adaptivlite.

Adaptiv Fitting & User Guide

BMW 1 Series 2012>, 3 Series 2012>, 4 Series 2014>
5 Series 2011>,X3 2010>

F Series Platform

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Adaptiv

Adaptiv*lite* is a new brand from Connects2, which allows extensive multimedia upgrades to the OEM screen.
The plug and play, all in one interface adds USB/SD, AV In and an input for an aftermarket reverse camera. Optional modules allow the ability to add DAB Digital Radio (ADV-DAB), DVBT TV (ADV-DVBT) and Bluetooth (ADV-BT). There is also an input which allows an aftermarket reverse camera to be connected. All features are controlled via the OEM rotary commander.

Application

For BMW F Series vehicles with 6.5" Control Display.

Kit Includes

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

Prior to installation

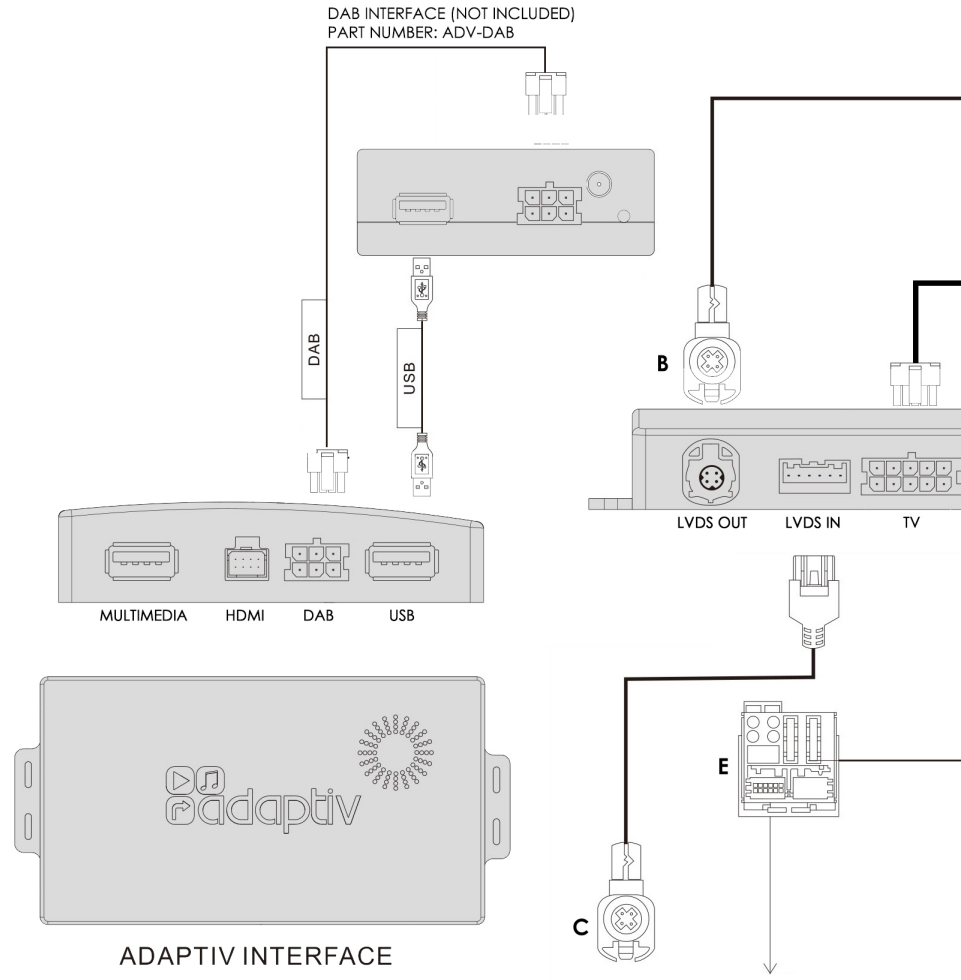
Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. Connects2 cannot be held responsible for the installation of this product.

