

Zenec Z-N965: Adjustable Large Format Display with DIN Housing

9-inch Monitor in DIN Format

Universal for all vehicles with 1-DIN radio

HIGHLIGHT
Top-Class
CAR & HiFi 2/2021

ZENEC

► In issue 6/2020 we tested the 2-DIN infotainer Zenec Z-N966. Now a version of the Z-N965 is also available for cars with a single DIN slot.

Like its sister model Z-N966, the N965 also has a capacitive touchscreen in the ultra large 9-in format (22.9 cm). This sits in front of the chassis in the standard DIN format and can be adjusted both for height and tilt so as to achieve the optimal position in many vehicles. Unlike the somewhat more expensive N966, the N965 does not have HD resolution (1280 x 720 pixels). However, with 1024 x 600 pixels it is not far off and also delivers sharp, crisp images.

Optional navigation packages

As for the N966 the Zenec Z-N965 also comes out of the factory without navigation software. But it does have the hardware necessary for naviga-

tion. Three different navigation packages are optionally available as an accessory. The in-car sat nav package Z-EMAP66-PC3 (139 euros) includes 3D maps for 47 European countries, clear route guidance with lane assist, tunnel mode, intersection zoom, as well as traffic information via TMC (FM) and TPEG (DAB). Map updates are included for the first three years. Camping versions Z-EMAP66-MH3 (199 euros) and -MH7 (299 euros) are available specially for motorhomes. In addition, they offer vehicle profiles for entering height, length, weight etc. and include a very comprehensive package with camping-points of interest together with detailed information. The MH3 gives you free map updates for three

years, and the MH7 a whole seven years.

Android Auto and CarPlay

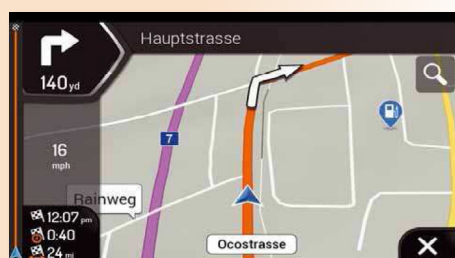
Those who do not want to buy a navigation package, can also make use of the Z-N965 for navigation thanks to its support for Android Auto and Apple CarPlay. For this you only need to connect an appropriate iPhone or Android mobile phone to one of the two USB ports at the rear. If Apple CarPlay or Android Auto is installed, then the relevant app starts automatically and is displayed on the large display of the Zenec device from where it can be controlled. You can download both CarPlay and Android Auto free of charge from the corresponding app store. They have a clear, simplified user interface that makes them optimal for use during driving. They provide access to a range of important phone functions, such as telephony, navigation, media player and messenger services. Control is easy and smooth from the touchscreen of the Z-N965 or, thanks to Apple Siri or Google Assistant, even more comfortably by voice input.

Bluetooth

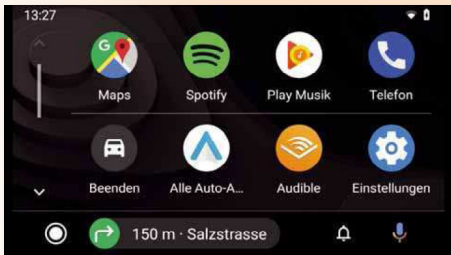
Connecting to the phone via Bluetooth turns the Z-N965 into a comfortable hands-free system. You can speak over



3D terrain rendering of the optional navigation software



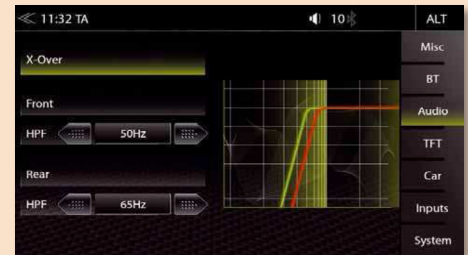
Clear route guidance



Spotify can also be used with the Zenec



Crystal clear reception with DAB+



Attractive graphical presentation of the audio menus

the internal or external microphone as required. Music can be streamed wirelessly from the phone or tablet to the Zenec.

Two conventional remote controls are also included in the package. Otherwise, the ease of use is smooth and intuitive via the very responsive touchscreen, as with all Zenec devices. The menus are clear and well arranged, and all buttons are large enough to be hit reliably while driving. The illumination color of the sensor fields below the display can be variably adjusted so that the Z-N965 integrates perfectly into the cockpit ambience of a diverse range of vehicles.

