

V1.3

OWNER'S  
MANUAL



CAR MEDIA SYSTEMS



VN709 OP-ASTRA

VISION  
NAVICEIVER

# INTRODUCTION

**Always follow the instructions in this manual before using the device. Please keep this manual easily accessible in the vehicle for future reference.**

## Features

- iGo Primo, 3D Navisoftware with TMC on 8GB SD card, 46 countries including Turkey with Points of Interests display and search function, 3D building views, TTS voice output, warnings, over 25 system and prompt languages. Latest Map Guarantee (30 days) after activation via [www.naviextras.com](http://www.naviextras.com).
- High-resolution 17.8 cm (7") LCD touchscreen display with 800 x 480 pixels
- Improved i9 operating system based on Microsoft Windows CE 6
- 800 MHz ARM 11 CPU, 300 MHz DSP, 4 GB iNand Flash Drive, 256 MB DDR1-RAM, 256 MB NAND Flash RAM
- Bluetooth™ handsfree, phone book synchronization and A2DP audio streaming
- Media playback (MP3/WMA/MPEG4/MPEG1/2/WMV/AVI/DivX etc.)
- DVD-Player (DVD, DVD-R/RW, DVD+R/RW, VCD, CD, CD-R/RW, MP3)
- File manager with an open file structure, photo slideshow, compatible with MS Office applications
- MicroSD card slot and USB port with copy function
- Integration of external applications (Compatible with Windows CE 6)
- Date/time function, 12- or 24 hrs. display
- AV Audio Output Stereo
- AV Input (Video & Audio)
- Video Output
- Rear Cam Output (Format PAL and NTSC + control signal)
- Supports original radio device
- Supports original information display (A/C, Radio etc.)
- Supports 2D-/3D navigation maps with TMCpro function
- Supports external TV or radio receivers (DVB-T, DAB, etc.)
- Supports mobile internet with separate 3G/UMTS sticks
- Supports iPod / iPhone™ with ID3 tag display via USB port
- Custom design function (individual wallpaper, startup logo, menu)
- Several design themes with different colours
- Individually adjustable pre-channel volume for each application
- Supports HD Video Playback 720P (1280\*720)

## Compatibility (Status October 2015)

- Opel: Opel Astra J (2009-2015) with OEM Radio CD300 or CD400.  
Not compatible with CD600 or other OEM navigation systems.  
No support for the factory AUX input (3,5 mm jack).

## Intended Use

This device is only suitable for operation in a vehicle with an on-board voltage of 12 volts / negative ground.

<b>Safety Information</b> .....	<b>4</b>
<b>Basic functions</b> .....	<b>6</b>
Operating elements .....	6
Main menu .....	7
Navigation .....	8
Audio player .....	9
Radio .....	10
DVD (DVD/CD-Player) .....	11
Bluetooth™ .....	13
Apps .....	16
– <i>LinkPod (optional)</i> .....	17
– <i>Video</i> .....	17
– <i>TV (optional)</i> .....	18
– <i>Files</i> .....	18
– <i>Internet (optional)</i> .....	19
– <i>Options</i> .....	20
– <i>Audio</i> .....	23
<b>Custom settings</b> .....	<b>24</b>
Menu assignments .....	24
Wallpaper .....	25
Start logo .....	26
<b>Troubleshooting</b> .....	<b>28</b>
<b>General notes</b> .....	<b>32</b>



This symbol indicates important information and instructions in this manual, which serve to improve traffic safety and operability of the device.

## SAFETY INFORMATION

- In general, the assembly and installation of the device must be performed by a trained and technically skilled specialists, as the installation and connection of the device requires complex knowledge.
- This device is only suitable for the operation in a vehicle with an on-board voltage of 12 volts, negative ground.
- Improper installation or use may void the warranty.
- Note any time the traffic regulations of the country in which the device is operated.
- Please ensure, that with the engine turned off the vehicle's battery does not discharge fully. The device is another electrical consumer which must be operated with the engine running, other-wise the vehicle's battery will be discharged and the vehicle can not be started.
- Set the volume of the device only as loud, that you are still be able to hear warning signals (e.g. police sirens) and traffic noise inside the vehicle.
- Operate the device as driver only if it's absolutely necessary and in the driving safety is not compromised. The same stands for looking at the screen. If necessary, better park your vehicle at a safe and appropriate location.
- The traffic rules of the EU prohibit to view moving pictures or movies while driving, if the screen of the device is installed within sight of the driver, as he may be distracted. View the screen as driver only for the navigation function, and then only briefly that you will not be distracted. Note at any time the local traffic regulations. In an accident, regress claims could be made by the car insurance company.
- This device is not a substitute for your personal judgment or perception. All suggested routes from the navigation system should never be taken as a reason to disregard the local traffic rules. Your personal assessment of traffic or your knowledge of safe driving practices is paramount. Always match your driving with the current traffic situation.
- Do not follow the suggested routes, if the navigation system instructs you to take an unsafe or illegal way, puts you in an unsafe situation, or directs you into an area which you consider unsafe.
- If problems occur while driving, park the vehicle in a safe and appropriate place to continue before you operate.

- The device supports only DVD/CD standard disk size of diameter with 12 cm. Do not attempt to insert disks with a different size or any other object into the disk slot. Be sure to load only one disk at the same time.
- Please use only the included original accessories. Ensure a sufficient mounting of the device by using the included installation accessories, as in the event of an accident enormous accelerations may occur. Poorly installed devices and equipment in accidents could represent a severe risk to the driver and the other passengers of the vehicle.
- Note under all circumstances the regulations and advices of the vehicle manufacturer and do not make any modifications to the vehicle, which could interfere with safe driving. Please treat all parts of the device and the components of your vehicle always with caution.
- Please avoid short circuits and make sure that no metal objects can get inside the device. Also make sure that all connections are properly connected and avoid the interchanging of the polarity of all connections. Complete the installation only while the the ignition is turned off.
- In the event of a defect or malfunction, do not attempt to repair it by yourself or open the device, this is dangerous and could cause injury or damage to the equipment or vehicle. A repair should be done by trained and authorized personnel only. The device uses a Class 1 laser to read the disk. Eye contact with a laser is very dangerous to the human eye.
- If you connect an external device, you should first read the instruction manual of the external device and make sure that it is compatible. Avoid connecting an incompatible external device.
- If you install external applications onto the operating system of the device or operate files, make sure that they are „virus free“ and compatible with Windows CE 6. Otherwise there is a risk that the operating system no longer works properly and must be reinstalled.
- Do not damage or scratch the screen with sharp objects. Do not operate the screen with hard objects.
- Please refer the notes in chapter GENERAL NOTES on page 32.



**This symbol indicates important information and instructions in this manual, which serve to improve traffic safety and operability of the device.**

### ▶ OPERATING ELEMENTS



Generally the ESX device works as an extension of factory-installed sound system. All the controls on the steering wheel and the center console work as before (except for the AUX jack connector). The factory-installed screen in the middle of the dash is replaced with the touchscreen of the ESX device. The included DVD drive expands as a new component the functions and replaces (optional, not required, see installation manual) the factory CD-ROM drive.

