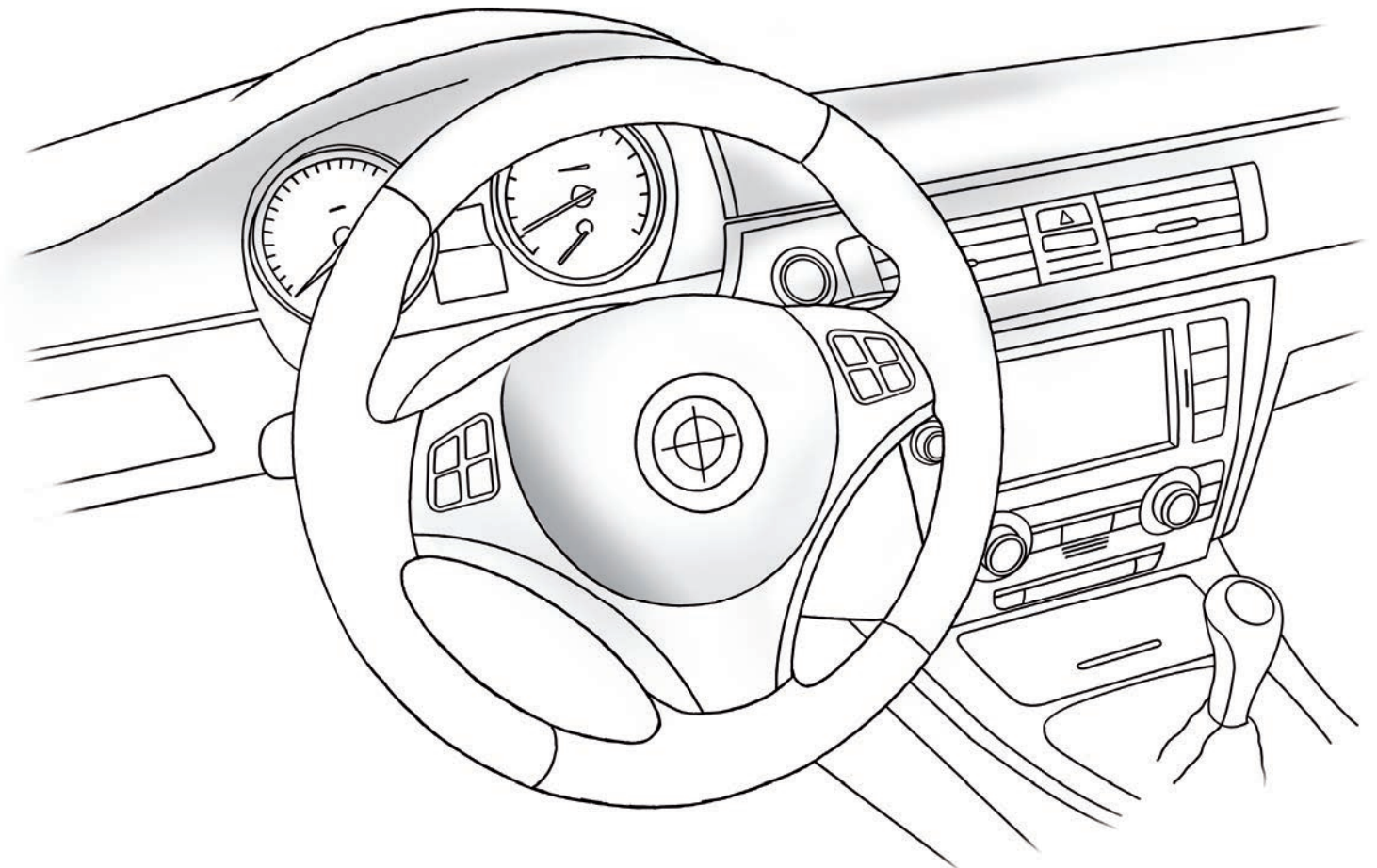




CAR SPECIFIC NAVICEIVERS

FOLLOW YOUR E>GO



You want to retrofit your car with an advanced, easy to use navigation system? You want a fully featured permanently installed multimedia navigation system that offers all the comfort functions and fits perfectly into your car? Perhaps you have actually thought about upgrading the original factory-fitted system, even if you might have to dig too deeply in your pocket to do it. Few people know this fact: many original systems were developed at the same time as the then current vehicle model and therefore cannot keep pace with the rapid innovation tempo of the in-car multimedia sector.

ZENEC – system solutions for your vehicle

Top technology and modern functionality – at ZENEC you will find a huge range of A/V systems to bring your vehicle up to the very latest standard in multimedia: from the full-feature moniceiver, through innovative 2-DIN permanently installed multimedia navigation systems to the vehicle-specific navi-ceivers of the E>GO series. Added to that are diverse navigation systems, specifically developed for use in the motor home segment, as well as a wide range of useful accessories that ideally complement any ZENEC system.

ZENEC products are convincing for their quality and enormous range of performance, but also for their sensational price/performance and ease of

use. In spite of the many features, using a ZENEC device poses no mysteries – neither when driving nor in daily use.

E>GO – a winning concept

In 2008, ZENEC brought the first E>GO model onto the market, thereby immediately establishing a new class of device: the vehicle-specific navi-ceiver. Today ZENEC is the undisputed market leader in the German speaking area for in-car multimedia – and now there are E>GOs for over 40 vehicle models. Optimal integration into the target vehicle, the immense range of functions and the ingeniously simple concept of operation – that is what makes E>GO different from many other permanently installed navigation systems. And makes it the perfect aftermarket device for your out-dated factory installed radio or a navigation system.

With innovative hard and software, and many useful additional features, the next E>GO generation is now available – a generation with which ZENEC continues to extend its position as a pioneering innovator.

Experience the unbeatable range of functions, navigation comfort, ease of use and quality. Experience the most advanced E>GOs there have ever been.



ZENEC Multimedia
Advanced Entertainment



ZENEC Bluetooth
Mobile Communication



ZENEC Navigation
Innovative Functions



E>GO Vehicle-specific
Multimedia Navigations



Motor Home Naviceivers with
Caravan Navigation Software



2-DIN Naviceivers and
Moniceiver



DVB-T and DAB+ Tuners for
Digital TV and Digital Radio



Monitor, Accessories and
Rear View Cameras



www.zenec.com

E>GO
EXCHANGE AND GO



Multimedia on the move

Experience the whole range of digital entertainment in your car! ZENEC’s navi- and moniceivers fulfill all your entertainment wishes, thereby making even the longest journeys a fascinating multimedia experience. With the state-of-the-art mobile media control units, you can play a very wide range of A/V formats and media – via CD/DVD, USB or SD/SDHC.

Made for iPod/iPhone

Enjoy your music and movie collection while you are driving by connecting your iPod or iPhone to one of the ZENEC moni- or naviceivers. With a separately attainable interface cable, you can connect both Apple devices through the USB port and control them via the fast-reacting touchscreen display. Naturally the iPod and iPhone are being charged during playback.

Note the supported Apple models for your E> GO at the ZENEC website.

Powerful radio reception

Best reception quality, a full range of RDS functions and many additional comfort features, like 30 station presets or the Best Station Memory, are offered by the integrated AM/FM radio tuner.

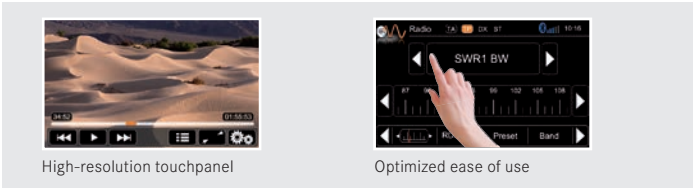
For powerful playback of all A/V formats, the ZENEC allrounders are equipped with a built-in power amplifier. If that’s not enough, the moni- and naviceivers allow to connect an external amplifier to their preamp RCA line-outs.



Media Link box
The delivery scope of the ZENEC naviceivers (except for ZE-NC526, Z-E3215, and Z-E2014M) contains the compact Media Link box with a high-speed USB 2.0 port and an A/V input (3.5 mm plug). With this compact box (with 1.5 m cable extension) to be stowed away in a convenient place like the centre console or the glove box, you can quickly connect or disconnect additional components like a USB stick, an iPod/iPhone or external MP3 player.

In-car high definition

One highlight of the ZENEC moni- and naviceivers is the high quality Wide-VGA High Definition touchpanel; its resolution of 800 x 480 pixels makes for fine image detail at a high brightness level. Video sequences seem realistic and vibrant; the 3D elements and navigation maps also look really crisp and sharp. The display has LED background lighting: a feature that is noticed in the large color gamut, the altogether very strong colors and uniform illumination of the screen –even after years of use.



In the centre – the user

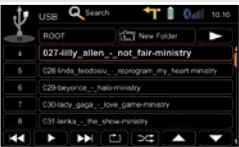
Ease of operation also achieves a new level with ZENEC’s moni- and naviceivers. The clearly structured menus of the newly designed Human Machine Interface (HMI) are self-explanatory and intuitive to use. Large control fields and a logically structured navigation ensure that the devices can also be controlled in safety via touchscreen when you are driving. The control of a ZENEC moni/naviceiver will therefore pose no puzzles, even for non-tech affine users.

Flexible system expansion

These flexible moni- and naviceivers offer numerous connection options for other external program sources, so that you can expand your multimedia system at any time – exactly as you want. The ZENEC program has a wide palette of multimedia-based additional components that are optimally suited to the ZENEC devices. All equipment – external monitors, DVB-T and DAB+ tuners or rear view cameras – can be connected directly to the moni- and naviceivers and operated via touchscreen.



Simple connection of iPod/iPhone
Connect your iPod or iPhone to any ZENEC moni- or naviceiver. The display of Apple Album Art is integrated in the iPod/iPhone menu. This menu also gives you the facility to search for a title, an album or an artist alphabetically.



Easy folder management
The folder structures of your iPod/iPhone and also of the files stored on your USB stick or SD card are completely adopted. With the E>GO models, you can scroll conveniently through the track lists with the rotary knob on the right.



All-round information
Thanks to the infobar function (except for ZE-NC526/MC296), you will be notified of incoming calls and audio features without leaving the navigation mode. In other playback modes there is a navigation infobar to keep you updated when to take the next turn/exit.



Easy parking and maneuvering
You can also easily connect a rear view camera to the ZENEC moni/naviceivers and conveniently control it via the touchscreen. The extensive range of accessories offers you a large selection of different models like vehicle-specific cameras for your car.



Bluetooth communication

ZENEC’s moni- and naviceivers are equipped with Bluetooth module from Parrot, the specialist for mobile communications – a hands-free unit, that guarantees you a wide range of functions and maximum compatibility with many mobile phone models.

With ZENEC you can make phone calls in excellent quality – either using the integrated microphone or the freely positionable, external microphone supplied with the devices. Thanks to the innovative audio DSP, unwanted ambient sounds are filtered out more efficiently, to offer improved intelligibility.

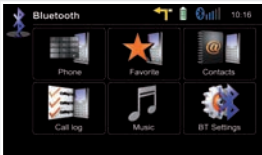
Easy to operate

ZENEC makes for very easy operation when driving. The caller’s number, phone book entries and other information are clearly shown on the display of the moni- and naviceivers. The address book of the ZENEC devices is automatically synchronized with the mobile phone as well.

