD Player)	STA-USB
55	BizzCar Multimedia DVB-T	-
56	HD DVB-T MPEG-4 VCAN (HDMI, USB) 2. Generation/ DVB-T 2010HD/ DT10HD	STA-SV43
57	DVD-4200	STA-UNI

## MULTIMEDIA - VARIOUS

### usbLiNK

#### Standalone USB media player.

State-of-the-art USB media player. This device allows for playback of many popular A/V formats, such as MP3, AVI, VOB, MOV, RMVB, JPG. It has an integrated "Last Position Memory" funktion and supports USB thumb drives and hard drives with capacities of up to 2TB (NTFS Format). Controls are provided via either a remote control or -in conjunction with the "STA-LINK" control cable- via the c.LOGiC or c.LOGiC lite interfaces.



### AV-LINK

#### 4-on-4 Audio/Video switch.

This switch-box provides 4 separate AV in- and outputs. Each of the 4 AV inputs can be switched to any of the 4 AV outputs by using either a button or a IR remote (Learnable remote controls are supported via the NEC-Standard).



### RGB-03CAM

#### RGB Rear View Camera Interface.

This interface allows for the connection of a video source in conjunction with a factory-fitted VW-RGB rear view camera.



### AC-PWR-ST

#### Electronic Voltage Stabilizer.

This module was designed for use in vehicles with significant voltage fluctuations ranging from 4 to 12V. The output voltage is kept at a constant level of at least 12,5V (max. 3A). Particularly suited for vehicles with start-stop automatic. .

## SW-V2X1-RCA

### Universal Rear View Camera Interface.

This interface allows for the connection of a video source in combination with a retrofit rear view camera.

The newly created additional video input is permanently active, but - as with the original - gets switched to the rear view camera once the gear is put in reverse. The interface may be installed directly to the back-up light or in conjunction with SW-CAN. Connection: Fakra cinch plug, -socket, straight



## SW-V2X1-RGB

### Universal RGB - Switch Interface.

This interface allows to combine any two RGB plus Sync sources into one output. Other signals can be controlled just as easily through the use of relays.

## SW-V2X1-FAK

### Rear view camera interface for Mercedes und Porsche Navigation Systems.

This interface allows for the connection of a multimedia interface to the Mercedes COMAND NTG1/NTG2 and Porsche PCM2.1 System in conjunction with a factory-fitted rear view camera.

The newly created additional video input is activated permanently, but gets switched to the rear view camera once the gear is put in reverse. The interface may be installed directly to the back-up light or in conjunction with SW-CAN.



## SW-V2X1-MQS

### Rear view camera interface for the BMW Navigation Professional System.

This interface allows for the connection of a multimedia interface to the BMW Navigation System Professional in conjunction with a factory-fitted rear view camera. The newly created additional video input is activated permanently, but gets switched to the rear view camera once the gear is put in reverse. The interface may be installed directly to the back-up light or in conjunction with SW-CAN.

Connection: MQS contacts with sophisticated plug & play technology.



## RSE-RGB03

### Rear Entertainment Multimedia Interface incl. Cable Kit.

This interface allows for the connection of an additional monitor (Video incl. stereo Audio Output) to a **VW RNS510** System (**starting with Version B**) without factory-fitted TV Tuner or installed multimedia interface.



## RSE-RGB03L

### Rear Entertainment Multimedia Interface incl. Cable Kit.

This interface allows for the connection of an additional monitor (Video incl. stereo Audio Output) to a **VW RNS510** System (**starting with Version B**) with factory-fitted TV Tuner or installed multimedia interface.



## RSE-RGB10

### Rear Seat Entertainment Multimedia Interface incl. Cable Kit.

This interface allows for the connection of an additional monitor (Video incl. stereo Audio Output) to a **Mercedes COMAND NTG1** System. (**E-Class W211 / CLS W219**).



## RSE-RGB11

### Rear Seat Entertainment Multimedia Interface incl. Cable Kit.

This interface allows for the connection of an additional monitor (Video incl. stereo Audio Output) to a **Mercedes COMAND NTG1** System (**E-Class W211 / CLS W219**). The A/V signal can be controlled completely independent from the COMAND System using the Mercedes Infrarot Remote Unit (sold separately), thus permitting the driver to be navigated in the usual manner, while passengers in the rear are able to watch DVDs or TV.



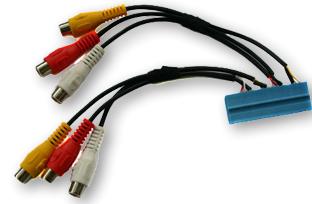
## ZLA-MFD

### Video-IN Adapter for VW / Audi TV-Tuner.

This adapter cable allows for the connection of an external audio/video source (e.g.

DVD, DVB-T, Playstation...) to a factory-fitted VW/AUDI TV-Tuner.

Condition: The factory-fitted TV-Tuner has to carry part number 4D0 919 146 B or  
4D0 919 146 C. The adapter provides two video sources (AV1-AV2).



## ZLA-MMI

### VIDEO/AUDIO-IN Adapter for AUDI TV-TUNER (MMI Systems).

This adapter allows for the connection of an external audio/video source (e.g. DVD,

DVB-T, Playstation...) to an **AUDI A6, A8, Q7** with **MMI System** and factory-fitted TV-

Tuner. The adapter provides one video source (AV1 or AV2) or one AV Out for head  
rest displays.