**IMPORTANT NOTE / LIMITATION:** All components of the ESX device need a switched on ignition (ACC). But if the original OPEL radio unit turned on with the ignition off, the display of the ESX device remains off. The audio functions are still all available, but no visual functions such as navigation or video playback are available.

1. Touchscreen for the additional functions and applications of the ESX device.
2. slot for Micro SD card including the navigation software.
3. Reset button.

## MAIN MENU

After power on, the device displays the main menu.



1. The informations of the factory sound system and trip computer are displayed here. The display of the individual functions such as radio, sound control and air condition are covered by factory-installed components and reflect the state factory.
2. Touchscreen keypad to start the navigation of the ESX device.
3. Touchscreen keypad to start the audio player of the ESX device.
4. Touchscreen keypad to start the Bluetooth™ fuction of the ESX device.
5. Touchscreen keypad to open the application menu.



**Basically, the device can operate several applications simultaneously. But if too many extensive applications running at the same time, it can slow the operation (not responding to your input) or even crash the system.**

# BASIC FUNCTIONS

## NAVIGATION

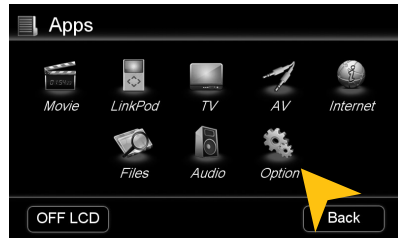
Open the navigation application by tapping „Navigator“ in the main menu.

Please refer to the separate manual for the navigation software.

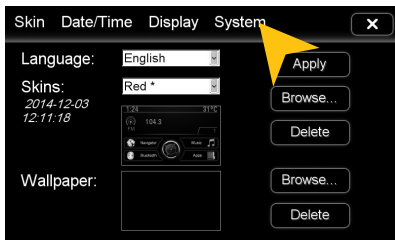
The device provides the ability to use any navigation software (Windows CE 6.0 compatible). Patch the navigation software (on microSD card) with the device as follows:



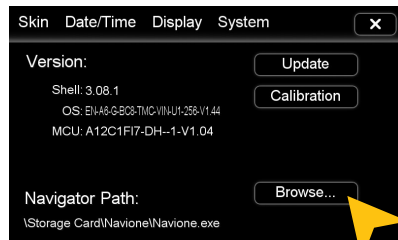
Tap on „Apps“.



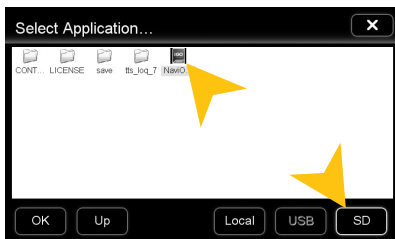
Tap on „Option“.



Tap on „System“.



Tap on „Browse“.



Tap on „SD“ and then choose the navigation software on your MicroSD card with a double tap. The device always opens this navigation software after touching the „Navigation“ key pad.

Visit [www.esxnavi.de](http://www.esxnavi.de) for more information.

**Note:** If you have accidentally changed the path and want to use the original ESX iGO software, the path must always be „\\Storage Card\\Navione\\Navione.exe“.

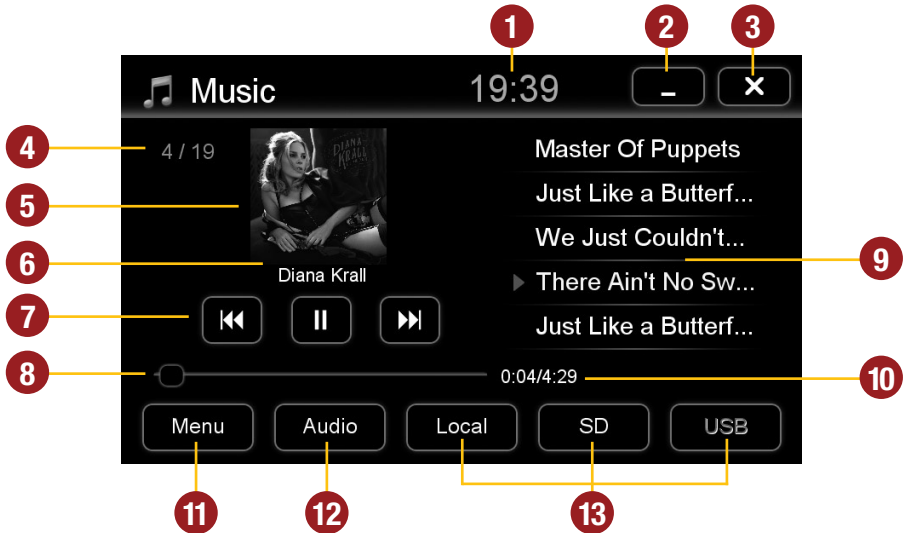


The unit receives GPS satellite signals automatically. In poor weather conditions or for example while passing a tunnel, these signals may be disturbed. This could lead to a malfunction of the GPS positioning.



## AUDIO PLAYER

Open the audio player by tapping „Music“ in the main menu. The audio player supports audio formats like MP3, WMA and WAV. Refer to page 11 for CD Audio playback.



1. Current time.
2. Tap here to enter the main menu without interrupting the playback of the current title. You can also use the [BACK] button on the center console.
3. Tap here to exit the application, the playback will be interrupted.
4. Track number of the currently played audio file.
6. ID3-Tag album cover.
7. Playback controls for audio player
  - Start or pause playback
  - Play previous track
  - Play next track
 You can also use the controls of the vehicle.
8. Progress bar of the currently playing audio file. With the displacement of the knob you can jump to another point in the track.
9. Playlist of the audio player. The currently playing title is highlighted. Tap on any title to start its playback.
10. Here the elapsed playing time and the total duration of the title is displayed.
11. Tap here to change the playback mode or change / edit the playlist.
12. Tap here to open audio settings menu.
13. Select here the storage location of the audio files that you want to playback.

## Playback mode and playlist



Tap on „Menu“ and then on:

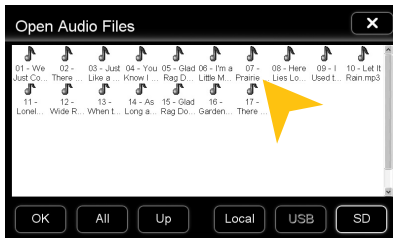
„Scan“ for a short playback of each song in the playlist.

„Random“ for a randomized playback within all titles.

„Repeat“ to replay the current title.

„Save playlist“ to save the current playlist on „Local“.

„Clear list“ to delete the current playlist.



Under „Open Audio File“ you find the file manager. Now you can add audio files from the local disk or the connected USB flash drive or the microSD card to the current play list.

Confirm the selection by double clicking.