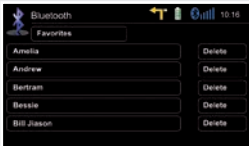
You can easily search for phone book entries – simply tap in the initial letters of the contact you want to dial. This search function is really an enormous benefit for professional use. Even special characters are no problem thanks to the multilingual keypad.

Bluetooth features (for model specifications see page 22)

- Connection of up to 5 mobile phones
- synchronization of up to 1,000 contacts with max. 5 telephone numbers per contact
- search function for contacts
- multilingual input keypad, including special characters and letters
- Quick Dial menu for up to 5 or 6 favorite contacts
- memory for dialed and received calls
- redialing
- speaker independent voice recognition (Z-E3215)
- switch between hands-free and mobile phone
- music streaming via A2DP with AVRCP
- internal and external microphone
- future-proof upgradable Bluetooth firmware



Making calls in comfort
Use the clear Bluetooth menu to comfortably control all telephone functions – a touch is all it takes to transform your car into a telecommunications center.



Quick-Dial menu
Phone numbers that you use frequently can be saved as favorites with most ZENEC naviceivers – so you have fast access to your important contacts at all times.



Easy connections
To your moni- or naviceiver you can connect up to 5 mobile phones, each having 1,000 contacts. The address book of your mobile automatically synchronizes with the ZENEC device.



No missed calls
The integrated Bluetooth system of the ZENEC devices allows broker calls so that you can conveniently switch back and forth between two active telephone calls.



Fast contact entry search
The alphabetic search function makes finding contacts a lot easier: simply tap in the initial letters. You can search using up to 15 initial letters.



Music over your mobile phone
Music stored in your mobile phone can be played back thanks to A2DP and AVRCP. The playback is comfortably controlled via the touchscreen of the respective naviceiver.



Comfortable contact management
You can search for a contact in the phonebook of the ZENEC moni- and naviceivers or in the favorites list. But you can also display the list of outgoing/incoming or missed calls.



Clear management
With ZENEC you never lose track: at a glance you can see all the connected mobile phones and manage these conveniently via the touchscreen.



High-resolution 3D maps
The high-resolution WVGA display ensures that all maps appear pin-sharp. 3D orientation points and very realistic 3D city maps make navigation in big cities even more comfortable for you.



Topographic maps
Realistic 3D landscape views lead you through complex terrains. Choose between different designs for day and night. Thanks to GPS time acquisition, the naviceivers can also automatically switch between day and night modes.



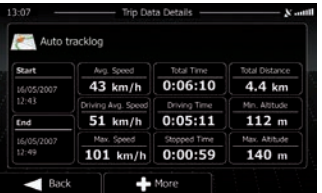
Text-to-Speech
The naviceivers also display the names of crossroads. And if you wish, they will read out the street names to you, thanks to the integrated Text-to-Speech function – in this way you can concentrate fully on the traffic.



Real Junction View
Features like the photo-realistic Real Junction View of exit points on freeways, the Lane Assistant and the Smart-zoom function at junctions and exit points facilitate orientation, particularly in complex traffic situations.



Reach Points of Interests fast
ZENEC's naviceivers are equipped with a huge Premium POI database with more than six million entries. Using the well designed search menu makes it easy to select special destinations.



Practical trip computer
Always keep track: The trip computer gives you a summary of the most important trip data, such as your average speed, your time of arrival or the real travel time to your destination.

Perfect Navigators

Accurately navigate via touchscreen: with ZENEC's naviceivers you can arrive quicker and more relaxed at the your destination in Western and Eastern Europe. Select the desired target, choose between various options of route calculations, and then you're off: your electronic co-pilot leads you without any detour to your final destination and also shows you, if desired, relevant points/POIs such as gas stations, hotels and restaurants.

Cutting-edge, fast route calculation

ZENEC's naviceivers have the latest maps of 43 European countries preloaded (with Premium POIs), which appear highly realistic, thanks to the 3D high-definition rendering of terrain and 3D objects.

ZENEC's innovative navigation software makes the destination and route selection even easier and more intuitive. The "Quick Menu" provides straight access to all sat nav functions. The "Smart" and "Eco" route calculation modes for shorter and/or more economical driving are hard to beat.

Many additional features

Features like the Real Junction View function, the Lane Assistant or the Auto Zoom at crossings and junctions facilitate orientation in more complex traffic situations. Part of the extensive feature set is the display of traffic information/guidelines when entering an EU country and the visual and audible warning to indicate speed limits on major roads.

Arrive without congestions

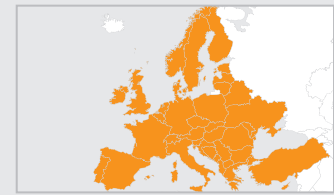
The TMC/TMC Pro function keeps you up to date regarding potential traffic jams on the chosen route, while automatic re-calculation of a suitable detour is a function covered as well. Through this you can change your route and avoid any unnecessary delays.

Off the factory the TMC service is functional and free. The TMC Pro function requires a licence (lifetime) to be separately purchased through Naviextras.

Navigation features of all ZENEC naviceivers

- Integrated 3D High Definition navigation, pre-installed map data for 43 eastern and western European countries
- 8 GB internal flash memory for navigation software – the SD/SDHC card slot stays available for A/V use
- Z-E3215: SD card based "Multisensor Dead Reckoning" navigation system (on 8 GB memory card) • Z-E2014M: SD card based navigation system (on 8 GB memory card)
- Integrated TMC and TMC Pro receiver, TMC service is functional and free, the TMC Pro function requires a license (lifetime) to be separately purchased through Naviextras (available for Germany, UK and France only)
- Graphical user interface and voice guidance in 28 different languages
- Premium POI database with more than 6 million Points of Interest
- 2D or 3D map view with auto-zoom and realistic display of 3D terrains and 3D landmarks
- Text to Speech function (TTS)
- Eco and Smart Route Planning

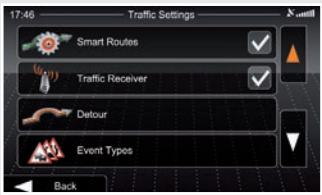
- Smart-zoom function at intersections and crossings
- Tunnel mode
- Real Junction View and highway mode with Real Signpost rendering
- Outlook address import
- "Where-Am-I" function
- Trip computer: configurable display of three additional pieces of information, with the choice of arrival time, journey time, speed, direction, height above sea level, etc.
- Display of traffic information/guidelines when entering an EU country
- Visual and audible warning to indicate speed limits on major roads
- Additional features Z-E3215/Z-E2014M: navigation splitscreen mode for all playback sources, Calculation of Real-Time Route Alternatives, Parking Around Algorithm, Detour Hint function
- 30-days Latest Map Guarantee
- Map updates via the online-portal: www.zenec.naviextras.com
- external GPS antenna included in the delivery



Navigate through Europe the clever way
Detailed maps of 43 countries in Western and Eastern Europe give you perfect orientation throughout Europe. For menu and voice navigation there are 28 different languages to choose from.



Latest Map Guarantee
ZENEC's 30-days Latest Map Guarantee: If updated maps are available within 30 days of your first use of the device, you can download them from www.zenec.naviextras.com for free and install them on your ZENEC unit.



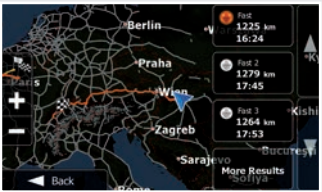
TMC/TMC Pro
The TMC or TMC Pro function gives you timely information about traffic jams on your route and possible detours. Simply choose the appropriate menu to select and show all the relevant data on the map display.



Informed in timely manner
Included in the function package is the display of advisories when crossing EU borders, together with various warning messages: information on speed limits, legal alcohol limits, duty to wear a warning waistcoat etc.



Intelligent destination input
Quickly get to your destination: To select a destination, you need to enter only a few letters – the ZENEC naviceiver completes your input and automatically proposes appropriate destinations.



Intelligent route planning
Find the perfect route: In order to optimize the route to your destination exactly as you want, you have a choice between various route calculation methods: short, fast, Eco and easy.



Where Am I? function
With ZENEC you are well prepared for all emergencies: Use the Where Am I? function to find hospitals, police stations, cash machines, filling stations and much more in your vicinity – a finger tap is all it takes.



Importing your Outlook contacts
Have you saved important contacts on your computer in MS Outlook? You can easily import these contacts directly into the navigation software of the ZENEC device by using the Naviextras Toolbox.

ZENEC – Always up-to-date!

You can update the content package of the naviceivers, expand the navi-section with additional maps, or download the newest 3-D city maps using the website www.zenec.naviextras.com anytime, even in the middle of the night or abroad with your notebook during a journey. With 8 GB of flash memory (on-board NAND) or SD card more than enough memory remains free for continuous expansion and unlimited updates of map data and 3D buildings and landscape features.

The online portal www.zenec.naviextras.com makes it easier than ever before to keep your navigation system up-to-date and individually put new features and functions together.

Download options: • Map updates • extra maps and POI databases of more than 60 countries worldwide • additional 3D places of interest and 3D terrain data • free bugfixes for the map data



www.zenec.naviextras.com



Of course, ZENEC's innovative navigation and entertainment systems don't only grow by adding additional sources, but they can keep up with the future. To make sure your multi-functional media center is also state of the art in the future, you can apply software updates via the USB port: From the main system software, the navigation and the Parrot Bluetooth software to the CAN-bus protocol of the E>GO models – ZENEC's digital entertainment centers can easily be kept up-to-date free of charge.

Software updates can be downloaded from the internet at www.zenec.com/support/

CAR SPECIFIC NAVICEIVERS



Car specific naviceiver for VW



The E>GO concept – 100 % custom-fit

The E>GO concept is a system solution without equal for realizing in-car multimedia and navigation in an ingeniously simple way: The car-specific naviceivers of the E>GO series are a perfect fit – visually and technically – in the respective target vehicles, without additional bezels, adapters and hours of installation work.

Particularly important is the perfect integration into the existing vehicle electronics: the E>GOs are easily integrated into the vehicle internal data network over the CAN bus. And as tailor-made navitainers, they are well able to deal with all the vehicle-specific challenges: connection to the steering wheel remote control, the support of visual parking aids, or the integration of multifunction or climate status displays and onboard computers – according to the vehicle model.

The the optimal integration and the great range of functions make ZENECE's permanently installed E>GO navigation systems the ideal aftermarket device to replace out-dated car radios and navigation systems. Equipped with the very latest features and technologies, an E>GO is also a top-quality alternative to high-price factory-fitted navigation systems, which are often developed at the same time as the car model.

Specific features ZE-NC2011D, ZE-NC2051D, and Z-E2014M

24-bit D/A converter
Whether you enjoy playing your songs from CDs or as MP3 tracks via an iPod, all E>GOs have a 24-bit digital/analog converter for high signal-to-noise ratios and finest resolution of digital audio formats.

FM dual tuner
Optimum radio reception: The dual tuners of the ZE-NC2011D/NC2051D are working with an FM phase diversity circuit that processes the signals of both antennas built into the vehicle.

