



BMW iDrive (CCC) MULTIMEDIA INTERFACE

NOTICE

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We recommend that installation is performed by qualified personnel. Our company does not accept any responsibility for any damage as a result of installing this product.

Please read instructions carefully before installation and if you have any queries please contact us at support@xcarlink.co.uk

The kit should include the following parts:

- BMW iDrive (CCC) Multimedia Video Interface
- RGB Input cable
- AV Input cables x 2
- Rear View Camera Input & AV Output cable
- Main monitor connection cable
- Original BMW Plug and Play power harness
- Toggle switch and cable

Before starting the installation, please ensure that the ignition on your car is switched OFF – the key card should be pulled out fully.

INSTALLATION

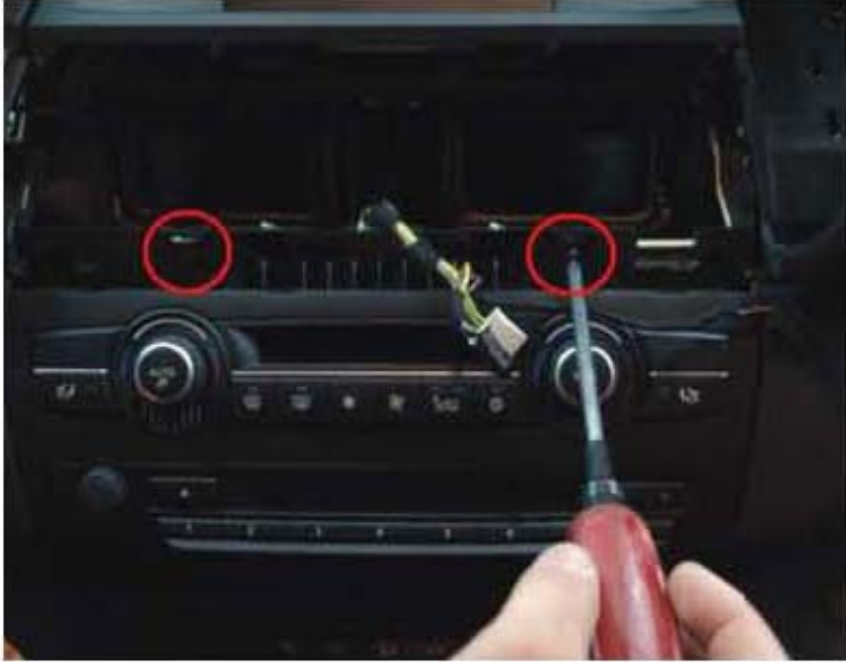
STEP 1: Open Glove Compartment



Step 2: Remove A/C Vent



Step 3: Remove the A/C unit



Step 4: Remove the lower control panel



Step 5: Remove Head Unit



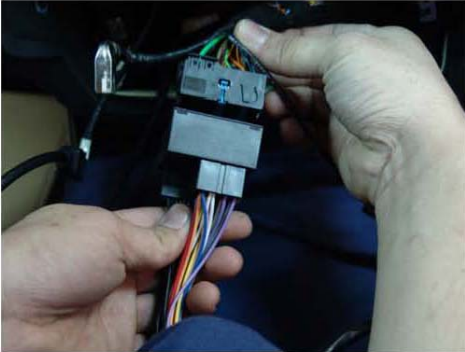
Step 6:

Remove the existing power cable from the back of the head unit and then connect the female end of the harness into the male connection on the head unit in its place.

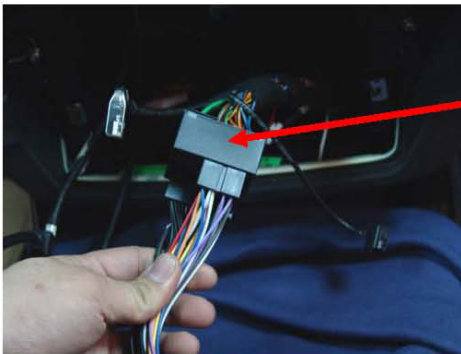
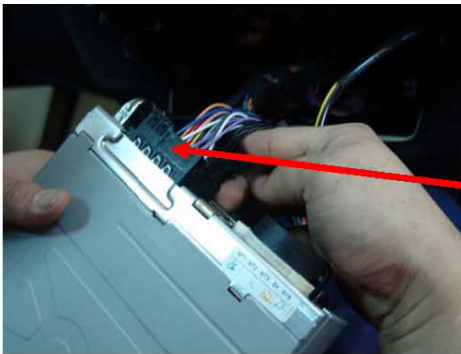


Step 7:

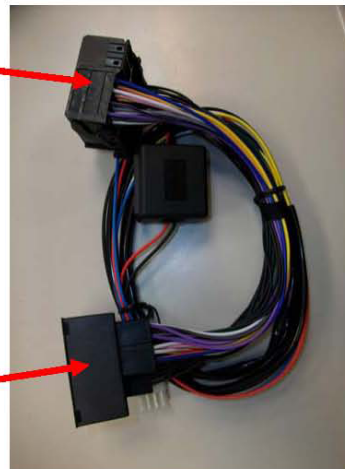
Connect the original female power cable removed from the back of the head unit into the other end (Male connector) of the provided harness.