## ZLA-MK

### Video-IN/OUT Adapter for BMW TV-Tuner (MK1-4 Systems).

This adapter allows for the connection of an external audio/video source (e.g.

DVD, DVB-T, Playstation...) to a factory-fitted TV-Tuner by BMW.

(Audio In only available in mono)



## ZLA-MK-PNP

### Video-IN/OUT Adapter for BMW TV-Tuner (MK1-4 Systems).

This adapter allows for the connection of an external audio/video source (e.g. DVD,

DVB-T, Playstation...) to a factory-fitted TV-Tuner by BMW. One A/V output for rear seat  
entertainment and a rear view camera connection are also provided.

(Audio In/Out only available in mono)



## CAB-BMW200

**Adapter cable for C2-MK-AUX / C2-MK-CD Interface or DVB-MK-AUX / DVB-MK-CD Tuner.**

This adapter cable allows for the disassembly of a factory-fitted BMW TV tuner, thus permitting the installation of either a c.LOGiC interface (C2-MK-AUX/C2-MK-CD) or a DVB-LOGiC tuner (DVB-MK-AUX/DVB-MK-CD).



## CAB-TVAS10

**Y- Video Adapter for vehicles with factory-fitted TV Tuner and Fakra connector.**

This adapter cable allows for the connection of an additional monitor to a factory-fitted TV-Tuner by Audi or Mercedes.

The pickup can either occur directly at the TV Tuner or at the monitor control device or Comand respectively.

Suitable for **Audi MMI Systems (A4, A5, A6, A8, Q7)** and **Mercedes NTG1/NTG2 COMAND**.

(1x Cinch socket, 1x Fakra socket , 1x Fakra connector)



## CAB-TVAS20

**Video Adapter Fakra socket to Cinch socket.**

This adapter cable allows for the connection of a video source (e.g. rear view camera) to a navigation system with video input via Fakra socket.

(1x Cinch socket, 1x Fakra socket)



## CAB-TVAS30

**Videoadapter Fakra connector to Cinch connector.**

This adapter cable allows for the connection of a video source (e.g. rear view camera) to a navigation system with video input via Fakra connector.

(1x Cinch connector, 1x Fakra connector)



TV-FREE

## TV-500

### Video Activation for Rearview Camera based on CAN-BUS.

This interface allows for the activation of the video signal of a retrofitted front- or rear view camera with the following manufacturers:  
Audi, Citroen, Chrysler, Maserati, Mercedes, Porsche, Peugeot, VW, Land Rover, Seat, Škoda, Chrysler, Dodge and others (incl. TV activation for Land Rover and VW).  
For compatible vehicles refer to cable kits listed on pages 59 and 60.



## TV-501

### Video Activation for Rearview Camera based on CAN-BUS.

This interface allows for the activation of the video signal of a retrofitted front- or rear view camera with BMW vehicles.  
Cable Kit: TV-BMW01



## TV-425

### Video Activation for Rearview Camera based on CAN-BUS.

This interface allows for the activation of the video signal of a retrofitted front- or rear view camera with Mercedes vehicles with NTG2.5 system (incl. TV activation).  
Cable Kit: TV-NTG2

TV-FREE

MERCEDES NTG2.5



## TV-MB20

### Cable Kit for TV-500

For MB COMAND 2.0 / APS220

Navigation in:

- CLK W208
- CLK W209 until 3/04
- C-Class W203
- E-Class W210
- M-Class W163
- S-Class W220



## TV-MB25

### Cable Kit for TV-500

For MB COMAND 2.5

Navigation in:

- S-Class W220



## TV-NTG1

### Cable Kit for TV-500

For MB COMAND NTG1

Navigation in:

- E-Class W211
- CLK R171
- CLS W219
- SL R230
- S-Class W220



## TV-NTG2

### Cable Kit for TV-500

For MB COMAND NTG2, NTG2.5, NTG4, Porsche PCM 3.0/3.1

- C-Class W203 / W204
- CLK W209 as of 4/04
- M-Class W164
- E-Class W212
- GL X164



## TV-NTG3

### Cable Kit for TV-500

For MB COMAND NTG3

Navigation in:

- S-Class W221



## TV-VW01

### Cable Kit for TV-500

For navigation systems:

- VW - MFD2 / RNS2
- Škoda - Nexus
- Škoda - Columbus
- Audi - RNS-E
- Maserati Quattroporte



## TV-VW02

### Cable Kit for TV-500

For navigation systems:

- VW - MFD2 / RNS2
- VW - MFD3 / RNS510
- Škoda - Nexus
- Škoda - Columbus
- Audi - RNS-E
- Maserati Quattroporte

(Fully assigned cable kit)



## TV-POR01

### Cable Kit for TV-500

For Porsche PCM 2.1 Navigation:

- Cayenne



## TV-PSA

### Cable Kit for TV-500

For Peugeot/Citroën RT3(CAN BUS) / RT4 / NG4 WipCom Screen

Navigation in:

- 307
- 407
- 807
- C5



## TV-LR

### Cable Kit for TV-500

For Range Rover Navigation (1. & 2. Generation) in:

- Sport
- Vogue
- Discovery 3/4



## TV-LR02

### Cable Kit for TV-500

For Range Rover

Navigation (3. Generation) in:

- Sport
- Vogue
- Discovery 4



## TV-VOL01

### Cable Kit for TV-500

For Volvo RTI (2011) Navigation in:

- S-Series
- V-Series
- XC90



(Caution: Only for vehicles without both distance alert and lane departure warning system)

## TV-BMW01

### Cable Kit for TV-501

For BMW Professional Navigation (CCC) / (CIC) in:

- Series 1 (E87)
- Series 3 (E90)
- Series 5 (E60)
- Series 6 (E63)
- X5 (E70)
- X6 (E71)



## TV-BMW65

### Cable Kit for TV-501

For BMW Professional Navigation in:

- BMW - Series 7 E65



## TV-MYGIG

### Cable Kit for TV-500

For Chrysler, Ferrari and Dodge

Display Navigation:

- MYGIG



## TV-UNI

### Cable Kit for TV-500 / TV-501

Universal cable kit with unattached wires.



## TF-MMI2G

### Video Activation for Rearview Camera based on CAN-BUS.

This interface allows for the activation of the video signal of a retrofitted front- or rear view camera with the following vehicles: **AUDI A4, A5, A6, A8, Q7** with **MMI 2G** System and factory-fitted TV-Tuner or multimedia interface. A distinctive feature of this interface lies in the fact, that it is not permanently installed in the vehicle, but rather briefly connected to its OBD socket (On Board Diagnosis). After about 15 sec. the activation is either turned on or off (depending on its previous state).



## TF-MMI

### Video Activation for Rearview Camera based on MOST®.

#### incl. Cable Kit.

This interface allows for the activation of the video signal of a retrofitted front- or rear view camera with the following vehicles: **AUDI A4, A5, A6, A8, Q7** with **MMI 2G / MMI 3G** System and factory-fitted TV-Tuner or multimedia interface.



## TF-MMI3G

### Video Activation for Rearview Camera based on CAN-BUS.

This interface allows for the activation of the video signal of a retrofitted front- or rear view camera with the following vehicles: **AUDI A4, A5, A6, A8, Q7** with **MMI 3G** System and factory-fitted TV-Tuner or multimedia interface. A distinctive feature of this interface lies in the fact, that it is not permanently installed in the vehicle, but rather briefly connected to its OBD socket (On Board Diagnosis). After about 15 sec. the activation is either turned on or off (depending on its previous state).



## TF-CIC2

### Video Activation for Rearview Camera based on MOST®.

#### incl. Cable Kit.

This interface allows for the activation of the video signal of a retrofitted front- or rear view camera with the following vehicles: **BMW Series 5 (F10), Series 5 GT (F07), Series 7 (F01,F02)** mit **Professional Navigation (CIC)** System and factory-fitted TV-Tuner.



## TF-BMW02

### Video Activation for Rearview Camera for BMW MK1-4 Systems with factory-fitted TV-Tuner.

This interface allows for the activation of the video signal of a retrofitted front- or rear view camera with the following vehicles:

Series 3 (E46), Series 5 (E39), Series 7 (E38), X3 (E83), X5 (E53), Z4 (E85), Mini (R50, R52, R53)



## BLUETOOTH® / PHONE

### BT-BMW01

#### Bluetooth hands-free equipment for BMW Systeme.

This interface allows for a phone Bluetooth connection to a **BMW**

**Radio or Navigation System** with fiber-optic technology.

It provides easy access to the phone book of a compatible mobile phone via the navigation system buttons and display. (Incl. Cable Kit)

For BMW Systems:

- Radio Professional
- Champ MP3 Radio
- Business Navigation M-ASK
- Professional Navigation (CCC Version)
- Professional Navigation (CIC Version)



### BT-MB01

#### Bluetooth hands-free equipment for Mercedes Systems.

This interface allows for a phone Bluetooth connection to the **Mercedes Radio** or **Navigation System** with fiber-optic technology (MOST®).

It provides easy access to the phone book of a compatible mobile phone via the navigation system buttons and display.

(Incl. Cable Kit)

For Mercedes Systems:

- Audio 5
- Audio 20
- Audio 50 APS
- COMAND APS NTG1
- COMAND APS NTG2



### BT-POR01

#### Bluetooth hands-free equipment for Porsche PCM2.1 System.

This interface allows for a phone Bluetooth connection to the **Porsche** **PCM2 / PCM2.1** Navigation System.

It provides easy access to the phone book of a compatible mobile phone via the navigation system buttons and display. (Incl. Cable Kit)

For Porsche Systems:

- PCM 2 Navigation
- PCM 2.1 Navigation



## DIAGNOSTICS - TOOLS

### OBD-N25-TV

#### TV Icon Activation based on CAN-BUS.

This interface allows for the activation of the TV-Icon with Mercedes vehicles with **COMAND NTG2.5** System, which in turn allows for the installation of a multimedia interface based on MOST®.

Order Info:

**OBD-N25-TV-01** (1 Activation) , **OBD-N25-TV-10** (10 Activations)



### OBD-N25-RSE

#### Rear Seat Entertainment Activation based on CAN-BUS.

This interface allows for the activation of the A/V output with Mercedes vehicles with **COMAND NTG2.5** System, which in turn allows for the connection of an external monitor via the included A/V cable.