Steering wheel remote control
These E>GOs are connected via the vehicle-specific CAN bus interface to the factory installed steering wheel remote control. All A/V sources are operated in identical fashion as with the OE radio before.

Multifunction Display
E>GO is a perfect fit: The ZE-NC2011D/NC2051D and Z-E2014M also support Multifunction Displays that are connected to the CAN bus. Displayed are turn key arrows, as well as audio infos.

Parking sensors
Data present in the CAN net for factory installed parking radar sensors is read, processed and displayed directly via the ZENECE OPS (Optical Parking System) on the touchscreen of these E>GOs.

A/C control status info
The status data of the Climatronic are displayed as a Pop-Up info on the touchscreen displays of the naviceivers ZE-NC2011D/NC2051D and Z-E2014M during adjustment of any A/C related function.

Vehicle Compatibility List ZE-NC2011D and Z-E2014M

Brand	Model	Type	Model Year	Brand	Model	Type	Model Year	Brand	Model	Type	Model Year
VW	Golf VI	MK 6	as of 2009	VW	Beetle	n.a.	as of 2011	VW	Sharan	MK2	as of 2010
	Golf V	MK 5	2003 – 2009		Caddy	2K MK3	as of 2003		Amarok	n.a.	as of 2010
	Golf VI	Cabrio	as of 2011		Tiguan	MK1	as of 11/2006		Altea	5 P	as of 2004
	Jetta	MK 5/6	as of 2005		Scirocco	MK3 13	as of 2008		Leon	1P MK2	as of 2005
	Passat	B6	2005 – 2010		Touran	Type1 / GP	2003 – 2010		Alhambra	MK2	as of 2010
	Passat	B7	as of 2010		Touran	GPII	as of 2010		Oktavia	MK2	as of 08/2008
	Passat	CC	2008 – 2012		Eos	n.a.	as of 2006		Superb	3T	as of 2008
	CC	Type 35	as of 2012		VW Polo	6 R	as of 03/2010		Yeti	n.a.	as of 2009

The physical dimensions of the OE radio have to be identical with the dimensions of the ZENECE device, to allow installation. For installation of the ZE-NC2011D, the vehicle must be fitted with a Phase Diversity antenna system.

ZE-NC2051D

Car specific naviceiver for VW T5 Multivan and T5 California

Perfect in-car integration, latest technology, an immense range of features, ease of use, and outstanding price/performance compared to OE systems – the ZE-NC2051D is a smart specialist, developed specifically for your VW T5 Multivan and California T5. Via the vehicle-specific CAN bus interface this E>GO is linked to the steering wheel remote control, the Multifunction Display (MFD+, MFD Premium), Optical Park System (OPS), and the Climatronic status control.

The built-in CD/DVD drive, USB port, iPod/iPhone connection and SD/SDHC card reader means that you can play your latest media. Via Bluetooth you can make calls wirelessly and stream music from your cell phone.

Detailed maps guide you all over Europe safely to your destination. In no time at all, routes and route changes are dynamically calculated – naturally taking into account the actual traffic situation, thanks to the integrated TMC/TMC Pro receiver.



Brand/vehicle specific features ZE-NC2011D, ZE-NC2051D, Z-E2014M

- 6.5"/16.5 cm 16:9 HD TFT-LCD touchscreen display (ZE-NC2011D, ZE-NC2051D), 6.2"/15.7 cm 16:9 HD TFT-LCD touchscreen display (Z-E2014M)
- FM dual tuner with Phase Diversity (ZE-NC2011D/2051D)
- Steering wheel remote control integration via CAN
- Multifunctional display (MFD+, MFD Premium) integration via CAN*
- Optical Park System (OPS) integration via CAN*
- Climatronic control status, integration via CAN*
- DYNAUDIO Soundsystem integration
- Key illumination: red/white selectable (ZE-NC2011D, Z-E2014M), red (ZE-NC2051D)

*Functionality only provided if feature specific CAN data present.



Brand/vehicle specific features Z-E2014M

- FM RDS tuner with DSP noise masking
- Gracenote "More Like This" for USB audio source and "one-click" generation of playlists by selection of one track
- SD card based navigation system (on 8 GB memory card)
- Splitscreen navigation mode for all playback sources
- Additional navigation features: calculation of Real-Time Route Alternatives, Parking Around Algorithm, Detour Hint function
- Separately available: accessory package Z-EACC-AV, for the connection of DVB-T/DAB+ tuner models and amplifiers
- Separately available: accessory set Z-EACC-HUB, for up to three USB 2.0 memory devices and iPod/iPhone interfaces



Vehicle Compatibility List

Brand	Model	Type	Model Year
VW	T5 Multivan	Comfortline, PanAmericana, Match, Highline, BlueMotion*, Edition25, Special, Business, Caravelle	as of 2010
	T5 California	Comfortline, Europe	as of 2010

The physical dimensions of the OE radio have to be identical with the dimensions of the ZENECE device, to allow installation. The vehicle must be fitted with a Phase Diversity antenna system.
*Depending on the vehicle configuration, the dash board shape may vary. In such cases, the general physical requirements for device fitting apply.

Z-E2014M

Car specific naviceiver for VW

E>GO technology at a sensational price/performance – with the Z-E2014M, ZENECE has brought out another naviceiver for the Golf V and Golf VI platform. This model is based on a new hardware and software platform, that once again sets new standards with a host of extra features.

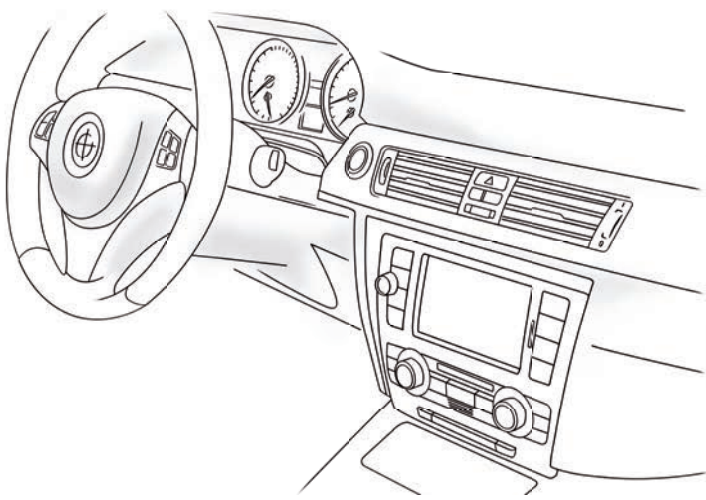
Thanks to its design, including the red/white switchable button illumination, the Z-E2014M blends in perfectly with the cockpit of your VW. It can be interfaced in a matter of seconds via the CAN bus with the VW electronics – steering wheel remote control, the Multifunction Display MFD+, Climatronic control status and the Optical Park System.

Enjoy your songs and videos via USB or iPhone/iPod: the E>GO has a USB port with 80-cm cable extension to which you can connect a USB storage medium, as well as your iPod or iPhone. Whether MP3, WMA, Xvid or AVI, the Z-E2014M is perfectly equipped for playing the most popular digital A/V formats. The integrated Gracenote "More Like This" function allows you to manage your audio files with ease.

The newly developed FM tuner with DSP guarantees you perfect radio reception, even under difficult reception conditions. In regard to hands-free calls, this VW E>GO also relies on the latest top technology from the market leader Parrot.

The Z-E2014M combines its cutting edge entertainment section with a precise, SD card based navigation system incorporating many new functions. These include the intelligent calculation of Real-Time Route Alternatives, Parking Around Algorithm, and Detour Hint function as well as the splitscreen display.

CAR SPECIFIC NAVICEIVERS



Z-E3215

Car specific naviceiver for BMW 3

TOUCH PANEL

6.2"/15.7 cm TFT LCD PANEL

FM TUNER WITH DSP

Xvid Mobile

USB HUB

GRACENOTE PLAYLIST PLUS™

PARROT BT WITH SEARCH FUNCTION

A2DP +AVRCP 1.3

BT VOICE RECOGNITION + COMMAND

Made for iPod iPhone

24 bit D/A CONVERTER

DSP HPF/LPF CROSSOVER

42 CH 4V LINE-OUT

DAY/NIGHT MODE HMI

DVB-T Ready

DAB+ Ready

REAR VIEW CAM INPUT

SECURITY CODE

FULL-EU MAP BUNDLE

NAV SPLIT SCREEN

MULTISENSOR DEAD RECKONING

BUILT-IN ATMC

8GB NAV

STALK/CAN INTERFACE INCLUDED

PARKING RADAR INTEGRATION

A/C INFO

ZENEC’s BMW navigation is based on a new, groundbreaking hardware and software platform that impresses with a wealth of additional features. Systematically future-oriented, the Z-E3215 combines all the advantages of the successful E>GO series: optimal vehicle integration, immense range of functions, ease of use and a sensational price/performance.

The Z-E3215 not only blends in perfectly with the BMW 3 series cockpit – including the connection the to steering wheel remote control, Optical Park System (OPS), Climatronic control status, and the BMW power system – but also offers you the driving pleasure and convenience that you are used to in your car.

Enjoy top quality audio and video via iPod, iPhone or USB – the Z-E3215 is an innovative media station, perfectly equipped for playing the digital media and A/V formats MP3, WMA, Xvid and AVI. ZENEC’s BMW navigation has a USB hub for connecting three USB 2.0 storage media and an iPod/iPhone interface, obtainable separately. The new integrated Gracenote “More Like This” function enables modern handling of all audio files: by preselecting an individual track, you can, for example, very easily produce style and genre based playlists.

Vehicle Compatibility List

Brand	Model	Type	Model Year
BMW	3 Limousine (incl. LCI)	E90	2005 > 2011
	3 Touring	E91	2005 > 2011
	3 Coupé	E92	2005 > 2011
	3 Convertible	E93	2005 > 2011

The Z-E3215 replaces the BMW CD Business / Professional Radio. Acoustical parking sensor integration for vehicles with OEM installed PDC is emulated by the device itself, via the internal buzzer.



Telephone safely when driving by means of the integrated hands-free system from Parrot. Using the newly implemented user-independent voice recognition, it is even easier to control call functions and “dial” phonebook contacts directly by voice command. Audio streams from the mobile phone can easily be played via A2DP and AVRCP 1.4 with impressive sound quality.

Modern entertainment features are combined in the Z-E3215 with an innovative multisensor dead reckoning navigation system. This top quality navigation enables accurate position fixing and proper route guidance at all times – even in areas where no GPS signal is available (parking blocks, tunnels, cities with skyscrapers).

Thanks to advanced TTS Pro voices (Text-to-Speech function) navigation prompts convince with their excellent voice quality.

To increase your travel comfort, the navigation section of the Z-E3215 has been further upgraded: During route planning, the Parking Around function will indicate suitable parking lots in the neighborhood of the destination. A congested junction in the city or a jam on the freeway that is not reported over the TMC? The E>GO dynamically tracks what’s going on and suggests the best alternative route in real time.

Brand/vehicle specific features Z-E3215

- 6.2"/15.7 cm 16:9 HD TFT-LCD touchscreen display
- Steering wheel remote control integration via CAN
- Optical Park System (OPS) integration via CAN*
- Climatronic control status integration via CAN*
- BMW power system integration
- Key illumination: amber

*Functionality only provided if feature specific CAN data present.