DAB+ twin tuner

Beside traditional FM broadcast the Z-N965 is also capable of receiving DAB+ digital radio. With the twin tuner it can deliver crystal clear reception of digital radio stations, and with DAB<->DAB Service-Following, MOT Slideshow, DLS Text and dynamic station list via background scan it offers all the associated comfort functions.

The remaining features can only be described as complete. For example, there is the option to connect up to three cameras. For the Cam1 input there is even an audio input available for a microphone triggered on engaging reverse gear. For better estimation of distances, grid lines can be displayed.



The position of the display is variable

DSP and multizone

The audio features of the Z-N965 satisfy every possible requirement. The Expert mode allows numerous sound parameters to be set. In addition to a 10-band equalizer, crossovers and subwoofer control, the time alignment particularly stands out. This allows, among other things, optimization of staging and the dynamic response of the sound system.

Summary

The Zenec Z-965 is a great multimedia car radio. Its clever design enables the enjoyment of full infotainment on a generous 9-in screen in cars with a standard DIN slot.

Technical data

Amplifier output / W	15
Output Voltage / V	5,4
Output impedance / ohms	675
USB	
THD+N (%)	0,009
SNR (A)	88
Tuner	
THD+N (%)	0,041
Signal/Noise Ratio (A)	58
Crosstalk (dB)	45
Monitor size (cm)	22,9
Touchscreen	•
Dual Zone	•
Dolby Digital / Pro Logic decoder	-
param./graph. EQ-bands	- / 10
Crossover	HP / LP
Time alignment	•
Pre-outs	6
AV-in / AV-out	• / •
Digital-out	-
Connectors camera / navigation	2 / -
USB front / rear	- / 2
iPod control	•
Bluetooth HFP/A2DP	• / •
Other	CarPlay / Android Auto

The Zenec Z-N965 fits here:

In cars with a DIN slot. For many other models installation and connector adapters are available as accessories. A check should be made that no safety-related elements of the vehicle (hazard warning flasher switch, airbag etc.) are obscured by the front of the Z-N965.



Zenec Z-N965

Distributor	ACR, Bad Zurzach, Schweiz
Hotline	acr-info@acr.eu
Internet	www.zenec.com

▶ Sound quality	20 %	1,2	■■■■■
Bass	4 %	1,5	■■■■■
Neutrality	4 %	1,0	■■■■■
Transparency	4 %	1,0	■■■■■
Soundstaging	4 %	1,5	■■■■■
Dynamics	4 %	1,0	■■■■■

▶ Picture quality	20 %	1,2	■■■■■
Sharpness	3,3 %	1,0	■■■■■
Brightness	3,3 %	1,5	■■■■■
Contrast	3,3 %	1,0	■■■■■
Color rendering	3,3 %	1,0	■■■■■
Viewing angle	3,3 %	1,0	■■■■■
Reflection	3,3 %	1,5	■■■■■

▶ Lab	15 %	1,2	■■■■■
• USB	7,5 %	1,3	■■■■■
Distortion	3,75 %	1,0	■■■■■
Signal/Noise Ratio	3,75 %	1,5	■■■■■
• Tuner	7,5 %	1,1	■■■■■
Frequency response	1,88 %	1,5	■■■■■
Crosstalk	1,88 %	1,0	■■■■■
Distortion	1,88 %	0,5	■■■■■
Signal/Noise Ratio	1,88 %	1,5	■■■■■

▶ Practice	45 %	1,0	■■■■■
Operation	10 %	1,0	■■■■■
Features	20 %	1,0	■■■■■
Reception test	10 %	1,0	■■■■■
Workmanship	5 %	1,0	■■■■■

Summary

Price	approx. 380 Euro		
Sound quality	20 %	1,2	■■■■■
Picture quality	20 %	1,2	■■■■■
Lab	15 %	1,1	■■■■■
Practice	45 %	1+	■■■■■

Zenec Z-N965

Ultimate-Class
Top-Class

Upper-Class
Middle-Class
Lower-Class

1,1

Price/performance:
excellent

CAR & HiFi

edition 2/2021

„Big screen for vehicles with 1-DIN radio“