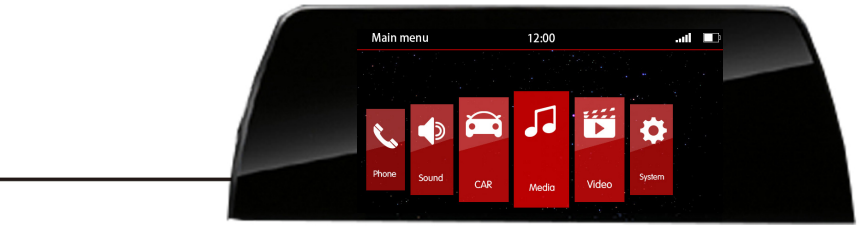
Technical Support

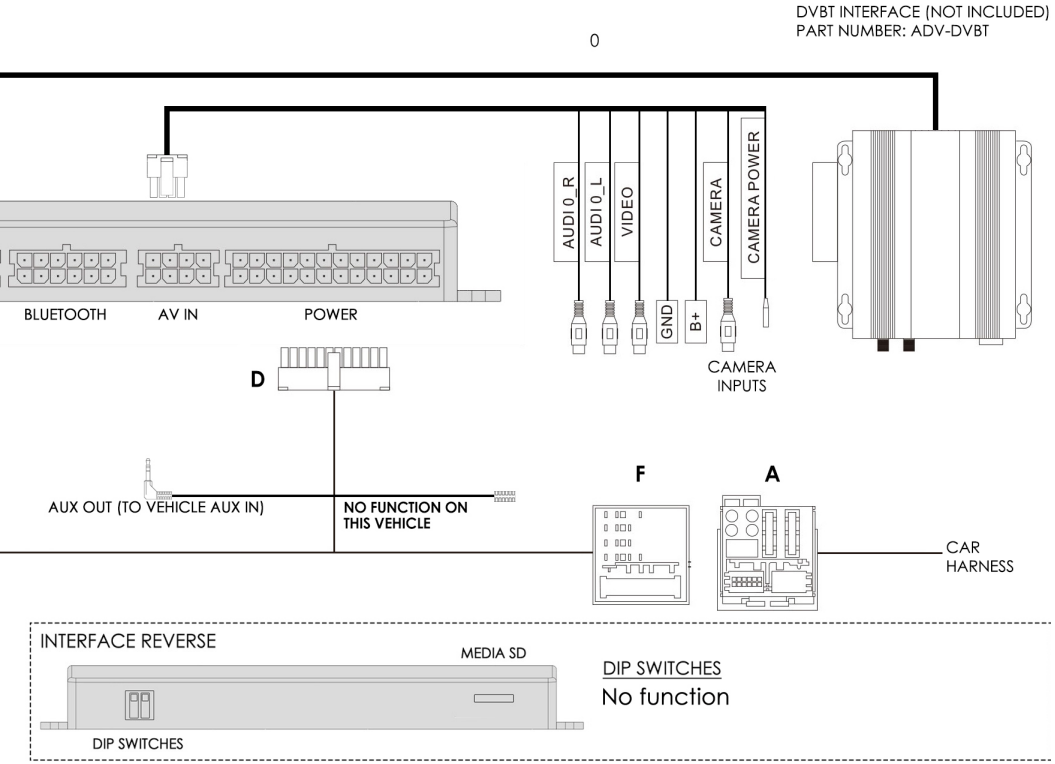
Connects2 want to provide a fast and suitable resolution should you encounter any technical issues. With this in mind, when contacting Connects2, try to provide as much Information as possible. This will speed up the process and help us to help you.

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

CONNECTION DIAGRAM - ADAPTIV BMW F SERIES PLATFORM





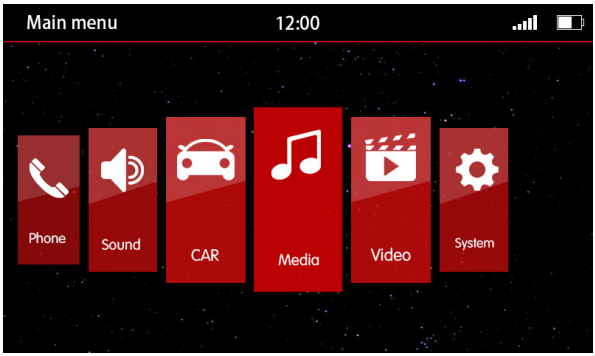


1. Remove the OEM head unit and disconnect the main power Quadlock (A).
2. Disconnect dark red LVDS connector (B) from the rear of the OEM head unit.
3. Connect this dark red LVDS to the dark red “LVDS OUT” on the Adaptiv interface.
4. Connect the LVDS cable supplied (C) into the dark red LVDS IN on 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 step1.