Specific features Z-E3215

FM tuner with DSP
The analog radio receiver front-end of the E>GO features a DSP software algorithm to provide noise masking for low level FM station broadcast signals and radio playback of improved clarity.

Day/night mode HMI
The Z-E3215 features specific day and night Human Machine Interfaces. This provides maximum contrast of the display for daylight conditions and does reduce glare at night.

Nav splitscreen
Always keep track: The E>GO naviceiver allows navigation splitscreen mode on the TFT LCD screen for all audio sources, including the Bluetooth hands-free source mode.

Gracenote Playlist Plus
The Gracenote “More Like This” feature stands for the “one-click” generation of style and genre based playlists in USB playback mode by pre-selecting a single song/track.

Voice recognition function
The speaker independent voice recognition function allows to control call control functions even easier and “dial” phone book contacts directly using voice commands.

ZE-NC3131D

Car specific naviceiver for AUDI A3

Optimal quality, highest flexibility as well as maximum control options – this also holds true for the ZE-NC3131D, specifically developed for AUDI A3 vehicles. Enjoy your personal DVDs or CDs, listen to the radio, control your iPod or iPhone, or call hands-free via Bluetooth: The ZE-NC3131D offers infotainment of the highest-class and navigates you safely to your desired destination.

The ZE-NC3131D is a smart specialist, technically and visually tailored to the AUDI A3 – not only with its construction and the red button illumination. Like every E>GO, the ZE- NC3131D can be installed in record time, without additional bezels or adapters. And communication with the vehicle specific electronics works perfectly. The E>GO is linked to the factory installed steering wheel remote control via the vehicle-specific CAN bus. That’s it – all A/V sources (radio, CD/DVD, MP3, USB) can be controlled as usual via the steering wheel remote control. The driver information system (FIS) is also linked to the ZE-NC3131D via the CAN bus interface. The display of audio and navigation information is then supported.

TOUCH PANEL

6.2"/15.7 cm TFT LCD PANEL

PHASE DIVERSITY FM TUNER

DVD

Xvid Mobile

USB 2.0

SD

PARROT BT WITH SEARCH FUNCTION

A2DP +AVRCP 1.3

Made for iPod iPhone

24 bit D/A CONVERTER

42 CH 4V LINE-OUT

DVB-T Ready

DAB+ Ready

REAR VIEW CAM INPUT

SECURITY CODE

FULL-EU MAP BUNDLE

BUILT-IN ATMC

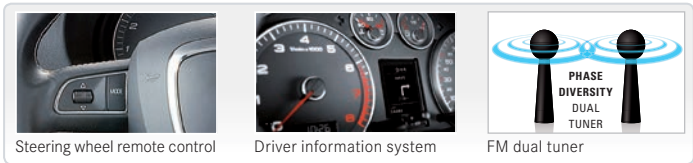
8GB ON-BOARD NAV MEMORY

STALK/CAN INTERFACE INCLUDED

DRIVER INFO DISPLAY INTEGRATION

OE ACTIVE SOUND SYSTEM INTEGRATION

E>GO EXCHANGE AND GO



Vehicle Compatibility List

Brand	Model	Type	Model Year
AUDI	A3	8P	2005 > 2012
	A3 Sportsback	8PA	08/2004 > 2012
	A3 Cabriolet	n.a.	2008 >

The physical dimensions of the OE radio have to be identical with the dimensions of the ZENEC device, to allow installation. The vehicle must be fitted with a Phase Diversity antenna system.



TOUCH PANEL

6.2"/15.7 cm TFT LCD PANEL

PHASE DIVERSITY FM TUNER

DVD

Xvid Mobile

USB 2.0

SD

PARROT BT WITH SEARCH FUNCTION

A2DP +AVRCP 1.3

Made for iPod iPhone

24 bit D/A CONVERTER

42 CH 4V LINE-OUT

DVB-T Ready

DAB+ Ready

REAR VIEW CAM INPUT

SECURITY CODE

FULL-EU MAP BUNDLE

BUILT-IN ATMC

8GB ON-BOARD NAV MEMORY

STALK/CAN INTERFACE INCLUDED

DRIVER INFO DISPLAY INTEGRATION

OE ACTIVE SOUND SYSTEM INTEGRATION

E>GO EXCHANGE AND GO

Brand/vehicle specific features ZE-NC3152

- 6.2"/15.7 cm 16:9 HD TFT-LCD touchscreen display
- FM dual tuner with Phase Diversity
- Steering wheel remote control integration via CAN
- Driver information system (FIS) integration via CAN* (audio information and turn key arrows)
- Soundsystem integration, incl. BOSE Soundsystem
- Key illumination: red

*Functionality only provided if feature specific CAN data present.



Brand/vehicle specific features ZE-NC3131D

- 6.2"/15.7 cm 16:9 HD TFT-LCD touchscreen display
- FM dual tuner with Phase Diversity
- Steering wheel remote control integration via CAN
- Driver information system (FIS) integration via CAN* (audio information and turn key arrows)
- Soundsystem integration, incl. BOSE Soundsystem
- Key illumination: red

*Functionality only provided if feature specific CAN data present.

ZE-NC3152

Car specific naviceiver for AUDI TT

Those who place high demands on precision as well as design will be travelling right with this ZENEC naviceiver – guaranteed. The ZE-NC3152 is your perfect copilot in the AUDI TT: 100 % perfect fit, expertly informed and always relaxed.

Due to its specific construction and the matching color of the button illumination, the ZE-NC3152 blends perfectly into the dashboard of your AUDI TT and integrates effortlessly with the steering wheel control and the driver information system.

In no time at all, the ZE-NC3152 will calculate the best routes for you throughout Europe, together with over 6 million Points of Interest. And thanks to the integrated text-to-speech function, it will even read out street names, if required. By means of the built-in TMC/TMC Pro receiver, actual traffic information is immediately incorporated into the route calculation.

As a complex all-in-one system, the ZE-NC3152 naturally also caters for your entertainment and communication. The high-tech device recognizes all current media and formats – CD, DVD, USB, iPod, iPhone and SD – and is equipped with a user-friendly Bluetooth system from the French hands-free system expert Parrot.

Vehicle Compatibility List

Brand	Model	Type	Model Year	Brand	Model	Type	Model Year
AUDI	TT Coupé	8J	2006 >	AUDI	TTSR Coupé	8J	2009 >
	TT Roadster		2007 >		TTSR Roadster		2009 >
	TTS Coupé		2008 >		TTSR Plus Coupé		2012 >
	TTS Roadster		2008 >		TTSR Plus Roadster		2012 >

The physical dimensions of the OE radio have to be identical with the dimensions of the ZENEC device, to allow installation. The vehicle must be fitted with a Phase Diversity antenna system.

CAR SPECIFIC NAVICEIVERS



ZE-NC5011D

Car specific naviceiver for OPEL

TOUCH PANEL

6.5"/16.5 cm TFT LCD PANEL

DVD

Xvid Mobile

USB 2.0

SD

PARROT BT WITH SEARCH FUNCTION

A2DP +AVRCP 1.3

Made for iPod iPhone

24 bit D/A CONVERTER

4.1CH 4V LINE-OUT

BUILT-IN PHANTOM 12V POWER

DVB-T Ready

DAB+ Ready

REAR VIEW CAM INPUT

SECURITY CODE

FULL-EU MAP BUNDLE

BUILT-IN TMC

8GB ON-BOARD NAV MEMORY

STALK/CAN INTERFACE INCLUDED

DRIVER INFO DISPLAY INTEGRATION

ON BOARD COMPUTER INTEGRATION

A precise fit, child’s play to operate, perfect connection to all vehicle-specific comfort functions – with the ZE-NC5011D you can easily retrofit a multimedia navigation system in your OPEL.

The E>GO integrates perfectly into diverse OPEL models, visually and technical-ly. Connection to the vehicle electronics is also accomplished in next to no time. The ZE-NC5011D is linked to the steering wheel remote control, the onboard computer and the driver information display via the vehicle-specific CAN bus interface.

The ZE-NC5011D offers close to everything that you would want on your journey in terms of entertainment and communication: an abundance of multimedia functions, Bluetooth hands-free calling and a load of connecting options for all kinds of additional components.

Brand/vehicle specific features ZE-NC5011D

- 6.5"/16.5 cm 16:9 HD TFT-LCD touchscreen display
- Steering wheel remote control integration via CAN
- BID, CID, TID and GID OE display integration via CAN
- Bord computer integration via CAN
- Key illumination: orange

With the twist of a hand you can connect DVB-T and DAB+ tuners, extra monitors, rear view cameras, or game consoles to the ZE-NC5011D. All E>GO naviceivers are designed for dual zone operation, allowing the distribution and independent playback of different sources in the front and rear sections of the vehicle. You can listen to the radio or the instructions from the navigation on the driver’s seat, whereas the backseat passengers can watch a DVD movie or play a videogame with the sound transmitted through IR headphones.

Absolute upper class is the highly precise sat nav system with a large premium POI database, to pinpoint you with full convenience to any desirable location in 43 European countries. The TMC/TMC Pro based incoming traffic bulletins inform you in good time about traffic jams and other actual obstructions on your route.

Vehicle Compatibility List

Brand	Model	Type	Model Year
OPEL	Antara	n.a.	2007 >
	Astra	H	2007 > 2010
	Corsa	D	2007 >
	Zafira	B	2007 > 2011

The physical dimensions of the OE radio have to be identical with the dimensions of the ZENEC device, to allow installation.

Specific features ZE-NC5011D

Perfect integration
The ZE-NC5011D technically and visually integrates perfectly into your OPEL, due to the front panel design that overtakes the design and style of the cockpit control panel and also implements best match button backlight night illumination color.

Steering wheel remote control integration
The ZE-NC5011D is linked to the factory installed steering wheel remote controls via the vehicle-specific CAN bus. A/V sources (radio, CD/DVD, MP3, USB, etc.) can be easily operated as usual via the steering wheel remote control.

OPEL onboard computer integration
The ZE-NC5011D also supports the OPEL onboard computer settings. For this purpose ZENEC's E>GO naviceiver has a special menu, the so called "BCS", with which the time and date can be set as with factory devices.

OPEL driver info display integration
Various factory display options are available on the driver info display – depending on the particular display (TID, GID, BID or CID). Link-ed to the E>GO via the CAN bus interface, the display of station and track information of radio/CD/USB sources etc. is supported.



ZE-NC3811D

Car specific naviceiver for FORD

TOUCH PANEL

6.5"/16.5 cm TFT LCD PANEL

DVD

Xvid Mobile

USB 2.0

SD

PARROT BT WITH SEARCH FUNCTION

A2DP +AVRCP 1.3

Made for iPod iPhone

24 bit D/A CONVERTER

4.1CH 4V LINE-OUT

BUILT-IN PHANTOM 12V POWER

DVB-T Ready

DAB+ Ready

REAR VIEW CAM INPUT

SECURITY CODE

FULL-EU MAP BUNDLE

BUILT-IN TMC

8GB ON-BOARD NAV MEMORY

STALK/CAN INTERFACE INCLUDED

A/C INFO

Brand/vehicle specific features ZE-NC3811D

- 6.5"/16.5 cm 16:9 HD TFT-LCD touchscreen display
- Steering wheel remote control integration via CAN
- A/C control status integration via CAN*
- Key illumination: red

*Functionality only provided if feature specific CAN data present.