Once you select a source (USB, SD), the audio player will generate a playlist of all the available songs. If you want to play only a specific folder, you proceed as follows:

1. Tap on the gear icon > „Delete list“
2. Tap on the gear icon again > „Open Audio File“
3. Open the desired source (e.g. USB) and open the desired directory.
4. Tap on „All“ to select all songs and confirm by tapping on „OK“
5. The playback starts immediately.



**The touchscreen allows the operation by finger tip or the included stylus marker. Due to complex menu navigation within each application, the stylus is much better suited for an accurate operation.**

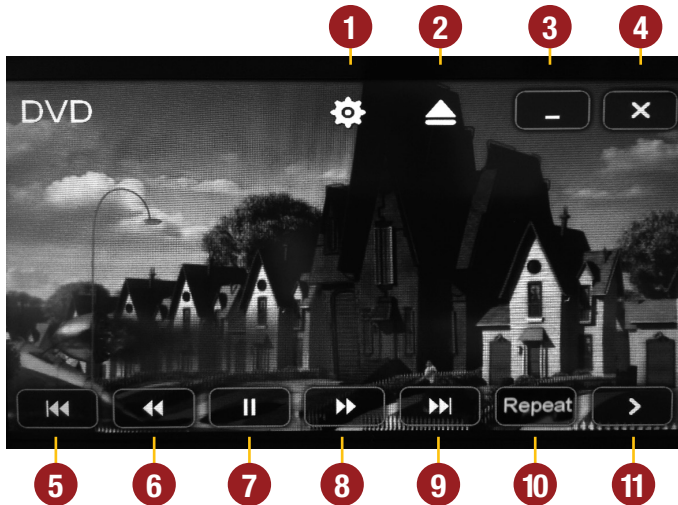
## RADIO (+ CD-PLAYER)

The operation and function of the radio or the CD player via the controls on the multifunction steering wheel or the center console have not changed after installing the ESX device. If necessary, refer to the original manual of the radio.


**DVD** (DVD/CD-Player)

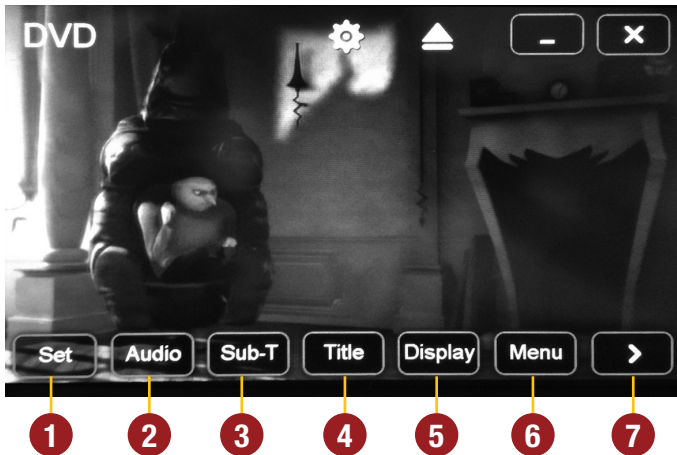
The DVD player supports the following formats: DVD, DVD-R/RW, DVD+R/RW, VCD, CD, CD-R/RW, MP3. Open the DVD application by tapping „DVD“ in the „App“ menu. or by tapping the „CD“ button on the original radio.

Tap during DVD playback on any spot on the display to open the DVD menu. When you playback a CD or MP3-CD, the user interface is different.



1. Tap here to open the video settings.
2. Tap here to eject the inserted disc.
3. Tap here to enter the main menu without interrupting the playback.
4. Tap here to exit the application, the playback will be interrupted.
5. Tap here to skip to the previous chapter/track/scene.  
You can also use the button [< previous title] on the center console.
6. Tap here for rewind.  
Set the speed (2x, 4x, 8x, 16x) by tapping repeatedly.
7. Tap here to pause or start the playback.
8. Tap here for fast forward.  
Set the speed (2x, 4x, 8x, 16x) by tapping repeatedly.
9. Tap here to skip to the next chapter/track/scene.  
You can also use the button [> next title] on the center console.
10. Tap here to repeat the current title (1x) or chapter (2x).
11. Tap here to go to the next page of the DVD menu (refer to the next page).

## BASIC FUNCTIONS



1. Tap here to open the System Settings of the DVD player, where general settings, audio settings, video settings and language settings can be specified.
2. Tap here to switch through the audio tracks of the DVD (if available).
3. Tap here to switch through the subtitles of the DVD (if available)
4. Tap here to open the title menu.
5. Tap here for the information of the currently inserted media. Tap again to hide the information.
6. Tap here to open the main menu of the currently inserted media.
7. Tap here to go to the previous page of the DVD menu.

**NOTE:** Some of the described features and settings are available only if the inserted media is suited accordingly.

## BLUETOOTH™

Open the Bluetooth™ application by tapping „Bluetooth™“ in the main menu.



### PAIRING

At first pair the devices, if necessary refer to the manual of your mobile phone. Open the „Settings“ menu on your mobile phone and open the Bluetooth settings.

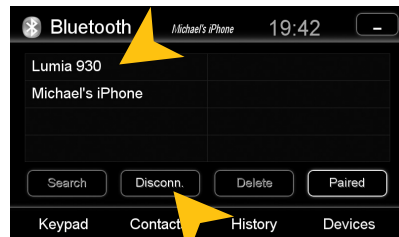
Turn on Bluetooth and then search for compatible devices. The Bluetooth name of the device will be displayed.

Select your device from the device list in the phone and enter the PIN code **1234**. Alternatively, you can also search your mobile phone under „Devices“ and connect to the device. Once you have connected your phone to the device, the pairing starts automatically as soon as the two devices are within range. Leave Bluetooth activated on the mobile phone. If a mobile phone has already been added to the list of Bluetooth devices, you can also manually pair the devices. The range for a satisfactory connection is about 10 m.

### DISCONNECT



To disconnect the two Bluetooth devices, tap on „Devices“.



Choose the mobile phone from the list and tap „Disconnect“ or quit the Bluetooth connection on your phone.

Alternatively, the phone can also be deleted from the list, but after that, the automatic pairing is disabled and the mobile phone must be re-paired with the device. To delete the mobile phone from the list, select the name and press „Delete“. This is only possible if the devices are not currently paired.

