



Adaptiv Fitting & User Guide

Mercedes
with NTG 4.5 and 7/8" Display

Contents

About	3
Connection Diagram	4-5
Quick Start Guide	6-7
System	8-9
Sound Settings	10
Navigation	11
DAB	12-13
Video - HDMI	14
Video - DVBT	15-16
Video - AV In	17
Media - USB/SD	18-22
Media - iPod	23-24
File Transfer	25-26
Info/Update	26
Technical Specifications	27

Adaptiv

Adaptiv is a new brand from Connects2, which allows extensive multimedia and navigation upgrades to the OEM screen.

The plug and play, all in one interface adds Navigation, USB/SD, AV In and an input for an aftermarket reverse camera. Optional modules allow the ability to add DAB Digital Radio (ADV-DAB), HDMI (ADV-HDMI) and DVBT TV (ADV-DVBT). There is also an input which allows an aftermarket reverse camera to be connected. All features are controlled via the OEM rotary commander and supplied touchpad for GPS control.

Application

For Mercedes vehicles with NTG 4.5 and 7"/8" Display.

Kit Includes

Adaptiv Interface, LVDS In/Out Cables, Car specific T-Harness, AV In Cable and Touchpad.

Prior to installation

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. Connects2 cannot be held responsible for the installation of this product.

Technical Support

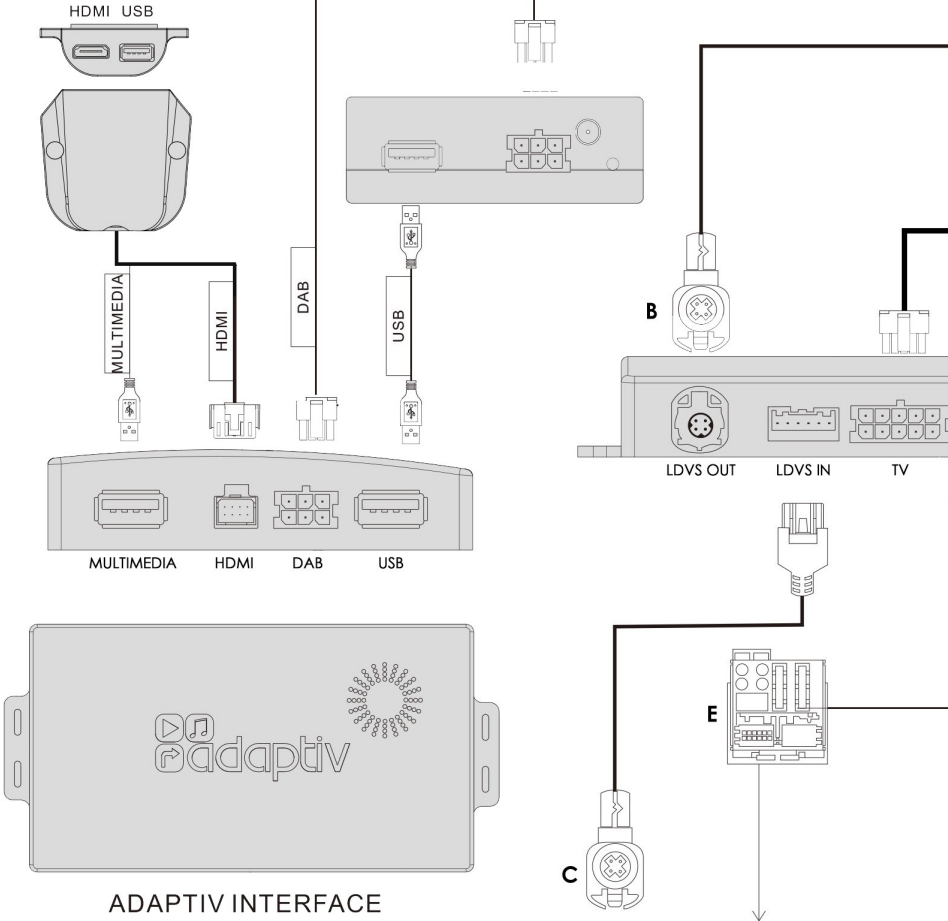
Connects2 want to provide a fast and suitable resolution should you encounter any technical issues. With this in mind, when contacting Connects2, try to provide as much information as possible. This will speed up the process and help us to help you.