Steering wheel remote control

A/C control status info

With its characteristic design, the ZE-NC3811D blends perfectly into the cockpit of the FORD Focus, Mondeo, S-Max and Galaxy Facelift models. Comfort func-tions, like steering wheel remote control or the climate status display, can be connected to the E>GO via the CAN bus with little effort.

The ZE-NC3811D combines the newest technology with a variety of entertain-ment and communication functions and is a comfortable, intelligent navigator. With its modern navigation features, comprehensive map coverage of the whole of Europe and ease of use, the ZE-NC3811D gets you to any destination fast and safe. Thanks to the TMC/TMC Pro receiver, current traffic reports are available at any time.

But not only this. You can enjoy music and videos from your CD, DVD, iPod, iPhone, USB stick or SD memory card, and call friends and business partners hands-free. All these functions are conveniently controlled via the large touch-screen display.

Vehicle Compatibility List			
Brand	Model	Type	Model Year
FORD	Focus	C307 (MK2)	2004 > 2010
	Mondeo	BA7 (MK4)	2006 >
	S-MAX	n.a.	2006 >
	Galaxy Facelift	MK2	2010 >

The physical dimensions of the OE radio have to be identical with the dimensions of the ZENEC device, to allow installation. An additional antenna adaptor may be required. The Converse+ Display is not supported.



ZE-NC4121D Car specific naviceiver for HYUNDAI iX35

TOUCH PANEL

7"/17.8 cm TFT LCD PANEL

DVD

Xvid Mobile

USB 2.0

SD

PARROT BT WITH SEARCH FUNCTION

A2DP +AVRCP 1.3

Made for iPod iPhone

24 bit D/A CONVERTER

4.1CH 4V LINE-OUT

BUILT-IN PHANTOM 12V POWER

DVB-T Ready

DAB+ Ready

REAR VIEW CAM INPUT

SECURITY CODE

FULL-EU MAP BUNDLE

BUILT-IN TMC

8GB ON-BOARD NAV MEMORY

STALK/CAN INTERFACE READY

Brand/vehicle specific features ZE-NC4121D

- 7"/17.8 cm 16:9 HD TFT-LCD touchscreen display
- Steering wheel remote control ready, via separate external stalk /CAN interface
- Key illumination: blue

Perfect integration

Steering wheel remote control integration



Large, heavy vehicles place unique requirements on a permanently installed navigation system. For safe navigation, not only the condition of the route, but also the specific vehicle parameters have to be included in the routing.

With three permanently installed navigation systems for the motor home sector – campers, vans or busses – ZENEC now has the perfect travel companions for long journeys: the two E>GO models ZE-NC3711 D (for FIAT Ducato) and ZE-NC4612 (for Mercedes commercial vehicles) and the naviceiver ZE-NC620DMH that plugs into the 2-DIN slot of any vehicle.

ZENEC's motor home devices have a special navigation software that is tailored to the particular requirements of your "recreational vehicle" and is easy to use despite the many additional features.

ZENEC's motor home systems allow you to choose between six vehicle profiles so that the devices are perfectly matched to your vehicle. By entering vehicle-specific data – height, width, length, weight, trailer, etc. – you can plan the route more effectively; bridge height, road width and other restrictions and hazards along the route are included in the calculation.

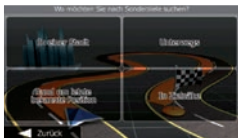
Detailed information on campsite and motor home stopover sites throughout Europe is offered in the popular CampingSchaf POI package (in German language only) – the most comprehensive register at present available.



CampingSchaf POI database



Preconfigured vehicle profile



POI search menu



Profile specifications

Motor home features

- Six preconfigured vehicle profiles for easy selection and free configuration, including truck and car profiles
- Profile specification of the target vehicle by entering height, width, length, weight, trailers, and axle load
- Routing throughout Europe based on the vehicle profile data, avoidance of physical restrictions (bridge height, road width) and route constraints due to road traffic legislation
- Additional truck profile available in the presets, including the definition of hazardous material shipments and rest breaks
- Preinstalled CampingSchaf POI database with motor home stopover sites and expanded information with Europe-wide coverage (in German language only)

ZE-NC3711D

Car specific naviceiver for FIAT Ducato

The ZE-NC3711D is a smart travel companion, designed specifically for your FIAT Ducato. Due to the customized design of the front panel, including the Multicolor key illumination, this naviceiver perfectly harmonizes with the Ducato models. The connection to an existing steering wheel remote control and the vehicle electronics is a simple undertaking. Separately available CAN/Stalk interfaces allow for perfect integration of the ZENEC device into the target vehicle.

The ZE-NC3711D guides you stress-free through 43 European countries and shows you campsite and motor home stopover sites on your route thanks to the preinstalled CampingSchaf database. Fast route calculations combined with photo-realistic 3D terrain and city views ensure a relaxing trip.

Vehicle Compatibility List

Brand	Model	Type	Model Year
FIAT	Ducato III	250/251	2006 > 2011
	Ducato III EURO 5	250/251	2011 >

The device is not compatible with vehicles that feature Blue&Me™ OE system.



Brand/vehicle specific features ZE-NC3711D

- Specific 3D High-Definition motor-caravan navigation system
- 6.2"/15.7 cm 16:9 HD TFT-LCD touchscreen display
- Steering wheel remote control ready, via separate external stalk/CAN interface
- Multicolor key illumination, including amber (FIAT)



Motor home navigation system



Steering wheel remote control



Multicolor key illumination

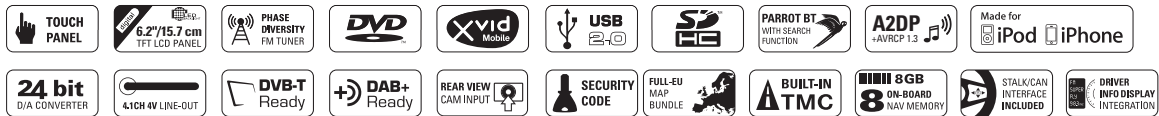
ZE-NC4612

Car specific naviceiver for Mercedes commercial vehicles

The ZE-NC4612 is a proven permanently installed navigation system that is perfectly matched from a technical and visual standpoint for integration in diverse Mercedes models and commercial vehicles. ZENEC's Mercedes specialist offers you Europe-wide navigation that is precise, fast and reliable.

The ZE-NC4612 comes with TMC/TMC Pro, a Premium POI database, 3D city/landscape views and Latest Map Guarantee. Thanks to the special navigation software, which incorporates the state of the route and vehicle parameters in the guidance, with this E>GO naviceiver you are always driving on a route that is really suitable for your vehicle.

Travel relaxed throughout Europe and enjoy the sophisticated ZENEC multimedia features with CD, DVD, USB, SD or iPod/iPhone. The integrated hands-free system, which communicates perfectly with your smart phone, allows you to make telephone calls in comfort at any time.



Vehicle Compatibility List

Brand	Model	Type	Model Year
MERCEDES-BENZ	Sprinter II	W906	2006 >
	Viano	W639	2006 >
	Vito	W639	2006 >

The physical shape of the preinstalled headunit must be of the same shape as the ZENEC device. The vehicle must be fitted with a Phase Diversity antenna system.

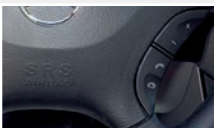
Brand/vehicle specific features ZE-NC4612

- Specific 3D High-Definition motor-caravan navigation system
- 6.2"/15.7 cm 16:9 HD TFT-LCD touchscreen display
- FM dual tuner with Phase Diversity
- Steering wheel remote control integration via CAN
- Multifunction driver info display integration via CAN*
- Key illumination: amber

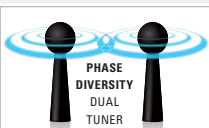
*Functionality only provided if feature specific CAN data present. MOST based OE active sound systems (Harman Kardon and Bang & Olufsen) are not supported.



Motor home navigation system



Steering wheel remote control



FM dual tuner

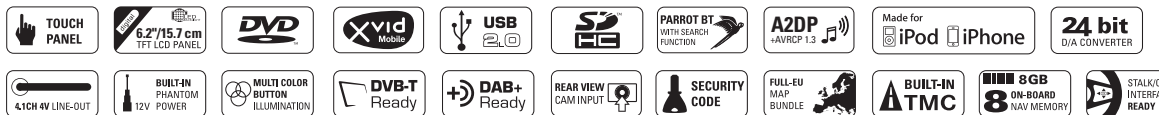
ZE-NC620DMH

2-DIN Naviceiver

Focused, flexible and expertly informed, the ZE-NC620DMH shows you the way, no matter where you are travelling. ZENEC's 2 DIN motor home naviceiver uses the technology and configuration of the ZE-NC620D and combines it with a special navigation software that is tailored for the particular requirements of recreational vehicles (RVs). No matter whether you are using it as a "normal" car navigation solution, using it in a motor home, truck or in combination with a caravan, the ZE-NC620DMH is a perfect copilot that will find the best route for your specific vehicle reliably and safely.

For the multimedia part, this naviceiver is perfectly equipped as usual. Integrated CD/DVD drive, a USB port, iPod/iPhone connection, and an SD/SDHC card reader provide for your entertainment. DVB-T and DAB+ tuners, but also rear view cameras and external monitors can be easily connected to the naviceiver and controlled via the high-resolution touchscreen display.

The Bluetooth suite of the ZE-NC620DMH comes from Parrot, guarantor for comfortable call handling. Thanks to the innovative audio DSP, road noise is effectively filtered out leading to unsurpassed voice intelligibility.



Brand/vehicle specific features ZE-NC620DMH

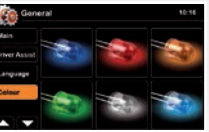
- Specific 3D High-Definition motor-caravan navigation system
- 6.2"/15.7 cm 16:9 HD TFT-LCD touchscreen display
- Steering wheel remote control ready, via separate external stalk/CAN interface
- Multicolor key illumination



Motor home navigation system



Steering wheel remote control



Multicolor key illumination

2-DIN NAVICEIVER



ZE-NC620D

2-DIN Naviceiver



Enjoy the whole range of digital entertainment and navigate unerringly through-out Western and Eastern Europe – ZENEC’s top naviceiver gives you the ultimate in audio, video, information and communication features and combines them with an innovative navigation system. The ZE-NC620D integrates perfectly into the 2-DIN slot of your car’s center console and creates optical accents with its elegant design.

Multimedia on the move

Functionality de luxe is what the ZE-NC620D also stands for: With the built-in CD/DVD drive, the USB port and SD/SDHC card reader, you can enjoy top-class entertainment: crisp, sharp videos and vibrant sound.

Using an interface cable available separately, you can connect your iPod and iPhone easily to the ZENEC naviceiver and control it via the fast reacting touch-screen display.

Also impressive is the integrated hands-free system from Parrot, which communicates perfectly with your smart phone and leaves you stress-free to make and receive calls when driving. For users who prefer music from their mobile phone, A2DP with AVRCP 1.3 is also supported.