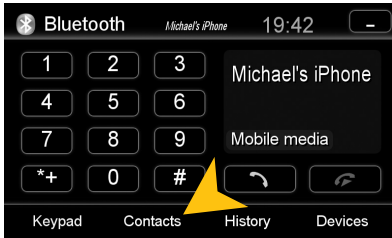


**The paired mobile phone has always priority and a phone call mutes always the currently playback of media (navigation, radio, audio, DVD, etc.). This applies both for incoming calls as well as outgoing calls.**

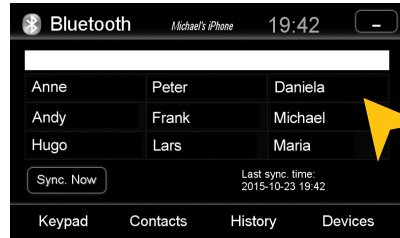
# BASIC FUNCTIONS

## CONTACTS AND CALL HISTORY

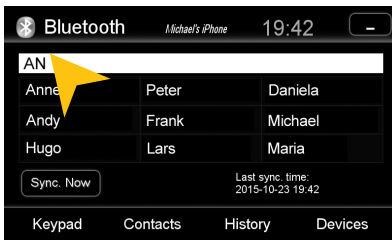
Once your mobile phone has been connected via Bluetooth to the device, the synchronization of your contacts and call history starts automatically.



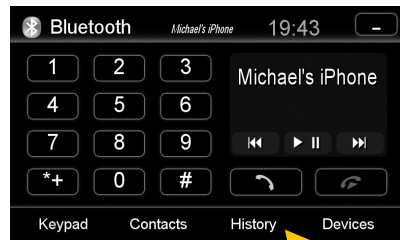
Tap on „Contacts“.



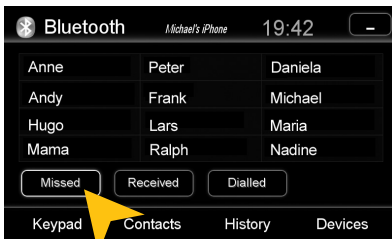
Tap on a name to start a phone call.



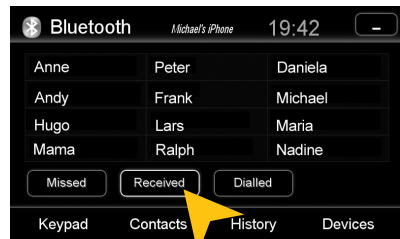
Tap on the white search field to search for a contact, by typing its name on the screen keyboard.



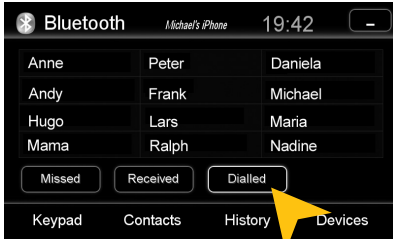
Tap on „History“.



Tap on „Missed“ to display the missed phone calls.

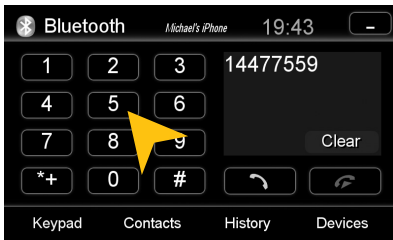


Tap on „Received“ to display the already received phone calls.



Tap on „Dialled“ to display the already transacted phone calls.

## KEYPAD



Tap on „Keypad“ to enter phone numbers manually. Then enter the desired number and then tap the green phone icon to start dialing. Tap the red phone icon to end the phone call.

You can dial with the paired mobile phone, but this is not recommended while driving and may be illegal in your country.



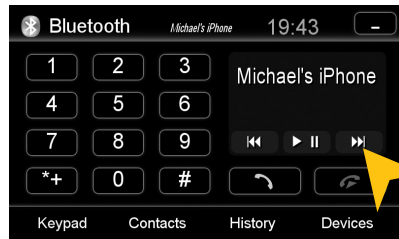
**An incoming call should not be accepted automatically by the device. If this occurs and the call is automatically answered, disconnect the phone and pair it again.**

## AUDIO STREAMING

As soon as a mobile phone is paired via Bluetooth with the device, it is possible to play audio files from the mobile phone via the device, if the mobile phone supports the Bluetooth A2DP audio streaming standard. The title and file selection must be done on the mobile phone. Follow the local traffic regulations.



Tap on „Mobile Multimedia“ to start the audio stream.

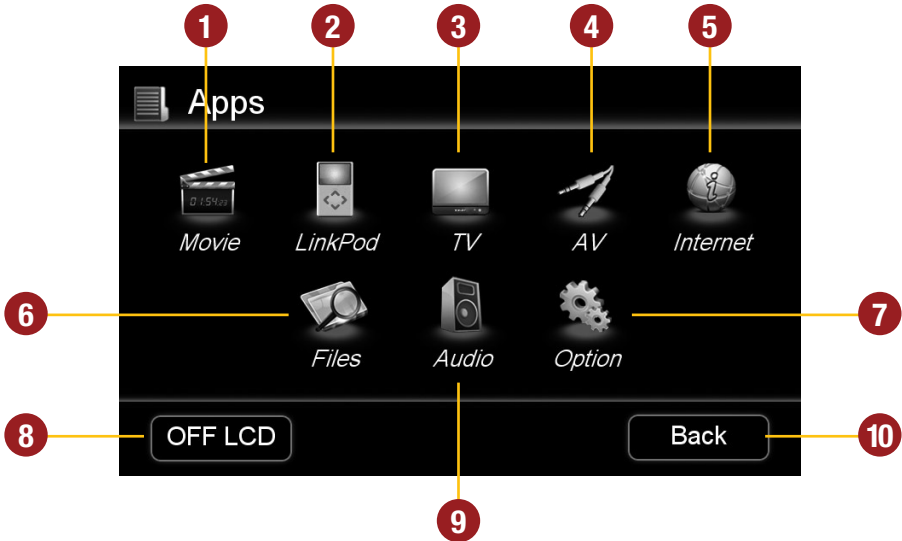


Tap on „one of the controls to start or pause the playback or to skip to a track.

## APPS

Open the application menu by tapping on „Apps“ in the main menu.

The device offers a variety of applications that can be used as described below. Some of these functions require the appropriate accessories.



1. Tap here to open the Movie Menu.
2. Tap here to open the LinkPod Menu, when an iPod/iPhone is connected with the device.
3. Tap here to open the TV Menu, if an external TV tuner is connected with the device.
4. Tap here to open the AV Menu, if an external AV device is connected with the device.
5. Tap here to start the Internet Browser.
6. Tap here to open the File Manager.
7. Tap here to open the Option Menu.
8. Tap here to switch off the display. To switch on the display again, tap onto the screen.
9. Tap here to open the Audio Settings.
10. Tap here to go back to the Main Menu.

In Chapter „CUSTOM SETTINGS“, section „Menu assignments“ (Pg. 24) shows how to customize and arrange the key panels.



## LinkPod (optional)



Make sure that the iPod™ is properly connected to the device via the supplied USB cable. This cable allows also the connection of an iPhone™ to use its built-in audio playback mode.

The battery is charged via the USB port when the device is switched on. With older iPod™ models, it may occur, that they will not be detected, after the device was switched off. Disconnect and connect again the iPod™ in this case.

The user interface is modeled like the user interface of the iPod™. You get access to the iPod™ and its contents and playlists through the lower control panels. By tapping „MENU“ and „Media Library“ you can make the desired playback settings.