Please use our dedicated online technical support centre: support.connects2.com

CONNECTION DIAGRAM - ADAPTIV MERCEDES NTG 4.5

HDMI INTERFACE (NOT INCLUDED)
PART NUMBER: ADV-HDMI

DAB INTERFACE (NOT INCLUDED)
PART NUMBER: ADV-DAB

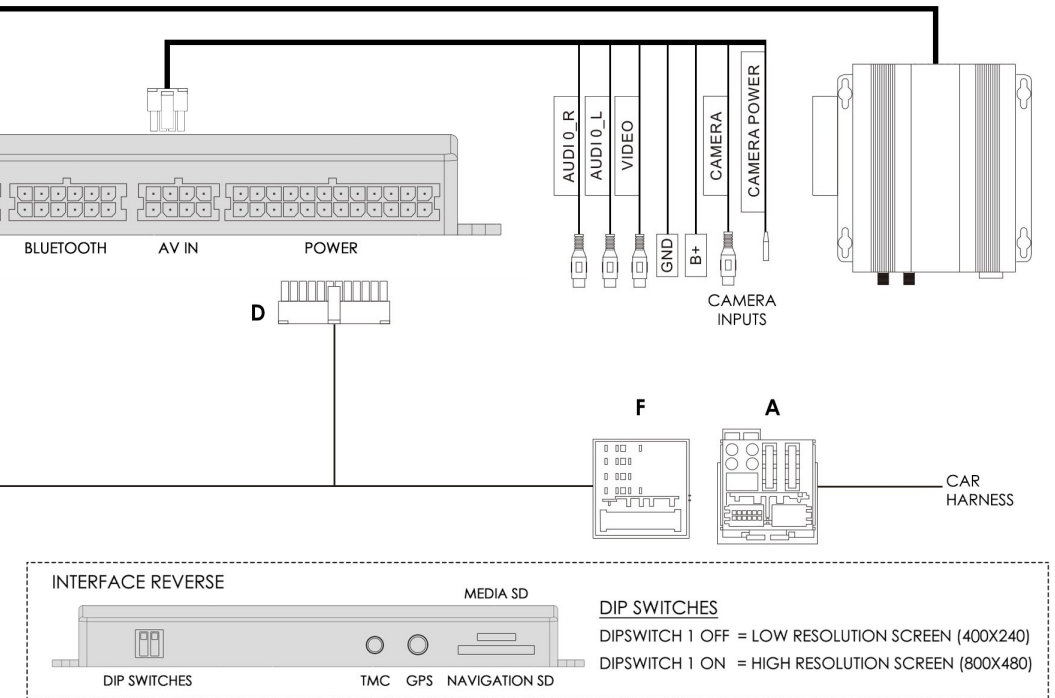


ADAPTIV INTERFACE





DVBT INTERFACE (NOT INCLUDED)
PART NUMBER: ADV-DVBT

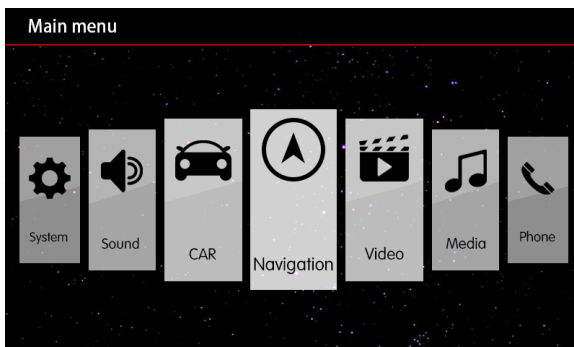


1. Remove the OEM head unit and disconnect the main power Quadlock (A).
2. Disconnect Grey LVDS connector (B) from the rear of the OEM head unit.
3. Connect this Grey LVDS to the Grey "LVDS OUT" on the Adaptiv interface.
4. Connect the LVDS cable supplied (C) into the Grey LVDS IN on the OEM head unit, connect the other end of this cable to "LVDS IN" on the Adaptiv interface.
5. Make all required module connections such as DAB, DVBT, HDMI.
6. Connect the supplied 24 way power and speaker connector (D) to the Adaptiv interface, connect the male Quadlock connector (E) into the OEM head unit, Connect the female Quadlock connector (F) into the OEM male Quadlock connector (A) disconnected in step 1.

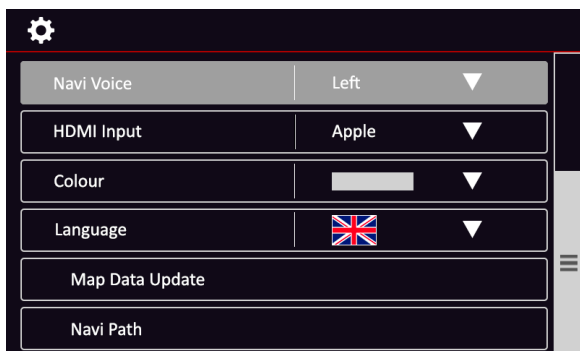
1. Before using your Adaptiv product, please ensure that the **Aux in** option is selected on your OEM head unit. This allows the Adaptiv product to use the Aux In source for its wide range of multimedia inputs.
2. In order to activate your Adaptiv product, press and hold the **C** button on your OEM rotary commander in the centre armrest console. The screen will switch to the Adaptiv start up screen.