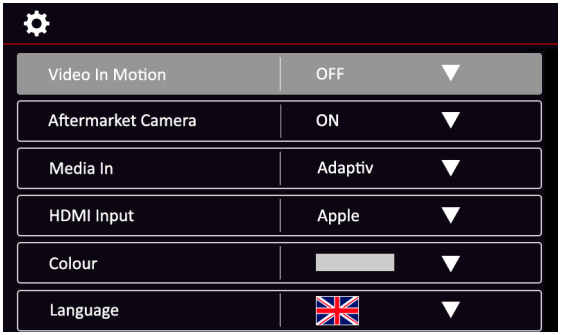
1. Before using your Adaptiv product, please ensure that the **Aux in** option is selected on your OEM head unit. This allows the Adaptiv product to use the Aux In source for its wide range of multimedia inputs. Ensure that the 3.5mm jack plug from the **AUX OUT** is connected to the Aux in socket in the vehicle. This is usually located in the centre armrest and can be routed through the centre console and under the rubber base of the centre storage tray.

2. In order to activate your Adaptiv product, press and hold the **MENU** 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. In order to exit Adaptiv and return to the OEM head unit menu, press the **BACK** button to go back to the Adaptiv homescreen. Use the rotary commander to select the '**CAR**' icon on the Adaptiv homescreen. Alternatively, press **RADIO or TEL** on the rotary commander.

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

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

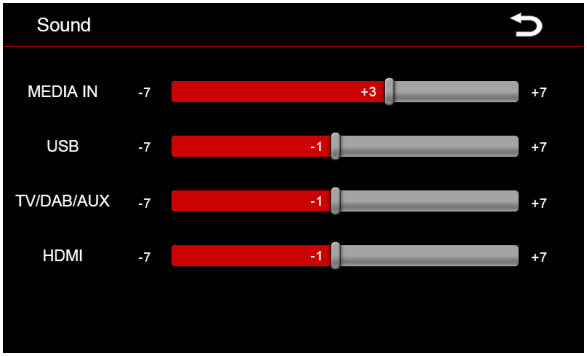
Aftermarket Camera Enable
The Adaptiv interface allows the input of an aftermarket camera into the OEM screen. This feature is turned off by default and should only be enabled if an aftermarket camera is connected. If an OEM camera is fitted, this will continue to function as normal.

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.

Service Mode
Allows the user to turn on/off service mode. This should be enabled before the vehicle is taken in for service. Disable the feature after the vehicle has been serviced.

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



The sound settings menu allows the user to set the volume level of an audio source independantly. 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

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

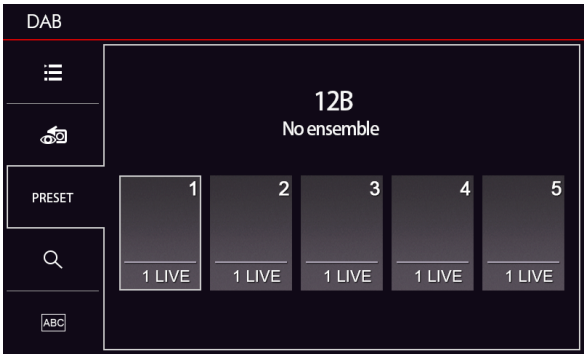
Station List

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 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
ENTER	Select	SCAN	Search channel
ESC	Back	INFO	Channel Information
REC	Record Duration (Requires USB key to be connected to the DVBT Tuner)	MENU	System setting menu

Exit TV
Press the **BACK** button 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 button 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
- MP3
- AAC
- FLAC
- APE