**Please avoid disconnecting the iPod/iPhone™ during operation. This could cause a system crash.**

## Video



After you have tapped on „Movies“, the file manager will open. Select then a movie file either on the local hard drive or the USB stick. If a movie isn't playable, the codec or file format of the file is not compatible with the device. Tap on the file to start the playback.

Supported video formats: MPEG 1/2/4, AVI, WMV, DivX, H.264



Tap on „Menu“ to perform file operations.

Tap on the screen to display the movie control panel during playback.

Pull or push the progress bar to change the playback position.

## BASIC FUNCTIONS

### TV (optional)

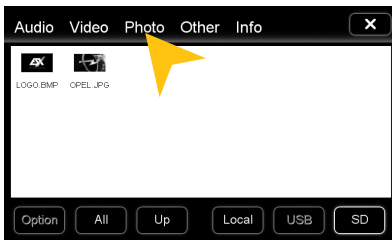


The device offers the possibility to connect and operate a separate TV tuner (DVBT) for the reception of digital TV signals.

Optionally, it is also possible to connect and operate an external digital radio receiver (DAB, DAB+).

Depending on the model the touchscreen function is enabled. Please refer to the manual of the connected tuner.

### Files



With the file manager, it is possible to manage and open computer specific file formats. The system supports the following file formats:

Photo: BMP, JPEG, GIF, PNG

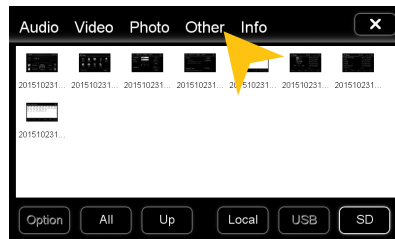
Video: MPEG 1/2/4, WMV

Audio: MP3, WMA, WAV, LST (Playback List)

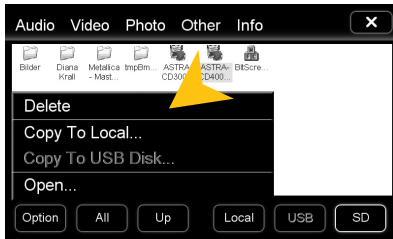
Tap once on a file to select it, tap twice on the selected file to open it.



Tap on the desired storage location to display the available and compatible files.

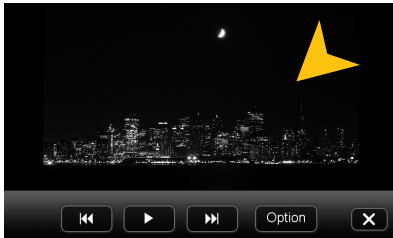


Tap on the desired file category to display the other available and compatible files.

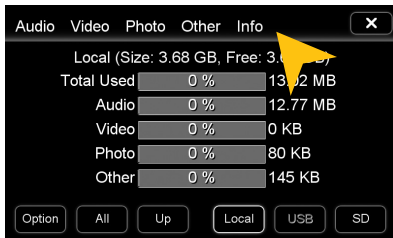


Tap on „Option“ to perform file operations, such as deleting or copying files.

With the copy function, it is possible to move files to another location or to another disk.



Once you have open an image file, you can start a slideshow of all the pictures stored in the directory. Tap on the image and the playback options are displayed.

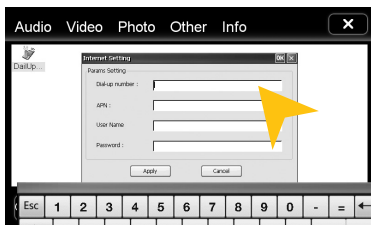


Tap on „Info“ to view the memory information of each storage locations.

Here you can view the file categories and the used disk space on the selected storage location.

The usage is displayed in percent and in kilobytes/megabytes/gigabytes.

## Internet (optional)



With a separately available 3G USB stick and an activated SIM card (3G/UMTS), it is possible to use the „Internet“ feature. Open in the main menu Apps > Files > chose „Local“ and „Others“. There you will find the pre-installed file „DialUpSetting.exe“. Open the program and a virtual keyboard appears as well as the „Internet Settings“ window. Both windows can be moved by tapping on the blue tab, then holding and moving.

Enter the appropriate information that you have received from your network operator into the required data field and confirm your entries with „Apply“. Now, the Internet function is ready to use.

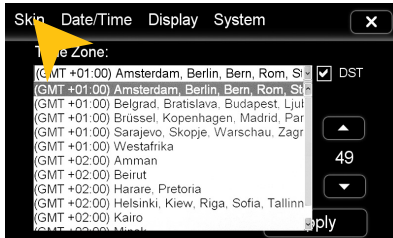
The operation of the browser works best with the included stylus marker.

# BASIC FUNCTIONS

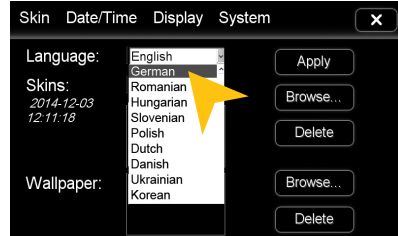
## Option

Open this menu from the main menu by tapping on the „Menu“ and „Option“.

### Language settings



Tap on „Skin“.

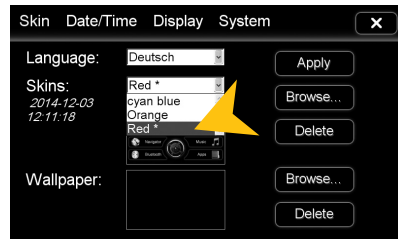


Select the desired language. Tap on „Apply“.

### User interface



Tap on „Skin“.



Tap on the menu „Skins“ and select the desired design theme (skin). Tap on „Apply“.

### Operating system



Under „System“ you find information about the system.

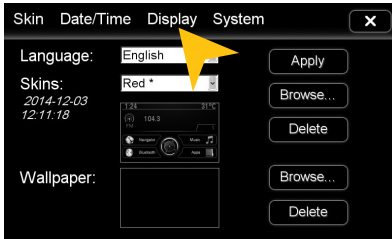
- Shell: Version number of the user interface
- OS: Version number of the operating system
- MCU: Version number of the CAN-BUS protocol

Check under [www.esxnavi.de](http://www.esxnavi.de) if an operating system update is available or ask your retail dealer. Then follow the installation instructions that come with the update.

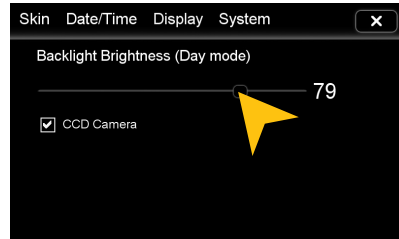


**Do not turn off the car's ignition while updating process of the operating system. Don't run the update while driving.**

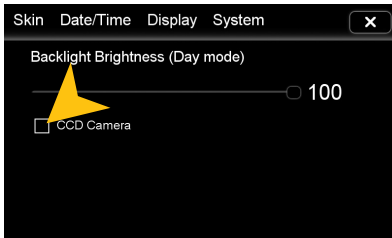
## Display



Tap on „Display“.