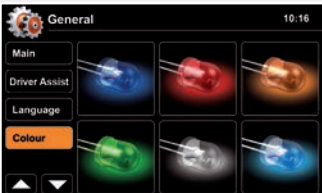
Brand/vehicle specific features ZE-NC620D

- 6.2"/15.7 cm 16:9 HD TFT-LCD touchscreen display
- Steering wheel remote control ready, via separate external stalk/CAN interface
- Multicolor key illumination

Specific features ZE-NC620D



Steering wheel remote control integration
With a CAN/stalk adapter obtainable as an optional extra, the naviceiver ZE-NC620D can be interfaced to a factory installed steering wheel remote control, where applicable.



Multicolor key illumination
The multicolor key illumination enables harmonization with the cockpit lighting of the most common car models. There is a choice of six colors.



High-resolution 3D maps
The high-resolution WVGA display of the ZE-NC620D ensures that all maps appear pin-sharp. 3D orientation points and very realistic 3D city maps make navigation in big cities even more comfortable.



Rear-view cameras
The ZENEC product range includes many diverse additional components perfectly matched to each other. For example, ZENEC rear view cameras that replace the original license plate illumination unit of the vehicle and add a high-resolution camera. These cameras are easy to install and are triggered automatically when the reverse gear is engaged.

2-DIN NAVICEIVER AND MONICEIVER

ZE-NC526

2-DIN Naviceiver

This ZENEC 2-DIN naviceiver is built for modern users: all those who no longer want to play music or videos from CDs or DVDs, but prefer to carry their entertainment material around on USB sticks, SD card or iPod/iPhone. Consequently, the ZE-NC526 has no CD/DVD drive but concentrates exclusively on the play-back of digital media. Audio and video formats, such as MP3, WMA, AAC, JPG, Xvid or AVI are played by ZENEC’s innovative digital media station simply via USB, an SD card or from Apple’s iPod/iPhone.

The ZE-NC526 is equipped with an SD/SDHC card reader and two independent USB ports (at the front and rear of the device) to which you can connect your iPhone/iPod. In addition, there is a high quality hands-free system from Parrot, which communicates with modern smart phones and which you can conveniently control from the high resolution digital HD WVGA touchscreen display.

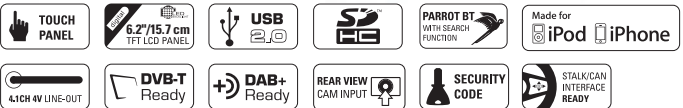
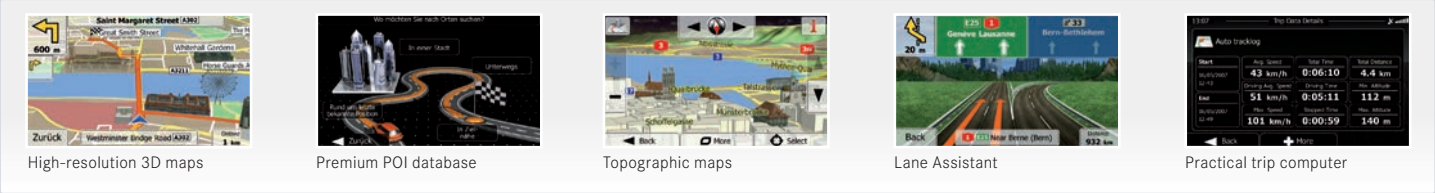
The ample number of A/V connections – for example, the ZE-NC526 also has a 4.1 preamp output – enables the connection of further components. External monitors, DVB-T or DAB+ tuners or a rear view camera can be connected directly to the naviceiver and controlled via the fast reaction, high-resolution digital wide VGA touchscreen display.



ZE-NC526: The latest in navigation

Stay relaxed while travelling through any of 43 European countries, purposefully bypass all those traffic queues and concentrate on the traffic thanks to Text-to-Speech – with its many nav functions, this ZENEC permanently installed navigation system is certainly your ideal route finder.

The detailed 3D HD rendering of terrain, points of interest and buildings shows the environment as it really is – three dimensional – and helps orientation, especially in big cities. Thanks to realistic displays of freeway interchanges and exits, lane changing and leaving the freeway become even simpler.



Brand/vehicle specific features ZE-NC526 and ZE-MC296

- 6.2"/15.7 cm 16:9 HD TFT-LCD touchscreen display
- Steering wheel remote control ready, via separate external stalk/CAN interface
- 2 x USB port (front + rear)
- Key illumination: red/white



Front USB port



Steering wheel remote control integration

ZE-MC296

2-DIN Moniceiver

This 2-DIN moniceiver is a true multi-tasking device that is perfectly equipped for playing digital media: MP3, WMA, through to the widespread Xvid video format for AVI files. The ZE-MC296 has two separate USB ports (front and rear) and an SD/SDHC card reader for directly playing music, videos, audio books and photos.

The card slot is easily accessible at the front of the device and can be used for SD and SDHC cards with a storage capacity of up to 16 GB. Using an interface cable, available separately, you can easily connect an iPod/iPhone to the rear USB port and control it from the touchscreen.

The ZE-MC296 is equipped with a high-tech Bluetooth module from Parrot – a hands-free unit, that guarantees you a wide range of functions and maximum compatibility with many mobile phone models. With ZENEC’s moniceiver you can make phone calls in excellent quality – either using the integrated microphone or the external microphone supplied with the device. The alphabetic search function makes finding a contact lot easier: simply tap in the initial letters. The address book of your mobile automatically synchronizes with the ZENEC device.

DAB+ /DVB-T TUNERS

Ever wanted to tune to DAB+ stations with an existing multimedia system? ZENEC's DAB+ tuner is a handy little black box for interference-free digital radio reception, offering perfect sound quality. The ZE-DAB60 can receive not only the new DAB+ format channels, but also all of the existing DAB channels.

With cleanly designed multilingual OSD menus and a logical user interface, operating the ZE-DAB60 is simple and intuitive. ZENEC's DAB+ tuner has a USB port and an A/V output. In addition to automatic channel scan and a capacity of 300 presets, the ZE-DAB60 also supports the Dynamic Label Segments (DLS) displays and slideshows – digital information such as song title, artist or station name – that are broadcasted by most DAB radio stations.

The highly sensitive DAB+ antenna, contained in the set, is not only extremely compact, it will also win you over with its ease of mounting and excellent signal quality.

ZE-DAB60, ZE-DVBT60HD, and ZE-DVBT40 are developed for the ZENEC moni- and naviceivers, including the E>GO models, offering touchscreen compatible operation of all functions. The ZE-DVBT50 is specifically designed for the vehicle-specific E>GO systems from which it can be comfortably controlled via touchscreen. With their separate IR sensor and remote control, ZE-DVBT60HD and ZE-DVBT50 can also be used with moniceivers or naviceivers from other manufacturers that come with an appropriate RCA A/V input. For the standalone operation of ZE-DAB60 with moniceivers or naviceivers from other manufacturers the accessory kit N-ZEDAB60-ACC is required.

ZE-DVBT60HD
2-CH Diversity DVB-T Tuner



- 2-CH antenna-diversity system
- Touchscreen compatible with ZENEC navi- and moniceiver models
- MPEG-4 video decoder/H.264 media player
- Integrated digital video recorder
- Common Interface (CI slot), USB 2.0 port, HDMI port for external displays
- 2 x A/V In, 1 x A/V Out, 2 x Video Out
- Multilingual OSD-menu, AFS function with automatic channel tracking, automatic channel scan, teletext, electronic program guide (EPG), subtitles
- 250 TV and 150 radio station presets
- IR-remote control, separate IR-remote sensor with extension cord, and active DVB-T antennas contained in the set

ZE-DVBT40
Compact 2-CH Diversity DVB-T Tuner



- 2-CH antenna-diversity system
- Touchscreen compatible with ZENEC navi- and moniceiver models
- MPEG-II video decoder
- Multilingual OSD-menu
- AFS function with automatic channel tracking
- Manual and automatic channel scan
- 300 TV station presets
- Electronic program guide (EPG)
- Teletext
- Subtitles
- Active DVB-T antennas contained in the set

ZE-DAB60
DAB+ Tuner



- Touchscreen compatible with ZENEC navi- and moniceiver models
- Receivable frequency range band III (174,928 – 239,200 MHz)
- OSD user interface with multilanguage support
- Automatic channel scan
- 300 station preset
- DLS radio text (DLS) and Slideshow compatible
- USB port
- 1 x A/V Out
- High gain antenna contained in the set
- Available separately: accessory kit N-ZEDAB60-ACC, required for standalone operation of ZE-DAB60 with moni- or naviceivers from other manufacturers. Set content: A/V interface, IR-remote control, separate IR-remote sensor with extension wire

This unit is very compact and does keep a low profile in a glove compartment or on a center console. A 1.5 m cable is included as an accessory; a 5 m cable (N-ZEDVBT50-DIN) is separately available.

Interference-free television reception in high definition in the car – ZENEC's State-of-the-art DVB-T tuner makes no compromises as far as value, features and operating comfort are concerned. Designed as a 2-channel antenna diversity model, it enables excellent reception and ensures a constantly stable picture and sound quality – even at high speeds.

Among the very latest features of the ZE-DVBT60HD is the integrated MPEG-4 decoder that makes it possible to receive efficiently compressed programs throughout Europe. But that's not all. The ZE-DVBT60HD also has a CI slot that supports CAM modules and smart cards of all the standard encryption systems.

The ZE-DVBT60HD has an integrated digital video recorder for easy recording of television programs. The recordings are then saved on the connected USB stick. In addition, there is an HDMI port for the attachment of external displays or TV sets.



ZE-DVBT50
2-CH Diversity DVB-T Tuner



- 2-CH antenna-diversity system
- Touchscreen compatible with ZENEC E>GO naviceiver models
- PAL/NTSC compatible with MPEG-II video decoder
- 24-bit audio D/A converter
- 400 TV station presets
- 1 x Cinch A/V Out
- Multilingual OSD-menu
- AFS function with automatic channel tracking, manual and automatic channel scan, teletext, subtitles, electronic program guide (EPG)
- IR-remote control, separate IR-remote sensor with extension cord, and active DVB-T antennas contained in the set

MONITOR



The versatile Z-R1030 overhead player ensures the entertainment in the rear of the car. Passengers on the back seats can watch a DVD movie over the monitor with IR headphones or play videogames, while you are comfortably navigating through a town or listen to your favorite CD. ZENEC's high resolution monitor provides an excellent cinema like experience: sharp and contrast-rich pictures – on the road in each vehicle. The Z-R1030 is easy to mount on the vehicle's ceiling and can be combined with any external source or control device having an RCA A/V output – moniceiver, naviceiver, external player, DVB-T tuner or game console.

Z-R1030

Roof Mount Monitor with CD/DVD Drive

With this versatile, high resolution LCD roof mount monitor, your rear seat passengers will certainly not get bored! The Z-R1030 is a roof mount monitor with integrated CD/DVD player and two USB ports, making it perfectly equipped for playing the most popular media and A/V formats: DVD, CD, MP3, WMA, AVI, and Xvid. With its built-in SD/MMC card reader, ZENEC's allround overhead player is also well set up for using a wide range of flash memory data storage devices.