(Incl. Audio/Video Adapter)

Order Info:

**OBD-N25-RSE-01** (1 Activation) , **OBD-N25-RSE-10** (10 Activations)



### OBD-N25-R

#### Video Activation for Rearview Camera based on CAN-BUS.

This interface allows for the activation of the rear view camera function with Mercedes vehicles with the **COMAND NTG2.5** System, which in turn allows for the connection of a factory- fitted or aftermarket rear view camera.

Order Info:

**OBD-N25-R-01** (1 Activation) , **OBD-N25-R-10** (10 Activations)



### OBD-N25-NAV

#### Activation for external navigation based on CAN-BUS.

This interface allows for the connection of an external navigation system to Mercedes vehicles with the **COMAND NTG2.5** System. It deactivates the internal navigation system and provides connectivity for an aftermarket navigation system via the supplied video cable. (Incl. Video Adapter)

Order Info:

**OBD-N25-NAV-01** (1 Activation) , **OBD-N25-NAV-10** (10 Activations)



## OBD-N4-R

### Video Activation for Rearview Camera based on CAN-BUS.

This interface allows for the activation of the rear view camera function with Mercedes vehicles with **COMAND NTG4** System, which in turn allows for the connection of a factory- fitted or aftermarket rear view camera.

Order Info:

**OBD-N4-R-01** (1 Activation) , **OBD-N4-R-10** (10 Activations)



## OBD-N4-AV

### A/V IN Activation based on CAN-BUS.

This interface allows for the connection of an external video source (e.g. DVD Player, DVB-T Tuner) to the Navigation System **NTG4** by **Mercedes**.  
(Incl. Video/Audio Adapter)

Order Info:

**OBD-N4-AV-01** (1 Activation) , **OBD-N4-AV-10** (10 Activations)



## OBD-N4-NAV

### Activation for external navigation based on CAN-BUS.

This interface allows for the connection of an external navigation system to Mercedes vehicles with the **COMAND NTG4** System. It deactivates the internal navigation system and provides connectivity for an aftermarket navigation system via the supplied video cable. (Incl. Video Adapter)

Order Info:

**OBD-N4-NAV-01** (1 Activation) , **OBD-N4-NAV-10** (10 Activations)



## iPod® INTERFACE

### IP-MMI2G

#### Audi iPod® Interface incl. Cable Kit.

This interface allows for the connection of an iPod® to an **Audi MMI High 2G System**.

The iPod® is controlled using the multi-function steering wheel while the iPod® Menu / ID3 Tags are displayed at the "Audi Music Interface" menu level.

For navigation systems:

- AUDI - Navigation System MMI 2G



## CAN BUS - VEHICLE CHART

Fahrzeug	CXS-300	CX-301 / CX-303	Cable Kit for CX-301 / CX-303	ARC-001	Cable Kit for ARC-001
Alfa Romeo : 159, Brera	I,L,R,S,MS	✓	✓	CX-034	-
Alfa Romeo: 147, 156 (MS only) , GT	I,L,R,S,MS	✓	✓	CX-034	✓ ARC-016
Audi: A2 und A3 as of 7/01-12/06, A4 as of 1/00 - 10/06, A6 as of 7/01 - 1/05, TT as of 7/01 - 7/06	I,L,R,S,MS	✓	✓	CX-023	-
Audi: A1, A3 as of 1/07, A4 as of 11/06 - 11/07, TT as of 8/06, Q5, A5	I,L,R,S,MS	✓	✓	CX-025	-
Audi: A4 (8K), A6 (4F), A6 (4G), A7 (4G) , A8 (4E), Q7 (4L)	I,L,R,S,MS	✓	✓	CX-010	-
BMW: Series 3 (E46), Series 5 (E39), X3 (E83), X5 (E53) with round-plug connector (as of 8/98)	MS	-	-	-	✓ ARC-011
BMW: Series 3 (E46), Series 5 (E39), X3 (E83), X5 (E53) with Quadlock connector (as of 8/00)	MS	-	-	-	✓ ARC-012
BMW: Series 1 (81), Series 3 (E90, E91, E92)	I,L,R,S,MS,PDC	✓	✓	CX-028	-
BMW: Series 5 (E60,E61), Series 5 (F07,F10), Series 6 (63), Series 7 (E65), Series 7 (F01,F02), X5 (E70), X6 (E71)	I,L,R,S	✓	✓	CX-010	-
Citroën: C3, C4, C5 as of 10/04 , Jumper as of 9/06 (S only)	I,L,R,S,MS,PDC	✓	✓	CX-030	-
Chevrolet: HHR	I,L,R,S	✓	✓	CX-010	-
Chrysler: C300	I,L,R,S,MS,SS	✓	✓	CX-010	-
Fiat: Stilo , Grande Punte	I,L,R,S,MS	✓	✓	CX-034	-
Fiat: Sudo	I,L,R,S,MS	✓	✓	CX-030	-
Ford: Focus, Mondeo, Galaxy with 17 pin connector	MS	-	-	-	✓ ARC-013
Ford: Focus, C-Max, Mondeo, S-Max, Galaxy with Quadlock connector	I,L,R,S,MS	✓	✓	CX-035	✓ ARC-014
Jeep: Grand Cherokee, Overland	I,L,R,S,MS,SS	✓	✓	CX-010	-
Lancia: Ypsilon ab 11/03	I,L,R,S	✓	✓	CX-034	-
Land Rover: Sport, Vogue, Freelander, Discovery 3 - ab 2005	I,L,R,S	✓	✓	CX-010	-
Lexus: GS	S	-	✓	CX-010	-
Maserati Quattroporte	I,L,R,S,MS	✓	✓	CX-025	-
Mazda: 3	S	-	✓	CX-010	-
Mercedes: A-Class (W169), B-Class (W245) Viano (W639) and Sprinter (W906) with Audio5. All with radio preparation	I,L,R,S,MS	✓	✓	CX-026	-
Mercedes: C-Class (W203) until 3/04, E-Class (W210),CLK (W208) , CLK (W209) until 3/04, SL (R230) until 7/04, Viano W639, Sprinter W906	I,L,R,S,MS	✓	✓	CX-027	-
Mercedes: A-Class (W169) / B-Class (W245) with Audio 20, R-Class (W251), C-Class (W203) as of 4/04, CLK (W209) as of 4/04, SLK (R-171) as of 06/08, E-Class (W211) as of 06/08, E-Class (W212), M-Class (W164), C-Class (W204), E-Class (W212), E-Coupe (W207), CLS (W219), Viano (W639), Sprinter (W906)	I,L,R,S,MS	-	✓	CX-028	-
Mercedes: E-Class (W211) until 3/03	I,L,R,S,MS	✓	✓	CX-010	-
Mercedes: E-W211 as of 4/03 until 06/08, CLS-W219 until 06/08, SLK-R171 until 06/08	I,L,R,S,MS	✓	✓	CX-029	-
Opel: Astra, Calibra, Corsa, Vectra, Omega, Sintra, Zafira - without interior CAN-BUS	I,L,R,S,MS	-	-	-	✓ ARC-015
Opel: Vectra C until 07/04	I,L,R,S,MS	✓	✓	CX-010	✓ ARC-015
Opel: Astra H, Corsa C / D, Vectra C as of 8/04, Meriva , Tигра Twin Top, Vivaro, Antara	I,L,R,S,MS	✓	✓	CX-021	-
Peugeot: 207 , 307 , 407 , 4007 (w/o LB) - with Quadlock connector	I,L,R,S,MS,PDC	✓	✓	CX-030	-
Porsche: Cayenne, Boxster with ISO connectors	I,L,R,S,MS	✓	✓	CX-024	-
Porsche: Cayenne until 05/10, Boxster, Cayman,911 with Quadl.	I,L,R,S,MS	✓	✓	CX-028	-
Porsche: Cayenne (as of 06/10), Panamera	I,L,R,S	✓	✓	CX-010	-
Saab: 9-3 , 9-5 as of 7/98	I,L,R,S,MS	✓	✓	CX-031	-
Saab: 9-3 with Quadlock connector	I,L,R,S,MS	✓	✓	CX-032	-
Smart: For Two	I,L,R,S	✓	✓	CX-010	-
Smart: For Four	I,L,R,S,MS	✓	✓	CX-026 / CX-028	-
Seat: Altea , Leon, Ibiza	I,L,R,S,MS	✓	✓	CX-025	-
Škoda: Octavia I, Superb with interior CAN-BUS	I,L,R,S,MS	✓	✓	CX-022	-
Škoda: Octavia II, Superb(3T), Fabia(5J),	I,L,R,S,MS,SS	✓	✓	CX-025	-
VW: Caddy, Golf 4/5/6/Plus, Passat 3B/3C, Polo 9N3, Polo 6R, Pheaton D1, Tiguan 5N, T5 , Touran , Touareg 7L	I,L,R,S,MS	✓	✓	CX-025	-
Volvo: S60 , V70	I,L,R,S,MS	✓	✓	CX-033	-
Volvo: XC90	I,L,R,S,MS,PDC	✓	✓	CX-010	-
Renault: Megane III	I,L,R,S,MS	✓	✓	CX-036	-

Key: I = Ignition ; L = Lighting ; R = Reverse Gear ; S = Speed Signal ; MS = Multi Function Steering Wheel ; PDC = Parking Sensors ; SS = Sound System

## CAN BUS / STEERING WHEEL CONTROLS

### CX-301

#### CAN BUS Interface.

The interface converts encrypted CAN-BUS messages for **Ignition (cl. 15)**, **lighting (cl.58D)**, **speedometer signal**, **reverse gear** and **steering wheel remote** into analog signals. Thus, commercially available radios, navigation systems, taximeters and many other devices by various manufacturers can be connected to CAN BUS networked vehicles.

Steering wheel remotes will continue to work with devices from: **Alpine**, **Blaupunkt**, **Clarion**, **JVC**, **Kenwood**, **Pioneer**, **Zenec** and **Digitaldynamic**



### CX-303

#### CAN BUS Interface.

The interface converts encrypted CAN-BUS messages for **Ignition (cl. 15)**, **lighting (cl.58D)**, **speedometer signal**, **reverse gear** and **steering wheel remote** into analog signals. Thus, commercially available radios, navigation systems, taximeters and many other devices by various manufacturers can be connected to CAN BUS networked vehicles.



### CXS-300

#### CAN-BUS Interface incl. universal cable kit.

The interface converts encrypted CAN-BUS messages for **Ignition (cl. 15)** and **speedometer signal** into analog signals. Universal cable kit included.