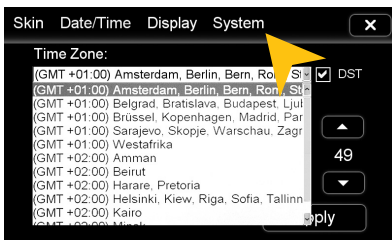
Set the desired brightness level for the display.



The checkbox „CCD Camera“, enables the optional rear view camera function. As soon as reverse gear is engaged, the transmission of the video camera is automatically displayed on the screen.

## Calibration of the touchscreen operation

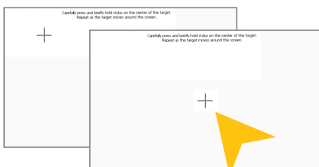
If the touchscreen function is inaccurate you can recalibrate the display. Proceed as follows:



Tap on „System“.



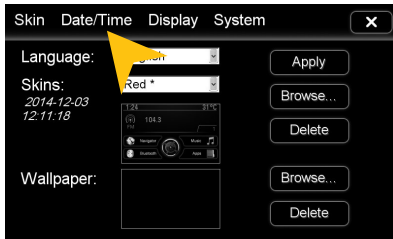
Tap on „Calibration“.



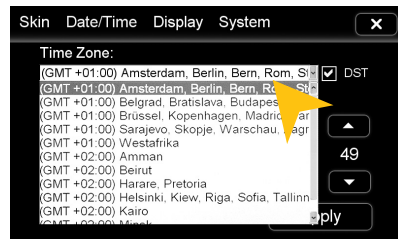
Tap with the included stylus marker on the „+“. Then the „+“ will be moved to another location, then tap again on the „+“ and repeat this process until the calibration is complete. Then confirm the calibration process.

# BASIC FUNCTIONS

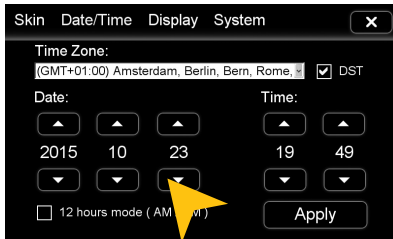
## Date/Time



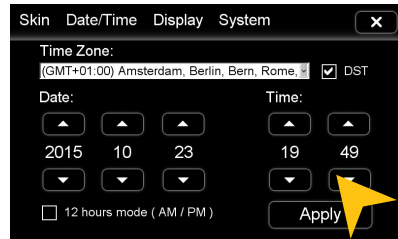
Tap on „Date/Time“.



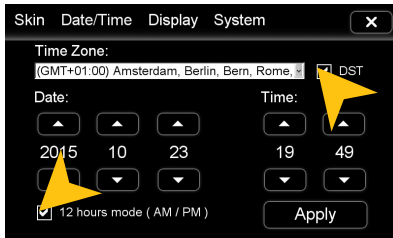
Select the desired time zone.



Set the current date.



Set the current time.



Tap on the checkbox right to set on daylight saving time.

Tap on the checkbox left to set the time format to 12-hours (AM / PM).



Tap on „Apply“.



Please operate complex settings as a driver generally only if you have parked the car, otherwise the traffic safety is endangered. Otherwise you can not react in time, to avoid occurring danger situations.

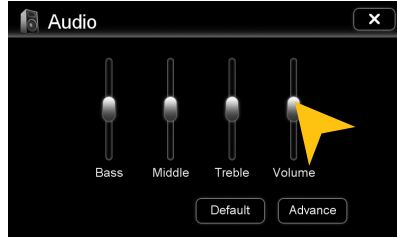
 Audio

You can open the audio settings in the main menu by tapping on „Apps“ and „Audio“.

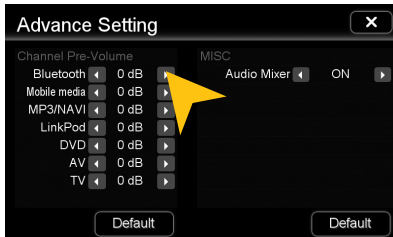
Sound control / Volume



The sound control through the buttons in the middle center console has not changed after installing the ESX device. If necessary, refer to the user's manual of the original radio.

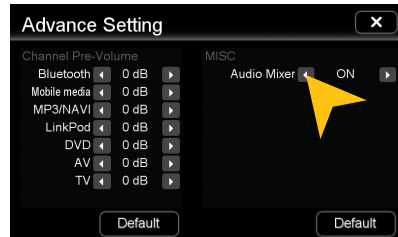


Here you can change the settings of bass/mid/treble and master volume. However, please observe that thereof only the audio sources of the ESX device (such as navigation, movies, iPod) are affected. We recommend the basic sound settings should be made directly on the original radio.



On the left under „Channel Pre-Volume“ you can set the individual volume for each application. Just tap on the arrow icons to change the value upward or downward.

**Note:** Too high audio levels can cause a distortion of the audio signal and may damage your speakers.



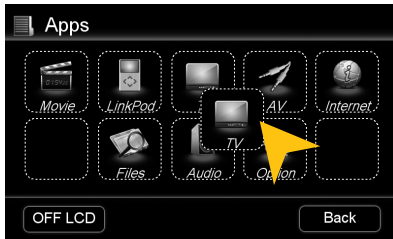
Is the „Audio Mixer“ in „ON“ position, the voice output of the navigation system is only hearable on the front speakers in „OFF“ position on all speakers. While using the Audio Player with the „ON“ position the music will be quiten down and with „OFF“ the music will be completely muted.

Tap on „Default“ to restore the respective factory preset.

# CUSTOM SETTINGS

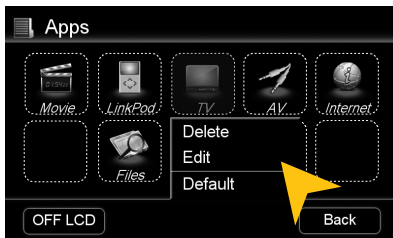
## ⚙️ Menu assignment

You have the possibility to arrange the main menu or apps menu to your liking.



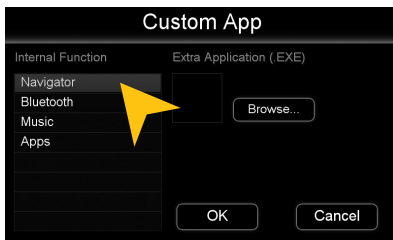
To change the position of a control panel, press and hold for 5 seconds the regarding panel in the main or apps menu until the dashed lines are visible.

Then hold and slide the control panel to the desired position within the menu.



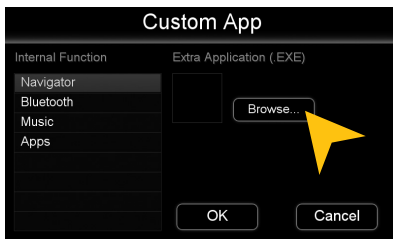
To occupy a control panel with a new function, touch the control panel for 2-5 sec. to open the edit menu. Tap on „Delete“ to remove the panel.