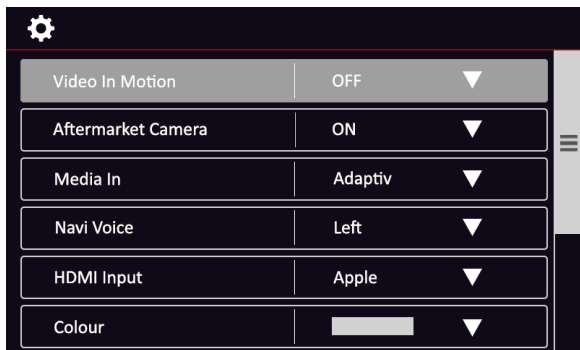
3. Main Menu - Use the rotary commander to scroll left across to the **System** icon. Press down on the rotary commander to select System.



4. Scroll down to **Language** and select the required language.



5. Scroll up and select **Media In** and ensure **Adaptiv** is selected from the drop down menu.



6. In order to exit Adaptiv and return to the OEM head unit menu, use the rotary commander to select the '**CAR**' icon on the Adaptiv homescreen.



The System menu allows the user to customise and select various options.

Video in Motion Enable

Enables/Disables video playback whilst the vehicle. This feature is turned off by default. It is the drivers responsibility to obey local traffic laws.

Aftermarket Camera Enable

The Adaptiv interface allows the input of an aftermarket camera into the OEM screen. This feature is turned off by default and should only be enabled if an aftermarket camera is connected. If an OEM camera is fitted, this will continue to function as normal.

Media In

This allows the user to switch between Adaptiv and Car as an audio source. When using Adaptiv, ensure that Adaptiv is selected from the drop down list. Should you wish to use an OEM audio source, select Car.

Navi Voice

Allows the user to select Left Front, Right Front or Both Front speakers for navigation audio.

HDMI Input

Switch between Apple and Android devices. Please note that the HDMI module (ADV-HDMI) module is an optional extra. Apple or Android specific connections are not included.