The high resolution 25.9 cm/10.2" 16:9 TFT LCD active matrix color display delivers pin sharp, high contrast, brilliant pictures. As the display can be directed upward or downward, the viewing angle can be adjusted to the particular mount and seat position, and the requirements of the backseat passengers.

The CD/DVD drive, the SD/MMC card reader, and one of the two USB ports are easily accessible on the outside of the device; the second USB port is housed on the top in a small fold out compartment that can also be used for storage. There are two RCA A/V inputs at the rear of the device for the connection of external sources, for example a digital camera or PlayStation. For the connection of further monitors, an additional A/V output is provided.



This compact overhead monitor can be totally controlled from the rear bench seat. Menu navigation is on-screen, via touch sensors directly at the device, or via the remote control supplied. The built-in infrared transmitter sends the sound to the wireless infrared headphones (available as an optional extra).

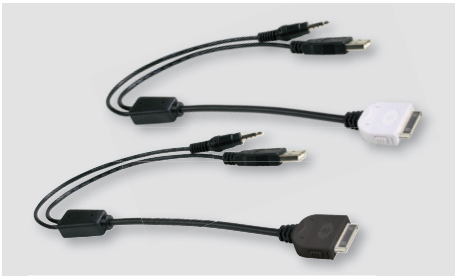
- 25.9 cm/10.2" 16:9 TFT-LCD active matrix display with 800 x 480 pixels panel resolution and anti-glare coating
- Large viewing angle, left/right > 65° / top > 45° / down > 55°
- Operation via touch sensors and on-screen menu guidance
- Slot-in CD/DVD loader compatible with CD-DA, CD-RW, CD-R, CD-ROM(XA), DVD-ROM, DVD±R, DVD±RW, MP3, WMA, AVI, Xvid (DVD region code 2)
- Slot port for SD/MMC cards compatible with MP3, WMA, AVI, Xvid
- 2 x USB 2.0 port (external up to 32 GB, internal up to 16 GB), compatible with MP3, WMA, AVI, Xvid
- Integrated Dolby Digital decoder
- Multi-norm video system with NTSC & PAL source signal auto switching
- Integrated IR-transmitter for operation of wireless headphones
- Integrated LED dome lights
- 2 x A/V RCA In, 1 x A/V RCA Out
- IR-remote control

ACCESSORIES



ZE-TV-DVBA1
Active DVB-T Gluing Antenna

Very compact DVB-T active antenna: 5 V phantom power via external DVB-T tuner, reception range: VHF-H 170 - 230 MHz/UHF 470 - 860 MHz, current consumption 5 V, 35 mA max., operating temperature: -30°C up to +80°C, gain factor (@ 5V) 20 dB



ZE-NC-IPF/IPS
iPod/iPhone Adapter

You can connect your iPod and your iPhone to any ZENEC navi- or moniceiver – all you need is a matching interface cable. ZENEC's interface cables enable high-speed A/V data transfer, keeping your iPod or iPhone charged during playback.



ZE-HP4
Infrared Headphone

This wireless infrared headphone is light and pleasant to wear. It is battery operated and controlled via an infrared sensor. The speaker volume is conveniently controlled directly from the headphone and automatically switches off when no signal is present.

REAR VIEW CAMERAS



Safe on the road.



Vehicle Specific Rear View Cameras

Car specific camera models from the E>GO range, suitable for retrofitting rear view camera functionality: The compact wide angle rear view cameras allow you to simply exchange the factory installed license-plate illumination module with a rear view camera. ZENEC's E>GO cameras use the same lamps for license plate illumination as the target vehicle.

The high resolution, high-quality CMOS-sensor delivers clear and highly resolved pictures, 170° viewing angle guarantees best overview behind the vehicle.

Due to the specific design to match with the construction of numerous European and Asian vehicle types (up-to-date lists can be viewed at www.zenec.com), a quick mounting is guaranteed.

ZE-RCE2006
Rear view camera for VW

ZE-RCE2001B
Rear view camera for VW

ZE-RCE2003
Rear view camera for VW Golf VI

ZE-RCE3102
Rear view camera for AUDI

ZE-RCE3201
Rear view camera for BMW

ZE-RCE3801
Rear view camera for FORD

ZE-RCE3802
Rear view camera for FORD

ZE-RCE4101
Rear view camera for HYUNDAI

ZE-RCE4601
Rear view camera for MERCEDES

ZE-RCE5001
Rear view camera for OPEL

ZE-RCE5601
Rear view camera for SKODA

ZE-RCE6202
Rear view camera for VOLVO

Camera	Vehicle model	Type
ZE-RCE 2001 B	VW	Golf V, Tiguan, etc.
ZE-RCE 2003		Polo V, Golf VI
ZE-RCE 2004		Golf V (1K), Polo IV (9N), EOS
ZE-RCE 2005		Passat
ZE-RCE 2006		Sharan II
ZE-RCE 3102	AUDI	A3
ZE-RCE 3201	BMW	n.a.
ZE-RCE 3501	CITROEN	C5
ZE-RCE 3801	FORD	Mondeo (BA7), Focus II Facelift (C307), Kuga, S-Max
ZE-RCE 3802		Mondeo (01), Focus (C170), C-Max
ZE-RCE 4001	HONDA	CRV III
ZE-RCE 4002		Civic VIII

ZE-RCE 4101	HYUNDAI	Santa Fe
ZE-RCE 4102		iX35
ZE-RCE 4301	KIA	Sportage
ZE-RCE 4501	MAZDA	6
ZE-RCE 4601	MERCEDES	C-Class (W204), E-Class (W212)
ZE-RCE 4602		B-200
ZE-RCE 4901	NISSAN	Quashqai
ZE-RCE 5001	OPEL	Vectra C, Astra H, Corsa D, Meriva A, Zafira B
ZE-RCE 5101	PEUGEOT	207, 307, 206
ZE-RCE 5601B	SKODA	Octavia II
ZE-RCE 6101	TOYOTA	RAV4
ZE-RCE 6102		Yaris (XP9)
ZE-RCE 6202	VOLVO	S80 (AS), XC90

Pictures of all camera models and other information are available at www.zenec.com.

Universal Rear View Cameras

These compact, very light-sensitive color rear view cameras are a useful addition from the ZENEC multimedia accessory program. The cameras allow to be connected to all ZENEC moni/naviceivers and monitors, as well as to devices from other brands.



ZE-RVC30MT

These mounting type models are – thanks to their flexible integrated mounting bracket – applicable for those instances, where a “fit-through” camera assembly is neither possible nor wanted. For the installation of these cameras only small pilot holes need to be drilled into the bumper of the car.



ZE-RVC40MkII

ZE-RVC80MT

The ZE-RVC80MT uses a sensor with the latest CMOS technology that is very light sensitive, has extremely low noise levels and a wide operating temperature range. The wide angle objective and the large 140° horizontal field of view gives optimal visibility to the rear. The praxis oriented mini housing is rather unobtrusive and offers a relatively universal mounting location.



The swivel camera head is mounted vertically in the dust and splash-proof die-cast aluminum housing. The field of view can therefore be optimally adapted to the installation heights of different models of car and tailored perfectly to the individual requirements of drivers.

ZE-RVC60MT

This flexible camera model makes use of the latest CCIQ-II sensor technology – significantly more light sensitive and very frugal in power consumption. The ZE-RVC60MT impresses with its high image resolution and a very wide viewing angle. The result is clear, sharp images, even in low or extremely poor light conditions.



This 'micro' camera can be mounted unobtrusively almost anywhere – on the license plate holder or even underneath the trunk handle strip.

ZE-RVC90MT

With the ZE-RVC90MT, ZENEC has an extremely compact backup camera in its product range. Its universal installation options and the outstanding image quality are convincing. Designed as a ball-type, the ZE-RVC90MT is shipped with special installation adapters and can therefore easily be fitted on almost any vehicle.



Mounting adapters ZE-RVC90 MT

Licence-plate Camera

Probably the easiest solution, to retrofit a rear view camera: Simply exchange the EU license plate frame on your vehicle. With the ZE-RVC50LP the camera module and all necessary electronics are fully integrated into the license plate frame. This license plate camera is compatible with most EU license plates, mounting could not be more straightforward either. Because of a very high light-sensitivity, the ZE-RVC50LP will give you an excellent view – also under bad lighting conditions and even during night time. The high resolution and the large horizontal viewing angle provide a quick overview of the situation behind the vehicle.



ZE-RVC50LP

8,4 mm · 1/3" CCD color camera

The ZE-RVC50LP can also be mounted 180° inverted (with camera pointing downwards) and is therefore a match for all current vehicles, including SUVs.

Rear View Cameras for Vans and Motor Homes

These ZENEC rear view cameras are designed especially for use in the motor home segment – recreational vehicles, caravans, vans and trailers – and impress with their innovative design and practical equipment for professional use. High quality materials in conjunction with the clever construction guarantee high weather resistance and a long service life.



ZE-RCE4605

ZE-RCE4605 is a special camera for pick-up trucks, motor homes and vans. The CCD camera sensor and nine night vision IR LEDs ensure that you have clear visibility around the clock with this camera. The changeover between day and night modes is automatic and controlled via a light sensor.



This camera is designed especially for mounting on the roof of a van or panel truck. The camera module can swivel in its housing bearings.

ZE-RVSC70

The ZE-RVSC70 features a CCD camera sensor that can capture images in very low light situations. Excellent visibility, even in absolute darkness, is ensured by 18 powerful night vision IR LEDs that illuminate the area to the rear of the vehicle. The built-in microphone rounds off this practical camera device.



Motorized protective cover: When engaging the reverse gear, the flap opens automatically and closes again after being deactivated.

ZE-RVSC60

The compact, high resolution backup camera is equipped with a high quality CCD camera sensor. Four night vision IR LEDs, which illuminate the area to the rear of the vehicle, ensure excellent vision, even in the dark. The ZE-RVSC60 has an integrated watertight microphone so that you can also hear what is going on to the rear of the vehicle.



Technical data	ZE-RVC30MT	ZE-RVC40MkII	ZE-RVC60MT	ZE-RVC80MT	ZE-RVC90MT	ZE-RVSC60	ZE-RVSC70	ZE-RVC50LP	ZE-RCE4605	E>GO ZE-RCE*
Light Sensitivity	1 lux	0.5 lux	0.6 lux	0.6 lux	0.5 lux	0.5 lux	0 lux (IR LEDs)	0,5 Lux	0 lux (IR LEDs)	0.3 lux
Horizontal viewing angle	120°	120°	120°	140°	115°	115°	110°	170°	110°	170°
Resolution	333,000 pixels	290,000 pixels	316,224 pixels	316'224 pixels	316,224 pixels	348,160 pixels	250,920 pixels	365,496 pixels	250,920 pixels	251,904 pixels

* The technical data are identical for all car-specific rear view camera models (E>GO ZE-RCE2001 to ZE-RCE6202).