Power rating:

Ignition: 500mA (Ignition off ground signal)



### CX-021

#### Cable Kit for CX-301/CX-303

For Opel vehicles:

- Astra H
- Corsa C, D
- Vectra C as of 8/04
- Meriva
- Tigra Twin Top



### CX-022

#### Cable Kit for CX-301/CX-303

For Škoda vehicles:

- Octavia I
- Superb



## CX-023

### Cable Kit for CX-301/CX-303

For Audi vehicles:

- A2 as of 7/01
- A3 as of 7/01
- A4 as of 1/00 until 11/07
- A6 as of 7/01 until 1/05
- TT as of 7/01 until 7/06

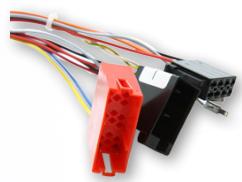


## CX-024

### Cable Kit for CX-301/CX-303

For Porsche Vehicles:

- Cayenne
- Boxster



## CX-025

### Cable Kit for CX-301/CX-303

For VW/Seat/Škoda/Audi vehicles:

- Golf 4/5/6/Plus
- Passat 3B/3C
- Polo 9N
- T5
- Touareg
- Touran
- Caddy
- Altea
- Octavia II



## CX-026

### Cable Kit for CX-301/CX-303

For Mercedes/Smart vehicles:

- All Mercedes with radio preparation
- A-Class with Audio 5
- B-Class with Audio 5
- All Smart with radio preparation



## CX-027

### Cable Kit for CX-301/CX-303

For Mercedes Vehicles:

- C-Class W203 bis 3/04
- E-Class W210 ab 9/99
- CLK W208 ab 9/99
- CLK W209 bis 3/04
- SL R230 bis 7/04
- Viano W639



## CX-028

### Cable Kit for CX-301/CX-303

For Mercedes/BMW/Porsche vehicles:

- C-Class W203 as of 4/04
- CLK W209 as of 4/04
- A/B-Class with Audio 20
- M-Class W164
- Series 1 E81, Series 3 E90
- R-Class W251
- Cayenne, Boxter, 911 (Quadlock)



## CX-029

### Cable Kit for CX-301/CX-303

For Mercedes vehicles:

- E-Class W211 as of 4/03
- CLS W219
- SLK R171



## CX-030

### Cable Kit for CX-301/CX-303

For Peugeot/ Citroën vehicles:

- 207
- 307
- 407
- C4
- C5 as of 10/04



## CX-031

### Cable Kit for CX-301/CX-303

For Saab Vehicles:

- 9-3
- 9-5 as of 7/98



## CX-032

### Cable Kit for CX-301/CX-303

For Saab Vehicles:

- 9-3 (Quadlock connector)



## CX-033

### Cable Kit for CX-301/CX-303

For Volvo Vehicles:

- S60
- V70



## CX-034

### Cable Kit for CX-301/CX-303

For Alfa Romeo/Fiat/Lancia Vehicles:

- 147
- 159
- Brera
- Stilo
- Ypsilon as of 11/03



## CX-035

### Cable Kit for CX-301/CX-303

For Ford Vehicles with Quadlock connector:

- Focus
- C-Max
- Mondeo
- Galaxy
- S-Max



## CX-036

### Cable Kit for CX-301/CX-303

For Renault Vehicles with Quadlock connector:

- Megane III



## CX-010

### Cable Kit for CX-301/CX-303

Universal Cable Kit with unattached wires.



## CX-PI200

### Piezo speaker for CX-028/CX-030/CX-010

For vehicles with factory-fitted PDC (parking aid) functionality



## ARC-001

### Steering wheel interface

Interface for use in vehicles without interior CAN-BUS with **Alpine, Blaupunkt, Clarion, JVC, Kenwood, Pioneer, Zenec und Digitaldynamic**.

Additional vehicle-specific cable kits are required:

**BMW - ARC-011, ARC-012 ; Ford - ARC-013, ARC-014 ; Opel - ARC-015**



## ARC-011

### Cable Kit for ARC-001

For **BMW** vehicles with **round-plug** connection:

- Series 3 (E46)
- Series 5 (E39) as of 8/98
- X3 (E83)
- X5 (E53)
- Mini



## ARC-012

### Cable Kit for ARC-001

For **BMW** vehicles with **Quadlock** connection:

- Series 3 (E46)
- Series 5 (E39)
- X3 (E83)
- X5 (E53)
- Mini



## ARC-013

### Cable Kit for ARC-001

For **Ford** vehicles with **17 pin** connection.

- Focus
- Mondeo
- Galaxy



## ARC-014

### Cable Kit for ARC-001

For **Ford** vehicles with **Quadlock** connection.

- Focus
- C-Max
- Mondeo
- Galaxy
- S-Max



## ARC-015

### Cable Kit for ARC-001

For **Opel** vehicles w/o interior CAN-BUS.

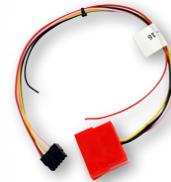


## ARC-016

### Cable Kit for ARC-001

For **Alfa Romeo** vehicles.

- 147
- 156



## ARC-017

### Cable Kit for ARC-001

For **Ssangyong** vehicles  
with **18 pin** connection



## ARC-018

### Cable Kit for ARC-001

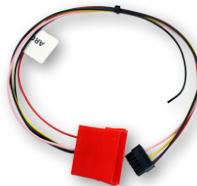
For **Hyundai** vehicles  
with **24 pin** connection.