Colour

Allows the user to change the colour scheme. The colour is set to red/white by default.

Language

Allows the user to change language of the Adaptiv interface. The interface is set by default to English.

Video Input

Change the Brightness/Contrast of the picture for AV In.

Map Data Update

This allows access to update the Navigation SD card software. The feature allows files to be copied from the Navigation SD card to a USB key for updating via a computer. It also allows the USB files to be copied to the Navigation SD card in order to update it without removing the SD card from the Adaptiv module.



Navi Path

Select the folder destination for Navigation updates.



The sound settings menu allows the user to set the volume level of an audio source independently. When switching the source, the volume level will be automatically adjusted to the user defined level.

If the level slider controller is in the 0 position the volume that is set by the master volume control. Move the volume controller up or down to increase or decrease the volume gain level.



Before Use

To use the Navigation there must be an SD-Card inserted into the Navi slot of the Adaptiv interface. The GPS antenna must also be connected and located in a suitable location.

Navigation uses iGO Primo software. Please see the iGO Primo user manual for full details on operating the navigation feature. Please visit www.adaptiv-multimedia.com for more details.

Starting Navigation

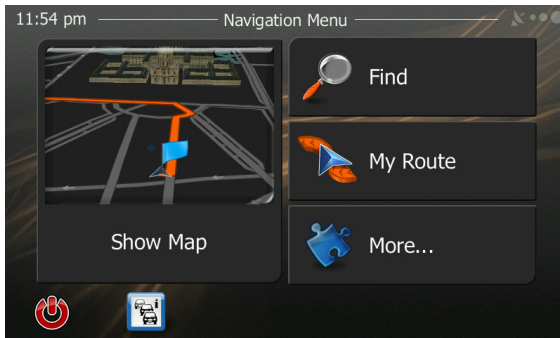
Scroll to the Navigation icon  on the Adaptiv homescreen. Once Navigation mode is entered the supplied Touchpad must be used to control all Navigation features. The Touchpad can be used to move the cursor around the screen and can be tapped to select an item.

Exit Navigation (with Navigation guidance enabled)

Press the back arrow  on the rotary commander.

Exit Navigation (with Navigation guidance disabled)

Click on the  icon on the navigation homescreen.



Navigation homescreen




Before Use

Please ensure the optional ADV-DAB module is connected to the Adaptiv interface and that the DAB antenna is connected. Note that the dipswitch on the ADV-DAB module should be in the On position. This outputs 5V power to the DAB antenna.

Selecting DAB

Scroll to the DAB icon  on the Adaptiv homescreen.

Scanning

When DAB is first selected, you must scan in order to find available DAB stations. Select the Scan icon . After scanning, the first available station will be heard and will be shown on the display.

Key to Icons



Scan



Current station Info



Station List



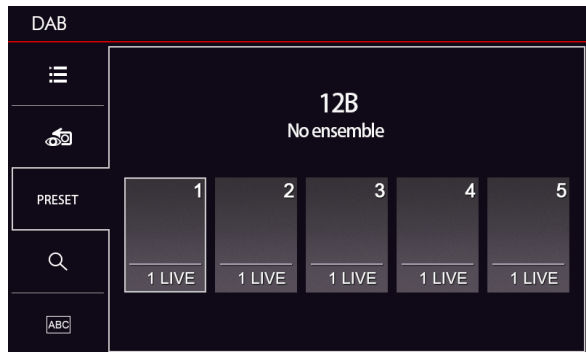
Ensemble View



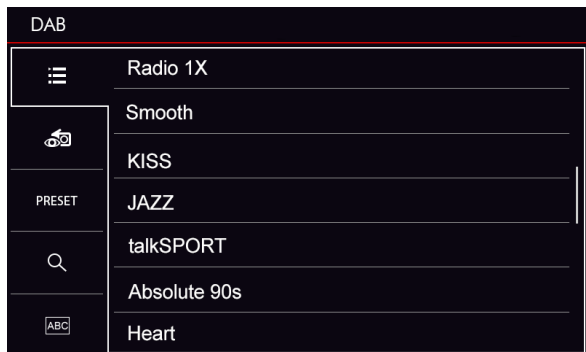
Alphabetical
View

Storing Presets

To store a preset, select the desired radio station. Select the Preset icon from the right hand side of the display. Scroll to the required preset button (1-10) on the station presets display. Press and hold the rotary commander to save the preset. The station name will then be shown within the preset icon. It is possible to store 10 presets.



