
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 navigation receiver.

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 motorhome 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)

* 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.
The 9”/22.9 CM INFOTAINER WITH HD DISPLAY

The Z-N966 of the ZENEQ 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 display with glass surface provides high-definition images (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 USB1 port on the device lets you lock 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 massages is true mobile convenience where the choice is yours: control and operate apps either via device touchscreen or with the Apple Siri or Google’s voice assistants.

The Z-N966 includes a DAB+ twin system with you the full range of the digital broadcasting standard, including various comfort functions 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 sound performance. 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 a separate time alignment allows optimization of sound travel time 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 USB1 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-EMAP6-PC3 package (3 years map care subscription) the Z-N966 becomes fit for passenger cars. Z-EMAP6-MH3 (3 years map care subscription) and Z-EMAP6-MH7 (7 years map care subscription) are nav-packages conceived for motorhome vehicles – featuring a wealth of dedicated functions to ease driving in such 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 ZENEQ 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.zeneq.com under "Technical Specifications" / "Vehicle Compatibility" / "Product Images".

FEATURE HIGHLIGHTS

Universal infotainer
The Z-N966 is designed for vehicles with a 2-DIN mounting slot. The 9" screen display offers the best display in most car models. There will be no need to worry about quality-related elements etc. 8G displays simplify operation and offer a "pleasing" view experience. The 22.9 cm HD display provides color match with nearly every cockpit.

Captive 22.9 cm/9” HD screen
The capacitive 22.3 cm/9” LCD TFT touchscreen display with glass panel gives you accurate control with just a light touch. The HD TFT LCD screen combines with its high resolution (1280 x 720 pixels), high brightness and best contrast range for brilliant video playback.

Bluetooth hands-free module
The combined 2D sound setup with Qualcomm® voice activation and search function for entries by first name and surname. The device is set to allow seamless navigation on any suitable device to be optimized for driving comfort, and offers echo cancelling and other DSP filters for best speech intelligibility.

Smartphone app for audio functions
Using the smartphone ZENEQ 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 displays all audio metadata such as track info, station names and VOL level.

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 distance in cm or sound travel time in milliseconds.

Subwoofer audio setup menu
Parallel subwoofers can be by a speaker area or active subwoofers. The Z-N966 can be integrated into a system concept, using the Subwoofer setup menu. A few box filter with 12 dB/oct. act on the subwoofer RCA line-out (320 / 65 Hz, 100 Hz, 125 Hz, 150 Hz, 200 Hz, adjustable gain from -8 dB to +8 dB and switchable phase (0° / 180°) rounded the setup options.

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.

FM RDS tuner
The radio receiver of the Z-N966 has an FM RDS tuner with integrated DSP that ensure a better, clearer sound quality when FM stations 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 was designed to connect up to a total of external systems, which can include an audio input for each of the three reverse gear triggered audio inputs for the cameras. The camera can be manually navigated via touchscreen or the cameras are better. 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 shown by the device internal amp. An active cross over filter with 12 dB/oct. act / 30 Hz / 65 Hz / 100 Hz / 150 Hz / 250 Hz / 160 Hz provides for a clean transition to the subwoofer or minimum base frequencies from the rear speakers.

State of the art media compatibility
The Z-N966 supports playback from all the media files widely used today: MP3, AAC, FLAC, APE (BAAP), WAV, AIFF, WMA, Ogg, MP3, MXF, M2TS, MPEGS1/2/3, MPEGS2/7, MPEG, WMA, XVID.