

OPTIONAL NAVIGATION SOFTWARE PACKAGES FOR Z-N966

With the optionally available microSDHC nav cards Z-EMAP66-PC3, Z-EMAP66-MH3 or Z-EMAP66-MH7*, the Z-N966 device becomes a full-function naviceiver.

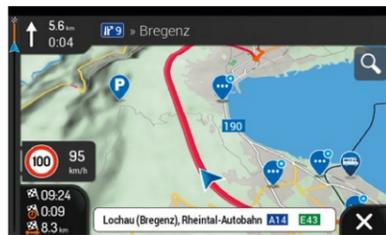
NAVIGATION FOR PASSENGER CARS: Z-EMAP66-PC3

- 3D software with coverage of 47 countries: Western and Eastern Europe, Great Britain, Turkey, Ukraine, Belarus and Russia (on 16 GB microSDHC card)
- European Premium POI package with over 6.5 million special destinations
- Realistic 3D rendering of terrain, landmarks, city centers and highway exits
- Dead Reckoning navigation for precise route guidance without GNSS signal (tunnels, underpasses, parking decks etc.)
- Navi Splitscreen for audio sources showing street names and house numbers and turn-by-turn info with distance to next turn
- Lane assistance, Tunnel mode, 3D auto-zoom for crossings and roundabouts, intelligent alternative route calculation, etc.
- TTS voice guidance
- TMC receiver, TPEG traffic service data via DAB + (country-specific coverage, free service only)
- 3 years map update subscription

NAVIGATION FOR MOTORHOMES: Z-EMAP66-MH3 & Z-EMAP66-MH7

- 3D motor caravan navigation software with coverage of 47 countries: Western and Eastern Europe, Great Britain, Turkey, Ukraine, Belarus and Russia (on 16 GB microSDHC card)
- Pre-configured motor caravan profiles with additional input of height, width, length, weight and trailer data
- Camping POI package with approx. 20,000 camp site locations and motor-home stop over sites in Europe (multilingual: in DE/EN/NL/IT/FR)
- European Premium POI package with over 6.5 million special destinations
- Realistic 3D rendering of terrain, landmarks, city centers and highway exits
- Dead Reckoning navigation for precise route guidance without GNSS signal (tunnels, underpasses, parking decks etc.)
- Navi Splitscreen for audio sources showing street names and house numbers and turn-by-turn info with distance to next turn
- Lane assistance, Tunnel mode, 3D auto-zoom for crossings and roundabouts, intelligent alternative route calculation, etc.
- TTS voice guidance
- TMC receiver, TPEG traffic service data via DAB + (country-specific coverage, free service only)
- 3 years map update subscription (Z-EMAP66-MH3), 7 years map update subscription (Z-EMAP66-MH7)

*1 The navigation bundles Z-EMAP66-PC3, Z-EMAP66-MH3 and Z-EMAP66-MH7 are not part of the set content of the Z-N966 device.



Detailed 3D maps



3D zoom function



Navi split screen mode



TMC / TPEG



Preconfigured vehicle profiles (MH versions)



Camping P.O.I. package (MH versions)



Z-N966

9"/22.9 cm Infotainer with HD Display

PRIME Series



9" / 22,9 CM INFOTAINER WITH HD DISPLAY



The Z-N966 of the ZENEC PRIME series is a top-class **DAB+ infotainer** for vehicles with 2-DIN mounting slot. The **capacitive, touch-sensitive 9"/22.9 cm TFT HD screen** with glass surface provides high-definition (1280 x 720 p) for finely resolved, crisp images.

The Z-N966 provides for an easy and totally safe smartphone use in the car. The USB(1) port lets you dock your phone directly to the infotainer – the Z-N966 is **Apple CarPlay** and **Google Android Auto™** certified. Making phone calls, use Google or Apple maps to find a destination, play music and send or receive messages is true mobile convenience where the choice is yours: control and operate apps either via device touchscreen or with Apple Siri or Google's voice assistants.

The Z-N966 includes a **DAB+ twin-tuner system** giving you the full range of the digital broadcasting standard, including various comfort functionalities such as dynamic station list, MOT slideshow, DLS-text, as well as DAB<->FM/DAB<->DAB Service-Following.

The up-to-date **4.1 Bluetooth module** features comfortable hands-free functions with optimized operation and high quality.

The Z-N966 allows the connection of up to **three rear-view cameras** and also convinces with its sophisticated audio features. A **DSP chip with 5-channel time alignment** allows optimization of sound travel times for each speaker, providing for best center stage imaging on either the driver or passenger seat. The respective delay can be set as distance in centimeters or as time in milliseconds. With the **graphical 10-band equalizer** you can manually optimize the sound to correct for particularities of your vehicle or simply to suit personal preferences. An **active crossover** with high and low pass filters completes the impressive audio feature list.

The Z-N966 supports the playback of the latest audio and video formats of USB memory devices connected via **USB 2.0 port**. The USB(1) port does charge Apple and Android smartphone batteries with up to 1,000 mA charging current.

The Z-N966 can send audio signals to external Bluetooth headphones or active speakers via **A2DP**, so you can enjoy your music collection outside of your vehicle.