Station Presets display



Station List display



Radio station info display



Before Use

Please ensure the optional ADV-HDMI module is connected to the Adaptiv interface. The ADV-HDMI module is supplied with a female HDMI socket which allows connection of Apple/Android devices with HDMI out (Device specific adapters not included).

Selecting HDMI

Scroll to Video on the Adaptiv homescreen and select with the rotary commander. Select the HDMI icon  .

Playback

The HDMI source allows high resolution multimedia playback from a variety of Apple/Android devices. The multimedia content must be controlled from the device itself.

Exit HDMI

Press the back arrow  on the rotary commander.



Before Use

Please ensure the optional ADV-DVBT module is connected to the Adaptiv interface and the DVBT antennas are connected.

Selecting TV

Scroll to **Video** on the Adaptiv homescreen and select the TV icon with the rotary commander.



Scanning

When TV is first selected, you must scan in order to find available TV stations. Select the Scan icon **SCAN** located on the lower menu bar on the second menu page.



Left direction



Right direction



Up direction



Down direction



Select



Search channel



Back



Channel
Information



Record Duration
(Requires USB key
to be connected
to the DVBT Tuner)

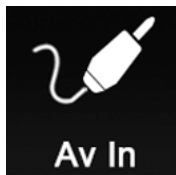


System setting
menu




Exit TV

Press the back arrow  on the rotary commander.



The AV In feature allows audio/video input of any devices with a composite output (Aux L, Aux R and Video). Control is from the connected device.

Selecting AV In

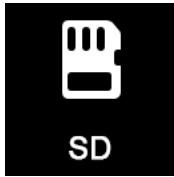
Scroll to **Video** on the Adaptiv homescreen. Select the AV In icon  on the Adaptiv homescreen.

Exit AV In

Press the back arrow  on the rotary commander.

Aftermarket Reverse Camera Input

The supplied AV In cable also includes an option to connect an aftermarket reverse camera. This option can be enabled in the System settings menu under '**Aftermarket Camera Enable**'.



The operation and features are the same when using USB or SD.

File Formats Supported

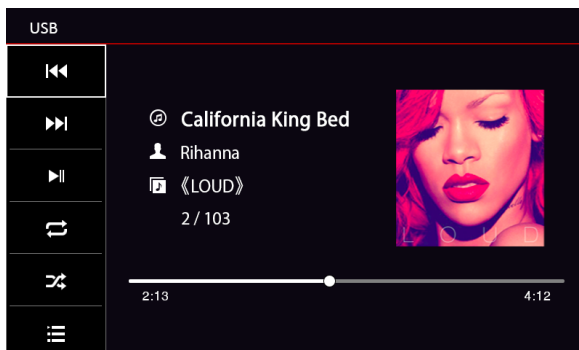
The following file formats are supported:

- | | | |
|--------|--------|--------|
| Audio | Video | Image |
| - MP3 | - MPEG | - JPEG |
| - AAC | - AVI | - PNG |
| - FLAC | - FLV | - GIF |
| - APE | - WMV | |
| | - MP4 | |
| | - MKV | |
| | - OGM | |

Selecting USB/SD

Ensure that a USB or SD card is inserted into the Adaptiv interface Multimedia or HDMI socket. Scroll to **Media** on the Adaptiv homescreen. Select the USB icon  or the SD icon  as required.