Overview Features and Functions

	ZE-NC2011D	ZE-NC2051D	Z-E2014M	Z-E3215	ZE-NC3152	ZE-NC3131D	ZE-NC4121D	ZE-NC5011D	ZE-NC3811D	ZE-NC3711D	ZE-NC4612	ZE-NC620DMH	ZE-NC620D	ZE-NC526	ZE-MC296
Device type	E>G0	E>G0	E>G0	E>G0	E>G0	E>G0	E>G0	E>G0	E>G0	E>G0 MH	E>G0 MH	2-DIN MH	2-DIN	2-DIN	2-DIN
LCD TFT PANEL															
Display size	16.5 cm/6.5"	16.5 cm/6.5"	15.7 cm/6.2"	15.7 cm/6.2"	15.7 cm/6.2"	15.7 cm/6.2"	17.8 cm/7"	16.5 cm/6.5"	16.5 cm/6.5"	15.7 cm/6.2"	15.7 cm/6.2"	15.7 cm/6.2"	15.7 cm/6.2"	15.7 cm/6.2"	15.7 cm/6.2"
Touchpanel	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Resolution (RGB)	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480	800 x 480
NAVIGATION															
3D-HD Full EU (43 countries)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	–
8 GB on-board flash memory for nav data	•	•	–	–	•	•	•	•	•	•	•	•	•	–	–
8 GB SD / microSD memory for nav data	–	–	•	•	–	–	–	–	–	–	–	–	–	•	–
TTS	•	•	–	–	•	•	•	•	•	•	–	•	•	•	–
TTS Pro	–	–	–	•	–	–	–	–	–	•	–	–	–	–	–
TMC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	–
Multisensor Dead Reckoning	–	–	–	•	–	–	–	–	–	–	–	–	–	–	–
BLUETOOTH															
Parrot Bluetooth module	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Bluetooth microphone internal/external	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•
Phone book import	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Phone book search function	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BT Voice Recognition	–	–	–	•	–	–	–	–	–	–	–	–	–	–	–
RADIO															
Frequency band	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM
UKW tuner front end	Ph. Diversity	Ph. Diversity	Single DSP	Single DSP	Ph. Diversity	Ph. Diversity	Single	Single	Single	Single	Ph. Diversity	Single	Single	Single	Single
Preset stations	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW	18 FM/12 AW
RDS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AUDIO / VIDEO / PLAYBACK															
Max. power output	4 x 50 W	4 x 50 W	4 x 40 W	4 x 40 W	4 x 50 W	4 x 50 W	4 x 50 W	4 x 50 W	4 x 50 W	4 x 50 W	4 x 50 W	4 x 50 W	4 x 50 W	4 x 40 W	4 x 40 W
24 Bit DAC	•	•	•	•	•	•	•	•	•	•	•	•	•	–	–
Dolby Digital / Pro Logic 2	•/–	•/–	–/–	–/–	•/–	•/–	•/–	•/–	•/–	•/–	•/–	•/–	•/–	•/•	•/•
3/5-band equalizer	•/–	•/–	–/•	–/•	•/–	•/–	•/–	•/–	•/–	•/–	•/–	•/–	•/–	•/–	•/–
Sub Line-Out (variable)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12 dB LP filter for sub	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Electronic x-over HP/LP	–	–	•	•	–	–	–	–	–	–	–	–	–	–	–
CD-DA/CD-R/CD-RW	•/•/•	•/•/•	–	–	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	–	–
DVD/DVD±R/RW	•/•	•/•	–	–	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	–	–
Made for iPod/iPhone	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•
USB / Media Link box	–/•	–/•	•/–	–	–/•	–/•	–/•	–/•	–/•	–/•	–/•	–/•	–/•	•/–	•/–
USB-Hub (3 x USB)	–	–	optional	•	–	–	–	–	–	–	–	–	–	–	–
SD/SDHC card reader	•	–	–	–	•	•	•	•	•	•	•	•	•	•	•
microSD/SDHC card reader	–	•	–	–	–	–	–	–	–	–	–	–	–	–	–
MP3/DVD-MP3/WMA	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•
Xvid	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gracenote MLT	–	–	•	•	–	–	–	–	–	–	–	–	–	–	–
A/V CONNECTIONS															
Preamp line outputs	4.1	4.1	4.1	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
2-CH M-Zone Line Out	•	•	–	–	•	•	•	•	•	•	•	•	•	•	•
Video Out (NTSC)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Video In	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Video In (RVC)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
A/V-In	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
VEHICLE INTEGRATION															
Steering wheel remote control/CAN connection	•/•	•/•	•/•	•/•	•/•	•/•	•/-	•/•	•/•	(optional adapter)	•/•	(optional adapter)	(optional adapter)	(optional adapter)	(optional adapter)
Driver info display	•	•	•	–	•	•	–	•	–	–	•	–	–	–	–
Optical parking system	•	•	•	•	–	–	–	–	–	–	–	–	–	–	–
Climatronic	•	•	•	•	–	–	–	•	–	–	–	–	–	–	–
OTHER															
Key illumination	(VW) red/white	(VW) red	(VW) red/white	(BMW) amber	(AUDI TT) red	(AUDI) red	(HYUNDAI) blue	(OPEL) orange	(FORD) red	(FIAT) Multicolor	(MERCEDES) amber	Multicolor	Multicolor	red/white	red/white
IR remote control front/rear	•/•	•/•	•/-	•/-	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/-	•/-
M-Zone	•	•	–	–	•	•	•	•	•	•	•	•	•	•	•
Theft protection (code)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Testreports

ZE-NC2011D	ZE-NC5011D	ZE-NC620D	ZE-NC526	ZE-MC296
<div><div></div><div>BEST PRODUCT</div><div>Spitzenklasse</div><div>CAR & HIFI 6/2012</div></div>	<div><div></div><div>BEST PRODUCT</div><div>Spitzenklasse 800 - 1.200 €</div><div>CAR & HIFI 6/2011</div></div>	<div><div></div><div>BEST PRODUCT</div><div>Spitzenklasse 800 - 1.200 €</div><div>CAR & HIFI 4/2011</div></div>	<div><div></div><div>BEST PRODUCT</div><div>Spitzenklasse 800 - 1.200 €</div><div>CAR & HIFI 2/2012</div></div>	<div><div></div><div>PREISTIPP</div><div>Oberklasse 250 - 500 €</div><div>CAR & HIFI 2/2012</div></div>

Detailed information and further test results can be found at <http://www.zenec.com/de/testberichte/>

GLOSSARY

TOUCH PANEL



The functions of the device can be controlled directly via the touch-sensitive touchscreen TFT LCD panel.

SCREEN RESOLUTION 6.2"/15.7 CM



Describes the screen diagonal in inches/centimeters. The TFT panel has a resolution of 800 x 480 pixels and features LED backlight illumination. A uniform panel illumination, high panel brightness and highest life span of the product are assured.

SCREEN RESOLUTION 6.5"/16.5 CM



Describes the screen diagonal in inches/centimeters. The TFT panel has a resolution of 800 x 480 pixels and features LED backlight illumination. A uniform panel illumination, high panel brightness and highest life span of the product are assured.

SCREEN RESOLUTION 7"/17.8 CM



Describes the screen diagonal in inches/centimeters. The TFT panel has a resolution of 800 x 480 pixels and features LED backlight illumination. A uniform panel illumination, high panel brightness and highest life span of the product are assured.

SCREEN RESOLUTION 10.2"/25.9 CM



Describes the screen diagonal in inches/centimeters. The TFT panel has a resolution of 800 x 480 pixels and features LED backlight illumination. A uniform panel illumination, high panel brightness and highest life span of the product are assured.

PHASE DIVERSITY FM TUNER



The device features a Phase Diversity FM dual tuner for vehicles that are OE equipped with a twin antenna system.

FM TUNER WITH DSP



The analog radio receiver front-end of the device features a DSP software algorithm to provide noise masking for low level FM station broadcast signals and radio playback of improved clarity.

DVD



The devices features a CD/DVD loader.

XVID



Xvid is the container format of choice. Over 90% of present-day AVI files are encoded with Xvid.

USB



The device features a USB port 2.0; all hardware compliant to this USB standard is supported.

USB HUB



The device comes with a USB extension wire on its backside, allowing to connect the USB 2.0 hub blackbox contained in the set. The USB hub allows to connect three USB 2.0 storage devices and a ZE-NC-IPS interface for iPod/iPhone.

GRACENOTE PLAYLIST PLUS™



The Gracenote "More Like This" feature stands for the "one-click" generation of style and genre based playlists in USB playback mode by pre-selecting a single song/track. In addition, the normalization function based on the Playlist Plus database fills in info showing up around title/artist/album in USB playback.

SD/SDHC



The device can play SD cards up to 2 GB and SDHC cards from 2 to 16/32 GB.

microSD/SDHC



The device can play micro SD cards up to 2 GB and SDHC cards from 2 to 16/32 GB.

PARROT BLUETOOTH TECHNOLOGY



The device deploys a Bluetooth module from the market leader Parrot. The integrated voice guidance and in particular the DSP based echo and noise cancelling provide most convenient hands-free calling with highest speech intelligibility.

A2DP + AVRCP 1.3



The device supports A2DP audio streaming and allows stereo audio playback via Bluetooth. The protocol supports AVRCP 1.3, i.e the functions play, stop and track skip forward/backward.

A2DP + AVRCP 1.4



The device supports A2DP audio streaming and allows stereo audio playback via Bluetooth. The protocol supports AVRCP 1.4, i.e the functions play, stop, track skip forward/backward as well as the display of metadata such as title and artist info.

BT VOICE RECOGNITION + COMMAND



Voice Recognition/Voice Command is a TTS-based user-independent voice recognition to control call features in the Bluetooth menu, e.g. dialing of phonebook contacts via voice command. Voice commands are available for 8 different languages (DE, UK, FR, IT, ES, NL, TR, RU).

MADE FOR IPOD/IPHONE



You can connect an iPod/iPhone to the device. The playback of the iPod/iPhone can be directly controlled through the touchscreen of the device (optional interface cable required).

24 BIT D/A CONVERTER



The device features a 24 Bit Digital-to-Analog-Converter for best signal noise ratio and high resolution playback of digital audio files.

DSP HPF/LPF CROSSOVER



The device features an internal DSP with active crossover functions, processing both the pre-amp line-level signals and the speaker outputs (internal amplifier), with selectable high-pass and low-pass frequencies and 12 dB/oct. crossover slopes. This function provides for best integration of active subwoofers in both passive or active system configurations.

4.1 LINE-OUT



Describes the number of pre-amplifier outputs and the maximum output voltage.

4.2 LINE-OUT



Describes the number of pre-amplifier outputs and the maximum output voltage.

12 V PHANTOM POWER SUPPLY



The device features a switchable built-in 12 V antenna phantom power supply for active antenna systems.

MULTICOLOR



The key illumination color of the device can be chosen from a set of preselected colors.

DAY/NIGHT MODE HMI



The device features a built in light sensor with ambient light sensor logic controlling the switching of day and night HMIs. This provides maximum contrast of the display for daylight conditions and does reduce glare at night.

DVB-T READY



The device can be combined with a separately available ZENEC DAB-T tuner, featuring full touchscreen compatibility.

DAB+ READY



The device can be combined with a separately available ZENEC DAB+ tuner, featuring full touchscreen compatibility.

REAR VIEW CAM INPUT



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For the compatibility and potential limitations of external devices to be used in conjunction with a ZENEC device of your choice, i.e. Smartphones and/or iPod/iPhone models, please visit www.zenec.com for up to date info.

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