## ARC-019

### Cable Kit for ARC-001

For **Hyundai** vehicles  
with **Mini ISO** connection.



## ARC-103

Control Cable Kit for  
ARC-001 / CX-301

For Blaupunkt devices



## ARC-104

Control Cable Kit for  
ARC-001 / CX-301

For Alpine , Clarion and  
JVC devices



## ARC-105

Control Cable Kit for  
ARC-001 / CX-301

For Kenwood devices - with  
unattached wire for external  
controls.



## ARC-106

Control Cable Kit for  
ARC-001 / CX-301

For Kenwood devices - with  
DIN connection for external  
controls.



## ARC-107

Control Cable Kit for  
ARC-001 / CX-301

For Pioneer devices.



## ARC-108

Control Cable Kit for  
ARC-001 / CX-301

For Zenec and Digitaldynamic  
devices



## CAN BUS - CONVERTERS

### CXS-MFD3

#### CAN-BUS Converter for RNS510/MFD3 Navigation with Video Activation incl. Cable Kit.

This interface allows for the connection of an RNS510/MFD3 Navigation to a **VW T5** or **Touareg** with **CAN-BUS Protokoll 1.6**. The display of the instrument cluster as well as steering wheel controls are also adapted. Additionally, the interface incorporates a video activation function, enabling the connection of a front- or rear view camera (camera feed is displayed while driving).



### CXS-MFD3-S

#### CAN-BUS Converter for RNS510/MFD3 Navigation with Video Activation incl. Cable Kit.

This interface allows for the connection of an RNS510/MFD3 Navigation to a **VW T5** or **Touareg** with **CAN-BUS Protokoll 1.6** and **Sound System**. The display of the instrument cluster as well as steering wheel controls are also adapted. Additionally, the interface incorporates a video activation function, enabling the connection of a front- or rear view camera (camera feed is displayed while driving).



## CAN BUS - SIMULATOR

### CSC-201

#### CAN BUS Simulator.

This interface processes the analog signals necessary for factory fitted radio- or navigation devices by VW, Audi or Mercedes to function and converts them into CAN-BUS messages. Supports signals such as: Ignition, Lighting, Speed and Reverse Gear.

This allows the use of CAN BUS controlled devices in older vehicles.

The following radios/navigation systems are supported:

**AUDI:** Concert 2, Chorus 2, Symphonie 2, RNS-E.

**VW:** RCD200, RCD300, RNS2/MFD2/Nexus, RNS510/MFD3 .

**Mercedes:** COMAND 2.0



### CSC-AU01

#### Cable Kit for CSC-201

For Audi :

- Concert 2
- Chorus 2
- Symphony 2
- Galaxy



### CSC-AU02

#### Cable Kit for CSC-201

For Audi :

- RNS-E



### CSC-VW01

#### Cable Kit for CSC-201

For VW / SKODA :

- RCD200
- RCD300
- RNS 2 / MFD2
- RNS510 / MFD3



### CSC-MB01

#### Cable Kit for CSC-201

For Mercedes :

- COMAND 2.0



## AUX IN

### AUX-110

#### AUX IN Interface based on Fiber-Optic Technology incl. Cable Kit.

This interface allows for the connection of an external stereo audio source to an **Audi**, **BMW**, **Mercedes** or **Porsche** System. In conjunction with Audi systems, CD7 (second CD changer) is used for audio input, which can easily be installed in addition to the first CD changer. In conjunction with BMW, Mercedes and Porsche systems, CD1 (CD changer) is used for audio input. An existing factory fitted CD changer cannot be operated anymore.

For use with the following systems:

- Audi - MMI 2G
- BMW - Professional Radio, Business and Professional Navigation (CCC, CIC)
- Mercedes - Audio5, Audio20, APS50, COMAND NTG1/NTG2
- Porsche - PCM2.1



### AUX-005

#### AUX IN Interface for MFD2 / RNS2 / Nexus without TV-Tuner.

This interface allows for the connection of an external stereo audio source such as MP3-Player, Discman, CD-Player to a factory fitted **VW** or **Škoda** navigation system. The AUX input is used to feed the stereo audio signal into the system. Input = 2 x cinch socket.

The following navigation systems are supported:

- VW - MFD2/RNS2
- Škoda - Nexus



### AUX-011

#### AUX IN Interface for BMW Radios with round-plug terminals.

This interface allows for the connection of an external stereo audio source to **BMW** radios (with I-Bus Steuerung) as of 8/98 w/o factory-fitted CD changer.

Supports the following systems:

- All **BMW** Radios / Navigation Systems with I-Bus CD changer controls and round-plug terminals.



### AUX-012

#### AUX IN Interface for BMW Radios mit Quadlockstecker.

This interface allows for the connection of an external stereo audio source to **BMW** systems (I-Bus Controls) as of 8/00 w/o factory-fitted CD changer.

Supports the following systems:

- All **BMW** Radios / Navigation Systems with I-Bus CD changer controls and Quadlock plug connection.