Tap on „Edit“ to select a new function or application or tap on „Default“ to restore the original factory settings.



To occupy a control panel with a new function, touch the control panel for 1-2 sec. to open the edit menu. Tap on „Delete“ to remove the panel.

The possible applications may vary from the picture and are dependent from the device or the car features.



You have also the possibility to link a control panel with any compatible software application (.EXE), which must be stored on the available storage locations. Tap on „Browse“ to select the desired application.

**Note:** To exit the edit menu either press „OK“ or „Cancel.“ To exit the edit mode, tap on the screen (outside of the dashed lines) and the process is complete.

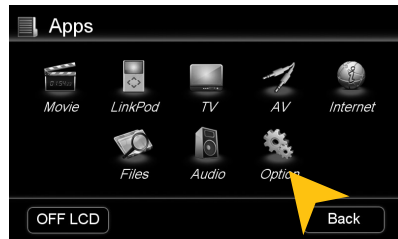


## ⚙️ Wallpaper

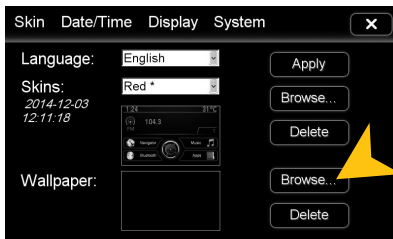
You have the possibility to customize the background image to your liking. First, copy the desired wallpaper file to the microSD card, the USB stick or on the local hard drive.



Tap on „Apps“.



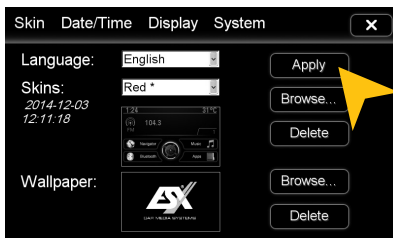
Tap on „Options“.



Tap at „Wallpaper“ on „Browse“



Select a file by double click.



Tap on „Apply“ to confirm your selection or „Delete“ below to remove the current file.



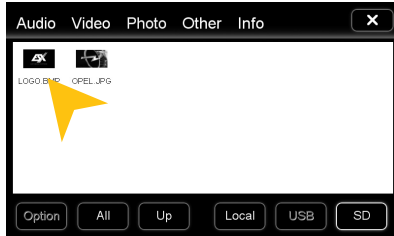
Alternatively you can set an already opened image as your wallpaper. Tap on „Options“ and select „Set as Wallpaper“.



**Under certain circumstances the opening and loading of large images or movie files may take some time to proceed.**

## ⚙️ Bootlogo

You have the possibility to customize the bootlogo (startup logo) to your liking. First, copy the desired file to the microSD card, the USB stick or on the local hard drive.



Open the desired file in the file manager by double click.



Tap on „Options“ and select „Use as Startup Logo“.

**NOTE:** In this case a MicroSD card must be inserted in the device.



Tap on „OK“ and restart the device.



## TROUBLESHOOTING

If the following troubleshooting tips do not solve the problem and the malfunction persists, please contact an authorized repair or installation service. Do not open the device or attempt to repair it by yourself. This may cause serious damages to the electronic components of the device and in your vehicle or may void the warranty of the device. Please visit our FAQ under [www.esxnavi.de](http://www.esxnavi.de), which is constantly updated.

Problems	Causes	Remedy
<b>Starting process</b> The device cannot be turned on.	<i>The ignition is off, but the device needs the so called ignition impulse.</i>	<i>Switch on the ignition.</i>
The device cannot be turned on.	<i>The fuse or a fuse in the vehicle electronics is defective.</i>	<i>Replace the blown fuse with a new fuse of the same type with the same value.</i>
<b>Display</b>		
Inaccurate or delayed input of touch-screen function.	<i>The touch-screen is not properly calibrated.</i>	<i>Calibrate the touch screen under Apps - Options - System.</i>
	<i>The device opens an application or is currently processing.</i>	<i>Wait until the process is completed.</i>
Screen is black.	<i>The display is disabled.</i>	<i>Tap on the screen.</i>
	<i>The ignition is off.</i>	<i>Switch on the ignition.</i>
The original display of the vehicle is not working.	<i>You are using the wrong software version. Note that the OEM devices CD300 and CD400 need different versions.</i>	<i>Check if you have installed the correct ESX device software. Check this via Bluetooth identifier of ESX device.</i>
	<i>The ESX device have been installed incorrectly.</i>	<i>Check the correct wiring in the vehicle - refer to the installation guide. Note that the original display must still be connected to the vehicle.</i>
<b>Sound</b>		
There is no sound via the sound system of the vehicle hearable.	<i>The connection or installation was not done correctly or one of the cables is defective.</i>	<i>Check all connections and replace a possibly damaged cable with a new one.</i>
	<i>One of the audio settings is incorrect or there is an incompatibility with the vehicle sound system.</i>	<i>Check the audio settings under Apps - Audio - Advanced. Go through all settings step by step and test the functions.</i>
The sound is distorted, overdriven or with strong noises.	<i>The equalizer settings or the volume settings of each application are set unfavorable.</i>	<i>Check the audio settings under Apps - Audio or Advanced. Correct the settings down and test if the sound gets better.</i>

Problems	Causes	Remedy
<b>CD/DVD playback</b> The DVD menu can not be opened.	<i>The disc does not support menus or is plagiarism.</i>	<i>Insert another disc.</i>
The picture quality during playback is insufficient.	<i>Brightness, contrast and color saturation are set too low.</i>	<i>Check the DVD player settings and correct them.</i>
Erroneous or disrupted playback.	<i>The disc is not loaded correctly.</i>	<i>Insert the disc again with the print side up.</i>
	<i>The disc is scratched, broken or deformed.</i>	<i>Insert another disc.</i>
	<i>The disc is not compatible with the device.</i>	<i>Insert another disc.</i>
<b>Optional connected devices (iPod™/TV-Tuner etc.)</b> The connected device is not working.	<i>The device is not properly connected or the connection cable is defective.</i>	<i>Check all connections and replace a possibly damaged cable with a new one.</i>
	<i>The devices is not compatible.</i>	<i>If necessary, make a software update or try another device.</i>
USB drive or microSD card is not recognized.	<i>Incorrect storage or data format.</i>	<i>Format the storage with the MS-DOS file system (FAT32).</i>
The factory AUX connector of the vehicle no longer works.	<i>This is not an error. The factory AUX port can no longer be used.</i>	<i>Use the AV connection (RCA) of the ESX device.</i>
<b>Internet</b> The Internet connection is not possible.	<i>No proper reception for 3G devices in the current location.</i>	<i>Continue until the 3G-Signal is available again.</i>
	<i>The SIM card is defective or installed incorrectly.</i>	<i>Check the SIM card or possibly insert a new one.</i>
	<i>The inserted SIM card is no longer active.</i>	<i>Contact your contractor of the SIM card.</i>
The Browser is not starting.	<i>No compatible surfstick is inserted or faulty software/drivers are installed.</i>	<i>Insert a compatible surfstick.</i>