Connected..



Power cable



Please note:

Ensure that any fibre optic connections are also transferred from the original BMW harness to the plug & play harness.

The **GREEN** wire can be connected to 12v reverse if a rear view camera is being connected.

Step 8:

Remove the two Torx Screws to release the BMW Monitor. The monitor can then be pulled downwards and released from the dashboard.



Step 9

Release the original Monitor connection cable from the back of the Monitor and connect the Monitor connection cable supplied with the interface in its place.



Step 10

Route the original and the additional monitor cable to the desired position where you would like the interface to be located (such as the glove compartment). Then connect the original cable into the port marked 'LVDS IN' and the interface cable into 'LDVS OUT'.

Please take care when connecting the original monitor cable to the interface to avoid damaging the pins.



Step 11:

CONNECT CABLES

Reverse Camera Connection

As the interface is fully plug and play the only optional cable that requires connection is the 'Green' cable which is the 12V reverse camera connection - Connect this cable to reverse gear 12v positive such as reverse lamp or PDC and this will enable automatic rear camera view when the reverse gear is selected.

RCA Cables and Toggle Switch (Optional)

Connect the RCA cables to AV1, AV2 on the interface (Please note the orange and grey cables do not need to be used)

Connect the cable with 3 yellow RCA connectors, and the red and white as follows, from left to right in order:

White/Red – Audio Input (Connect to Auxiliary input or FM modulator)

Yellow_1 - Rear Camera

Yellow_2 – Video Out (For rear headrest monitors etc)

Yellow_3 - Video Out (For rear headrest monitors etc)

Connect the optional Toggle switch cable to the port at the side of the interface, and place toggle switch at desired location – Please note that in most cases the toggle switch would not need to be used as the video sources can be selected via the iDrive system.

Connect the RGBS Cable (if required) to the "RGB in" Port on the interface.

Step 12:

CONNECT DEVICES

Connect Video sources, to the 'AV' input ports (such as DVD player, PS2, Digital TV Tuner etc)

Connect rear view camera to the yellow 'CAM' port, if required (as above)

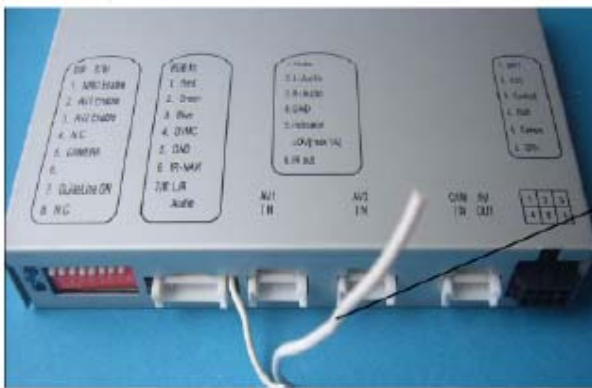
A suitable RGBS compatible device such as a GPS Satnav system (Aftermarket GPS can be used on your car's monitor if you do not have original BMW navigation system) can be connected to the RGB

For audio, connect the Red and White RCA connectors to the auxiliary port in your car or an FM modulator.

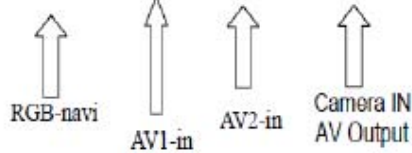
The additional yellow RCA cables can be connected to external rear entertainment screens.

Please note: Audio must be connected via the cars Aux-input or an FM modulator.


The installation is now complete!



Antenna for built in FM modulator (87.9FM). This does not need to be connected anywhere.



OPERATION

<p align="center">BMW CCC iDrive before 2009</p> <p align="center">Press and hold MENU key to switch inputs</p>	<p align="center">BMW CCC iDrive 2009</p> <p align="center">Press and hold NAV key to switch inputs</p> <p align="center">Press OPTION key to switch between 24:9 or 16:9 picture when on an 8.8" screen</p>
	

DIP SWITCH SETTINGS

	DIP POSITION	
	DOWN	UP
DIP1	RGB/NAVI - ON	RGB/NAVI - OFF
DIP2	AV1 - ON	AV1 - OFF
DIP3	AV2 - ON	AV2 - OFF
DIP4	AV3 - ON	AV3 - OFF
DIP5	REAR CAMERA - ON	REAR CAMERA - OFF
DIP6	NAVI ON	NAVI OFF
DIP7	Last Play Memory - ON	Last Play Memory - OFF
DIP8	8.8" SCREEN	6.5" SCREEN