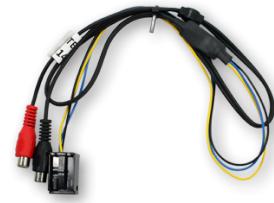
## AUX-013

### AUX IN Interface for BMW radios with round-plug terminals.

This interface allows for the connection of an external stereo audio source to BMW radios as of 9/02 with AUX In.

Supports the following systems:

- BMW Series 3 (E46), Series 5 (E39), X3 (E83), X5 (E53) - Business Radio (starting with SW 8.1) with round-plug terminals and AUX-IN.



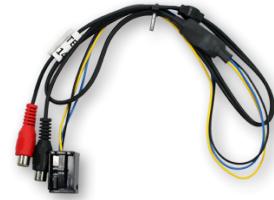
## AUX-014

### AUX IN Interface for BMW Radios with Quadlock connector.

This interface allows for the connection of an external stereo audio source to BMW radios as of 9/02 with AUX -IN.

Supports the following systems:

- BMW Series 3 (E46), Series 5 (E39), X3 (E83), X5 (E53) - Business Radio (starting with SW 8.1) Quadlock plug connection and AUX-IN.



## AUX-015

### AUX IN Interface for BMW with 16:9 Navigation System Professional.

This interface allows for the connection of a stereo audio source to a BMW 16:9 Navigation System Professional (MK3/MK4) as of 9/02 with AUX In.

Supports the following systems:

- BMW Series 3 (E46), Series 5 (E39), X5 (E53) – 16:9 Navigation System Professional with AUX IN connection (starting with SW 8.1)



## OBD-CCC-X-10

### AUX IN Activation for BMW Navigation Professional (CCC).

This interface allows for the activation of the AUX IN icon of BMW Series 3 (E90, E91), Series 5 (E60, E61) and Series 6 (E63) vehicles with Professional Navigation (CCC) in order to connect an external stereo audio source.

Compatible vehicles:

- Series 3 (E90, E91), Series 5 (E60, E61); Series 6 (E63) - Professional Navigation (CCC)

(Order Info: For 10 Activations)



## OBD-ASK-X-10

### AUX IN Activation for BMW based on CAN-BUS.

This interface allows for the activation of the AUX IN icon with **BMW** Series 3 (E90, E91), Series 5 (E60, E61) and Series 6 (E63) vehicles with **Business Navigation** in order to connect an external stereo audio source.

Compatible vehicles:

- **Series 3 (E90, E91), Series 5 (E60, E61); Series 6 (E63) - 07/07~ - Business Navigation**

(Order Info: For 10 Activations)



## PDA-01

### PDA Sound Interface.

This interface allows for feeding the voiced directions or a phone conversation portable navigation system or PDA into the front speakers of any car stereo with ISO connection. The interface automatically detects the feed and redirects it to the speakers in a matter of milliseconds. The installation takes place between the radio power amplifier and the speakers. (With ISO speaker connection passage)



## AC-AUXV

### Audio Signal Amplifier

This interface allows for the adjustment of the audio signal on a pre-amp basis. The signal is amplified by a factor of 4.



## CAB-AUXCK

### Audio Cable

High quality 1,5m Stereo Cinch cable to 3,5mm mini-jack connector.  
Suitable for all AUX-IN interfaces to connect e.g. portable MP3 players.

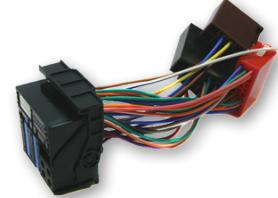


## VARIOUS CABLE ADAPTERS

### CAB-RNS02

#### Adapter Cable for the retrofitting of the Audi RNS-E Navigation.

Retrofit adapter for the Audi RNS-E Navigation System.  
ISO to Quadlock connector adaption.



### CAB-RNS03

#### Antenna Adapter for RNS-E Navigation Systems for vehicles with antenna diversity.

2x FAKRA connectors to 50 Ohm Antenna socket and FAKRA socket for antenna diversity connection.



### CAB-RNS04

#### Antenna Adapter for RNS-E Navigation System for vehicles without antenna diversity.

FAKRA connector to 50 Ohm antenna socket.



### CAB-RNS05

#### Antenna Adapter for RNS510 Navigation Systems for vehicles with antenna diversity.

2x FAKRA connector to 2x FAKRA socket for antenna diversity connection.



## **CAB-RNS06**

**Antenna Adapter FAKRA to 50 Ohm socket.**

1x FAKRA socket auf 1x 50 Ohm antenna socket.



## **AB-RNS07**

**Antenna Adapter FAKRA.**

2x FAKRA connector to 1x FAKRA socket.



**Notes:**

**Notes:**

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The screenshot shows the Caraaudio-Systems website with a dark header. The header features the company name 'Caraudio-Systems' in red and white, with 'multimedia integration' in smaller text below it. To the right is a circular logo with 'ISOFER' and 'CARAUDIO SYSTEMS' text. Below the header is a navigation bar with links for Home, Produkte, Download, Über Uns, Kontakt, and Impressum. The main content area is titled 'News' and shows a product page for 'v.LOGIC Mediacontroller'. The page includes a list of features, a video player showing a car's infotainment screen, and a photograph of the device installed in a car's dashboard. At the bottom of the page are four small 'v.LOGIC intelligent solution' logos and a copyright notice for 'Caraudio-Systems Vertriebs GmbH ©2011'.

**caraudio-systems.de**

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