GPS navigation function for the Z-N966: Three navigation software packages are available to extend the infotainer purposefully. With the Z-EMAP66-PC3 package (3 years map care subscription) the Z-N966 becomes fit for passenger cars. Z-EMAP66-MH3 (3 years map care subscription) and Z-EMAP66-MH7 (7 years map care subscription) are nav-packages conceived for motorhome vehicles – featuring a wealth of dedicated functions to ease driving in large vehicles.

VEHICLE COMPATIBILITY

The Z-N966 device fits into vehicles offering a 2-DIN mounting slot for vehicle-specific radio panels or 2-DIN mounting kits. Notes on dimensions and suitable mounting panel types can be found on the ZENEC homepage, at the Z-N966 device model under the "Vehicle Compatibility" tab.

A detailed list of device features and extended compatibility information as well as pictures of Z-N966 mounted in various vehicles can be found on www.zenec.com under 'Technical Specifications' / 'Vehicle Compatibility' / 'Product Images'.



Universal infotainer

The Z-N966 is designed for vehicles with a 2-DIN mounting slot. The 9 inch display does ideally fit in most car models. There will be no overlap with safety-related elements etc. Big displays simplify operation and offer a "pleasing" view experience. The multicolor sensor-field illumination provides color match with nearly every cockpit.



Capacitive 22.9 cm/9" HD screen

The capacitive 22.9 cm/9" HD LCD TFT touchscreen display with glass panel gives you accurate control with just a light touch. The HD TFT LCD screen convinces with its high resolution (1280 x 720 pixels), high brightness and best contrast range for brilliant video playback.



Bluetooth hands-free module

Hands-free calling with phonebook synchronization and search function for entries by first name and surname. The easy to edit favorites menu with speed calling is optimized for driving comfort, and offers echo canceling and other DSP filters for best speech intelligibility.



Smartphone app for audio functions

Using the smartphone ZENEC SP-REM app for Android and iOS smartphones, you can conveniently control the audio playback functions of the Z-N966 directly from your smartphone. The app remote displays audio meta-data such as track info, station names and VOL level.



Subwoofer audio setup menu

Passive subwoofers driven by a power amp or active subwoofers can be integrated into a system concept, using the Subwoofer Setup Menu. A low pass filter with 12 dB/oct. acts on the subwoofer RCA line-out (OFF, 65 Hz, 80 Hz, 100 Hz, 125 Hz, 160 Hz), adjustable gain from -6 dB to +6dB and switchable phase (0°/180°) round-out the adjustment options.



Google Android Auto™

The Z-N966 is Google Android Auto certified. With GAA you are able to access compatible apps and online services of your Android smartphone in your vehicle and operate them intuitively with the display of your ZENEC device or the voice assistant from Google.



High-sensitivity DAB+ tuner

The integrated DAB+ twin tuner with MOT Slideshow, dynamic station list, DLS text and DAB<->FM/DAB<->DAB Service-Following stands for clear and stable digital radio reception. The dynamic background scan keeps the radio station list permanently up-to-date.



A2DP SRC mode for BT speaker

In the A2DP source mode the Z-N966 can transmit the audio signal to external Bluetooth speakers or headphones. A Bluetooth antenna at the rear of the device optimizes the transmission path for speakers located outside the vehicle.



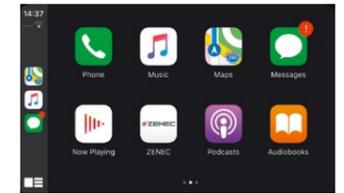
Time alignment by DSP

The Z-N966 has a 4.2 channel time alignment function with individually adjustable channels, to optimize the spatial image on the driver's seat. The distance to the loudspeaker can be set as a distance in cm or as sound travel time in milliseconds.



10-band graphic equalizer

With the 10-band graphic equalizer you can manually tune the sound exactly to the characteristics of your vehicle, or to your personal preferences. You can also select a predefined EQ profile from a list of available options.



Apple CarPlay

Apple CarPlay is a smarter, safer and more entertaining way to use an iPhone in the car. With CarPlay, you can make phone calls, navigate, listen to music, and access messages with Siri voice control.



FM RDS tuner

The radio receiver of the Z-N966 has an FM RDS tuner with integrated DSP that ensures a better, clearer sound quality when FM station signals are rather weak, thanks to interference noise masking. The radio stations can be stored in 18 station presets.



Connection of up to three cameras

The Z-N966 allows the connection of a total of three camera systems incl. switched power supply for each of them and reverse gear triggered audio input for the cam microphone. The cams can be manually controlled via touchscreen or the cam hard key button. You have the option of displaying configurable grid lines for better estimation of the distance.



Active crossover for front + rear speakers

For the connection of external power amplifiers via RCA line-outs and for the front and rear speakers driven by the device internal amp: An active high pass filter with 12 dB/oct. (OFF / 50 Hz / 65 Hz / 80 Hz / 100 Hz / 125 Hz / 160 Hz) provides for a clean transition to the subwoofer or removes bass frequencies from the main speakers.



State of the art media compatibility

The Z-N966 supports playback from all the media files widely used today: MP3, M4A, FLAC, AAC (MP4A), WAV, AVI, MP4, H.264, MKV 1080p, MPEG1/2/3, MPEG2/TS, MPG, WMV, XVID.