USB/SD Playback



USB/SD Playback display

Key to Icons



Previous track



Next track



Play / Pause



Repeat

Select once to repeat the song
Select twice to repeat/loop.

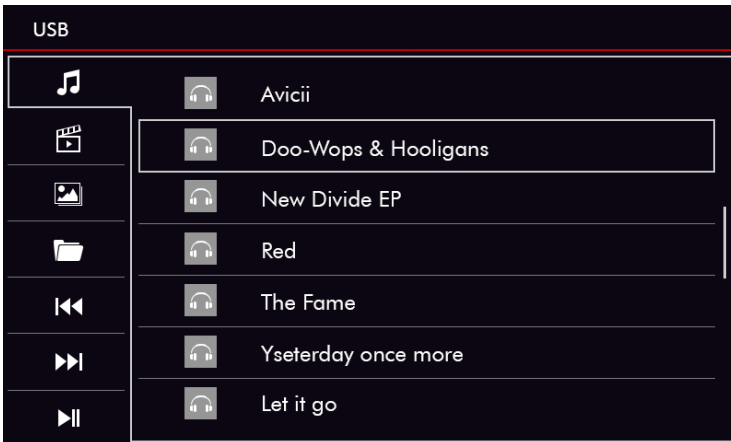


Shuffle

Select this to shuffle and play
tracks at random.



Play list





Open music files on USB/SD media



Open movie files on USB/SD media



Open image files on USB/SD media



Open all files on the USB/SD media (Folder Structure)

Movie playback



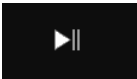
Key to Icons - Movie playback



Previous track



Next track



Play / Pause



Stop

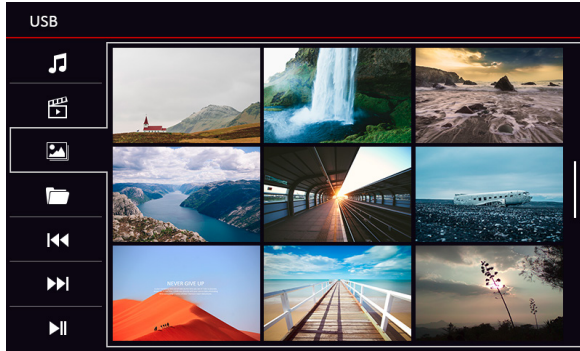


Fast forward



Back to previous menu

Images - Menu



Images which are saved on the SD-Card or USB device can be displayed on the Adaptiv unit startup screen. Any supported image format can be used. To do this, select the icon in the bottom left corner, as shown in the picture above.

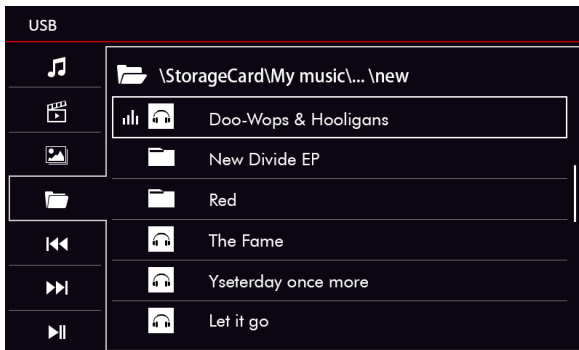


The chosen image is saved as the start screen. This will be confirmed by the green icon in the bottom left corner, as shown in the picture above.

To delete the startup image, select the memory button as shown above.

A red symbol appears to confirm the image was deleted as the start screen.

Folder Structure Menu



Select a folder. If the folder has a sub-folder this can also be selected from this page.