Video
- MPEG
- AVI
- FLV
- WMV
- MP4
- MKV
- OGM

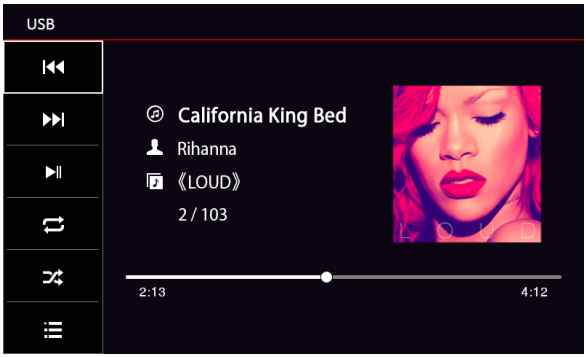
Image
- JPEG
- PNG
- GIF

Selecting USB/SD
Ensure that a USB or SD card is inserted into the Adaptiv interface Multimedia 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

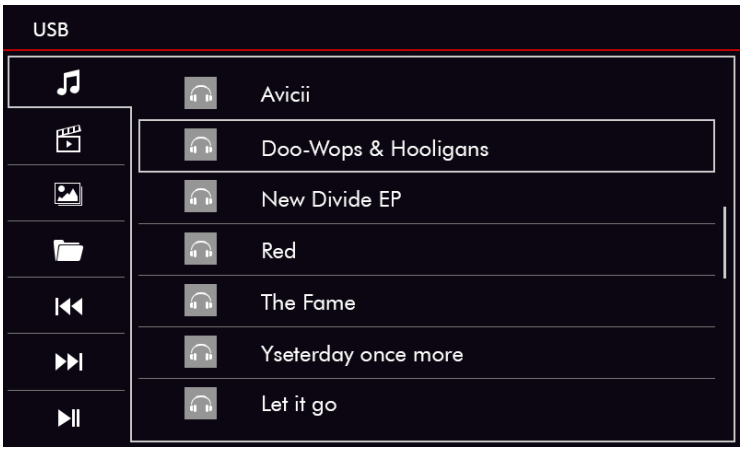
Repeat

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

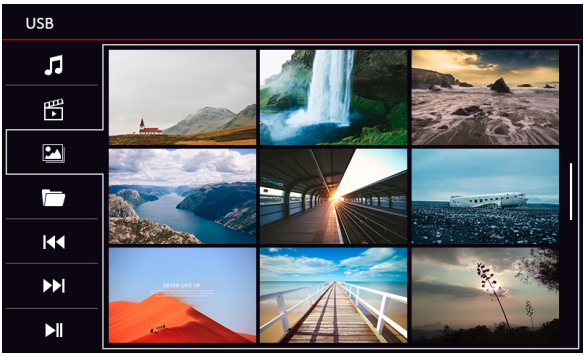
Play / Pause

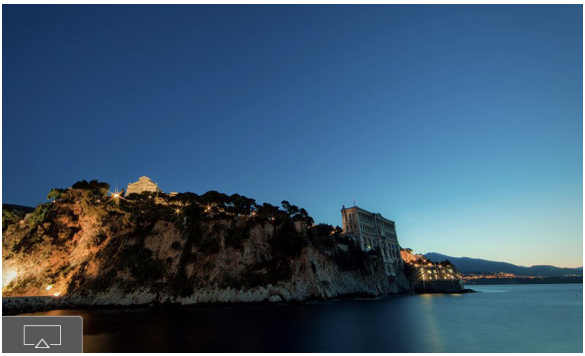
Stop

Fast forward

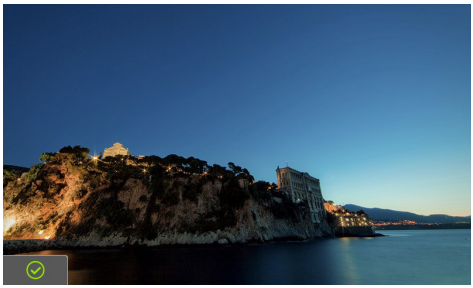
Back to previous menu

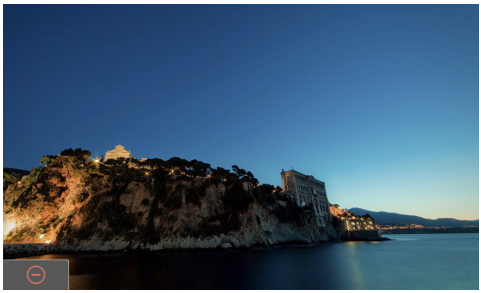
Images - Menu





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.