## TROUBLESHOOTING

Problems	Causes	Remedy
<b>Navigation</b> The navigation application will not start.	<i>The software is not compatible with the device.</i>	<i>Check the compatibility of software with Windows CE 6, or get yourself a compatible version.</i>
	<i>The software was not installed on the device properly.</i>	<i>Check the settings under Apps - Options - System and if necessary, correct the navigation software path.</i>
	<i>The license of the installed software or the useful life has expired.</i>	<i>Contact the software supplier.</i>
	<i>The software path is not set correctly.</i>	<i>Check the path as described on page 8.</i>
The device isn't able to find your current location or the route guidance is disturbed.	<i>The included GPS antenna is not or not correctly connected.</i>	<i>Check the GPS antenna connection or get a new one in case of defect.</i>
	<i>You are in an area with weak or no GPS signal, such as in a tunnel or on a remote road.</i>	<i>Continue driving until the GPS signal is available again.</i>
The route guidance does not match with the current road or the map is wrong.	<i>The navigation software is not up to date.</i>	<i>Update the software or contact the software supplier.</i>
The navigation system does not show the shortest way.	<i>The navigation software considers many factors in determining a route, such as the condition of the roads, traffic rules, one-way streets, major roads, etc.</i>	<i>Usually the navigation software selects a route which is a good compromise and most immediate to the goal.</i>
On the displayed map is nothing to see.	<i>The display scale of the map is set too large or too small.</i>	<i>Change the ratio of the display scale, until the map is properly displayed.</i>
	<i>A brief loss of the GPS signal.</i>	<i>Continue driving until the GPS signal is available again.</i>
	<i>Faulty maps.</i>	<i>When you use the ESX iGO Software, contact the iGO Support e.g. via the „Naviextras Toolbox“</i>

Problems	Causes	Remedy
<b>Bluetooth/Phone</b> No connection or pairing of the devices.	<i>Bluetooth function of the phone is not enabled.</i>	<i>Enable Bluetooth function in the phone settings.</i>
	<i>Bluetooth enabled but the phone is not visible.</i>	<i>Enable „visible“ in the phone settings.</i>
	<i>The Bluetooth standard of the phone is not compatible.</i>	<i>Use a compatible phone.</i>
	<i>Too many Bluetooth devices are registered in the device.</i>	<i>Delete unused Bluetooth devices from the storage of the device.</i>
Bluetooth connection is too quiet	<i>The preset volume is set too low.</i>	<i>Set the preset volume under Apps - Audio - Advanced - Bluetooth on a higher value.</i>
	<i>The volume on the phone is set too low.</i>	<i>Set the volume of the phone higher.</i>
No Bluetooth audio function.	<i>The Bluetooth audio function is not enabled.</i>	<i>Enable the function in the phone settings.</i>
	<i>The Bluetooth standard of the phone is not compatible.</i>	<i>Use a compatible phone.</i>
<b>Rear camera</b>		
No transmission on the screen.	<i>The camera is not properly connected to the device.</i>	<i>Check the connections for any mistakes.</i>
	<i>The camera was installed improperly.</i>	<i>Check the installation for any mistakes.</i>
	<i>Wrong camera video format or incompatible model.</i>	<i>Replace the camera with a compatible model or refer to the owner's manual of the camera.</i>
	<i>Incorrect camera video format or incompatible model.</i>	<i>Replace the camera by a compatible model or check the manual of the camera (PAL or NTSC).</i>
<b>Multifunction steering wheel</b>		
No or faulty operation of the device.	<i>Your vehicle is not suitably prepared or a CAN bus error exists.</i>	<i>Consult a specialized dealer.</i>

### Care and Maintenance

This device is equipped with high precision and sensitive technique and should always be treated with caution. Please note the following tips to avoid endangering the warranty and extend the life of the appliance.

- Children under 12 should not operate the device. Keep the device and all accessories away from small children.
- Keep the device and its components dry. The effects of water, liquid or moisture can cause damage to the vehicle, the device itself or injury.
- Keep the device and its components away from excessive heat. High temperatures may shorten the life of appliance of the electrical components.
- Keep the device and its components away from excessive cold. Extreme temperature changes and moisture inside the device may cause the breaking of certain components.
- Do not to drop the device and avoid violent shocks or excessive shaking
- Do not use strong chemical cleaners, solvents or water to clean the device. Use a slightly moistened cotton cloth with soft surface.
- Replace a blown fuse only with a new one with the same values. However, before you replace a defective fuse, check at first what is the cause of the short circuit. Start with the power supply cable. If the fuse blows again, a malfunction consists inside the device. In this case you should contact your authorized dealer.

#### **Important note:**

In case of loss or damage to the micro SD memory card that contains the navigation software, expires the associated navigation license. In this case, a new software license must be purchased along with a new micro SD memory card.



## Legal Notice

- ESX or Audio Design GmbH are in no way affiliated with with the car manufacturer or any of its subsidiaries or affiliated companies connected to, or is acting on its behalf or with its authorization.
- All registered product names, trade marks and brands are the property of their respective owners.
- This owner's manual was made with the utmost care.
- If you need to dispose the device, be aware that no electronic devices should be deposited in the household waste. Dispose the device in an appropriate recycling facility according to the local waste regulations. Consult if necessary your local authority or dealer.
- Technical changes and errors reserved.

Due to the ongoing development of this device, it is possible that the information in this manual is incomplete or is not matching to the delivery status.

Please visit periodically **www.esxnavi.de** on the internet, to check if additional information and software updates are available.

## Customer service

In general, the assembly and installation of the device should be made by a trained and technically skilled specialists.

If you have any problems with operating the device, contact your specialist dealer or the Audio Design Service Department under Tel. **+49 7253 - 94 65 95** or by E-Mail to **navi@esxaudio.de**.

## Declaration of Conformity

### Distributor:

Audio Design Lautsprecher Vertriebs GmbH  
Am Breillingsweg 3, DE-76709 Kronau/Germany

Hereby, Audio Design GmbH declares that the ESX VN709 OP-ASTRA device is in compliance with the essential, fundamental requirements and other relevant provisions of the following directive:

### R&TTE Directive 1999/5/EG

The complete Declaration of Conformity can be found at **www.esxnavi.de/ce**







CAR MEDIA SYSTEMS



ESX Car Media Systems · Audio Design GmbH  
Am Breilingsweg 3 · D-76709 Kronau/Germany  
Tel. +49 7253 - 9465-0 · Fax +49 7253 - 946510  
[www.esxnavi.de](http://www.esxnavi.de) - [www.audiodesign.de](http://www.audiodesign.de)

©2017 All Rights Reserved