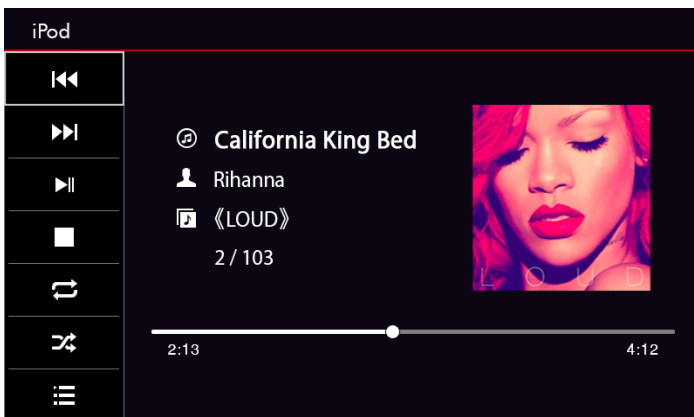
The iPod feature allows direct input and control of iPhone/iTouch/iPad devices.

Selecting iPod

Scroll to media on the Adaptiv homescreen. Select the iPod icon



iPod - Song list display



iPod - Song info display

Key to Icons



Album



Artist



Song



Playlist



Previous track



Next track



Play / Pause



Repeat

Press once to repeat the song
Press twice to repeat/loop.



Shuffle

Press this to shuffle and play
tracks at random.



List view

Exit iPod

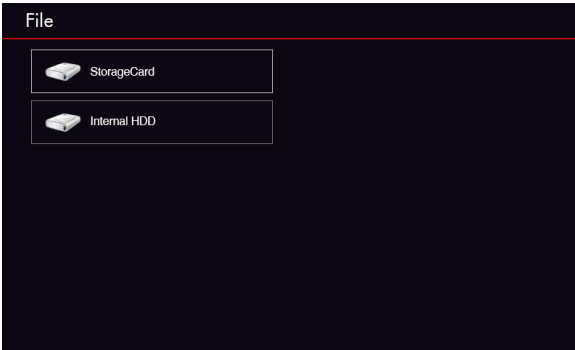
Press the back arrow  on the rotary commander.



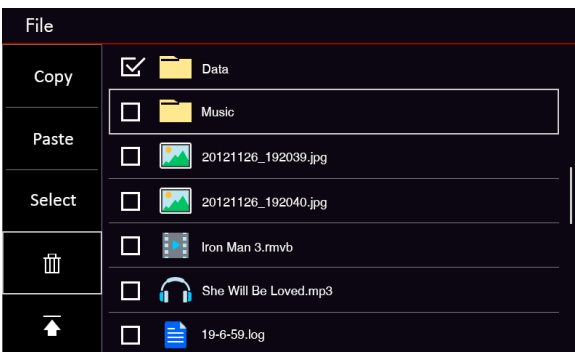
This option allows the transfer of files between a USB memory stick and an SD Card.

Selecting File Transfer

Scroll to **System** on the Adaptiv homescreen. Select the File icon  .



Files can be copied to/from an SD card which is inserted in the 'Media SD' slot and also a USB memory stick inserted into 'Multimedia' USB port.



Select the required files and use the copy and paste functions to move files between the two storage devices.

Key to Icons



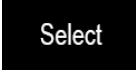
Copy

Copy File



Paste

Paste File



Select

Choose all files



Delete selected file



Back to previous menu



Update your unit



The current software version can be accessed via this page. Please make a note of this should you need contact Connects2 for support.

Should your unit require a software update, please ensure the USB key with the update file is inserted into the Adaptiv interface 'Multimedia' USB slot, or alternatively the USB input on the HDMI module can be used.

Power	
Power Supply	12V
Current Consumption	2A
Standby Current	7.5mA
Operating Temperature	-20c - +80c
LCD	
Resolution Output	400 x 240 / 800 x 480
Inputs	
Video Input	1 x RCA (AV) 1 x Rear Camera (V) 1 x HDMI (Optional ADV-HDMI)
DAB	1 x DAB (ADV-DAB)
TV	1 x TV (ADV-DVBT)
USB	1 x Multimedia
SD	1 x Navigation 1 x Multimedia