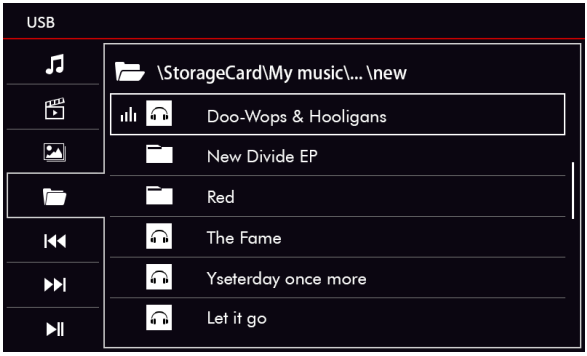




The chosen image is saved as the start screen. This will be confirmed by the green icon in the bottom left corner, as shown in the picture above.
To delete the startup image, select the memory button as shown above.

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

Folder Structure Menu



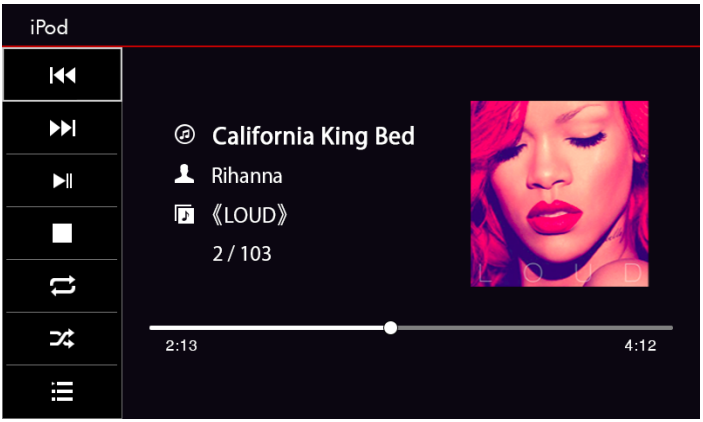
Select a folder. If the folder has a sub-folder this can also be selected from this page.

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

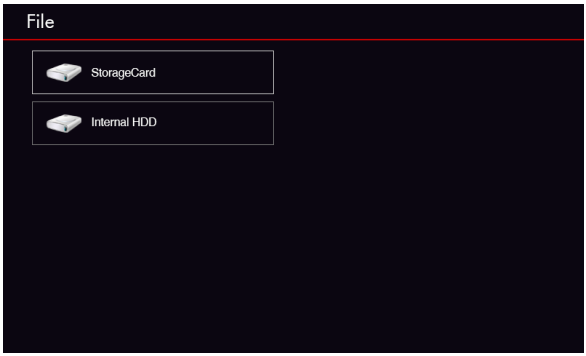
Press the back arrow on the rotary commander.

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

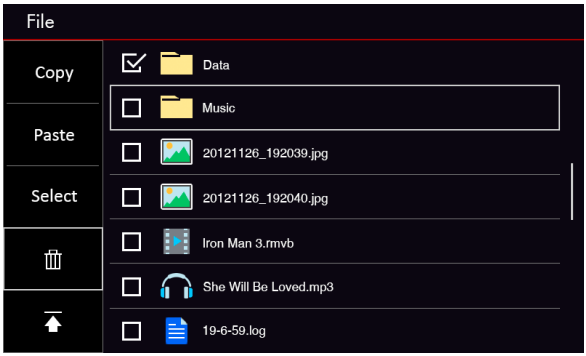
Selecting File Transfer

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 File

Paste File

Choose all files

Delete selected file

Back to previous menu

Update your unit

Downloads

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.

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)
DAB	1 x DAB (ADV-DAB)
TV	1 x TV (ADV-DVBT)
USB	1 x Multimedia
SD	1 x Multimedia

adaptiv