

Zenec Z-E2055: Vehicle-specific infotainer for VW, Seat and Skoda

Touchscreen radio for VW

Tailor made for VW Golf V/VI and many others



► With the Z-E2055 Zenec brings the very latest infotainment tailor-made for the dashboard of the Golf V, VI and many other used vehicles from the Volkswagen Group.

The list of compatible vehicles for the Z-E2055 is long. It comprises almost 50 VW, Seat and Skoda models built from 2003 to 2009. Millions of these are still running on the roads and will continue to do so over the next few years. However, the factory radios RNS 210/310/315/510 and RCD 310/315/510 originally installed by Volkswagen are hopelessly outdated by today's standards. The new Z-E2055 now puts modern infotainment into these vehicles.

Vehicle integration

The moniceiver has the connections

required for VW. By means of the supplied CAN bus module it can communicate with the vehicle electronics and support factory installed functions. This allows control via the buttons of the multifunction steering wheel, and the display of ID3 tag and station information on the VW display in the dashboard. Control of the Climatronic and the OPS optical parking system is also maintained. Even a factory Dynaudio sound system is supported over the CAN.

9-inch monitor

The Z-E2055 also makes optimum me-

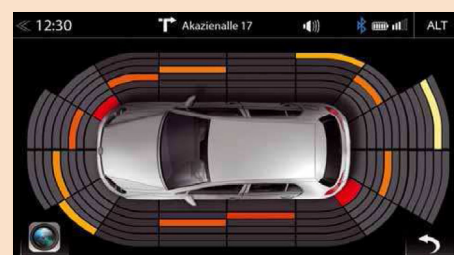
chanical use of the VW dashboard. Its front accommodates a large 9-in touchscreen (22.9 cm). It offers a large surface and responds to a finger touch by capacitive working. Operation is also made easier by the five buttons along the bottom of the device. Beside the volume control buttons there is a Home button in the middle that takes you to source selection in the main menu with just a single press. With the Voice button you can activate voice control for Android Auto and Car Play. Press PWR briefly to mute the Zenec device, or for a while longer to switch it off completely. You can set the illumination of the



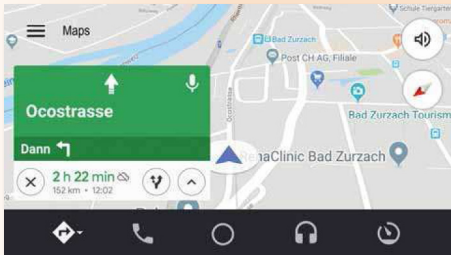
Source selection with large icons



Automatic Climate Control



Parking System OPS



Navigation with Google Maps



Apple Car Play via USB port



DAB+ digital radio with large Slideshow display



The Z-E2055 fits perfectly in the VW radio slot

Digital radio

As regards digital radio reception the Zenec is also abreast of the times. Beside the tuner for the FM reception from analog stations the Z-E2055 can also manage DAB+ digital radio. By pressing Scan the radio will search for all DAB stations available at a particular location. These can then be conveniently selected from the list and listened to in noise-free quality. MOT Slideshow und DLS Text are displayed. If you change from one broadcast area to another the Zenec will automatically remain on the station it is currently tuned to thanks to DAB<->DAB Service Following, provided this station is being broadcast in both areas.

Bluetooth

Beside a USB connection you can also pair phones wirelessly over Bluetooth. This provides comfortable hands-free calling from the car radio, as well as audio playback via A2DP. As desired, you can talk using the microphone built into the front or the external microphone supplied. Calls can be made in comfort from the phonebook or the call list. A number can also be input manually via a ten digit numeric keypad. The large touchscreen offers ample

buttons to red or white.

Double USB

The rear of the Z-E2055 offers two USB ports. For example, you could connect a stick storing your own music collection to USB 2, while USB 1 establishes contact with the mobile phone. Connect an iPhone (from iOS 7.1.X) to make Apple Car Play available on the Zenec, or an Android phone with Android 5.0 (Lollipop) or above to give Android Auto as appropriate. Both systems are comparable in their functionality. They offer a user interface that is clearly adapted for in-car use and allow safe access to numerous phone apps. Control is via the touchscreen of the Zenec device or simply by voice input. Compatible apps include media player, telephony, messenger services, navigation and many others. In conjunction with a smartphone the Zenec is turned into a fully-fledged sat nav receiver.

space for that.

Audio

Music can be played back from a USB stick or connected phone. The music can be sorted into different playlists and played back. This is very easy to do with the display of information like artist, song title, album and genre as well as cover art. The same goes for videos which, when correctly connected, can only be played once the vehicle is stationary and the handbrake has been applied. So that everything also gives the best possible sound the Z-E2055 has a signal processor that allows fine adjustment of the sound in the Expert mode. The frequency split can be made for active systems using high and low pass filters with adjustable frequen-



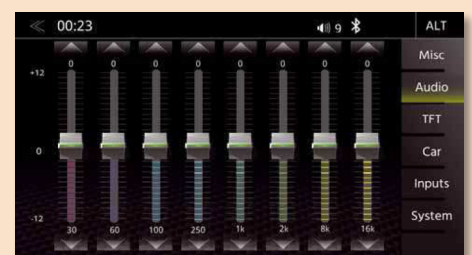
Multifunction steering wheel interface



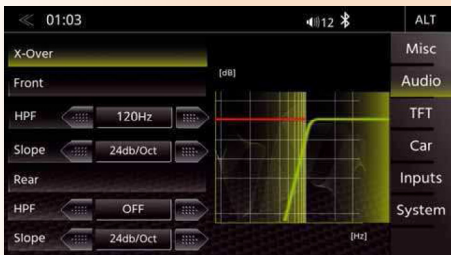
FM analog radio source



Comfortable hands-free calling



8-band graphic equalizer



Setting the crossovers



Digital time alignment



Subwoofer control

cies and slopes. Tonal sound adjustment is taken care of by an eight-band equalizer. And even digital time alignment for perfect staging is onboard. All these settings are easy to make in the nice and clearly structured menus with a graphical display. For fast audio tuning on the move the Expert mode can be deactivated. In this case there are a few equalizer presets, balance, and fader, subwoofer level, bass boost and volume controls available.

Connections

The Zenec device establishes contact with the vehicle using the Quadlock II connector supplied. For Quadlock III vehicles Zenec has an adapter harness available as an accessory. In addition to the two USB sockets the device also has an HDMI interface. For external amplifiers there is a 4.2 preamp output. An RCA AV output is available for controlling additional monitors. External AV players can also be connected via RCA connectors. A further input is

reserved for the rear-view camera. This is activated automatically on engaging reverse gear, or manually by pressing the camera icon in the main menu. Parking grid lines can be set.

Operation

Zenec attach particular importance to the design of the user interface. For example, the menus of the Z-E2055 are excellent with a design that is clear and user friendly. At the same time the graphics look cool which makes operation not only simple but also fun.

Summary

Perfect vehicle integration, modern functionality with DAB+, Bluetooth, Android Auto and CarPlay, outstanding ease of use with a large touchscreen – the Zenec Z-E2055 is the ideal infotainment solution for VW Golf V, VI and many other used vehicles from VW, Seat and Skoda.



Control of MFA multifunction display

The Zenec Z-E2050 fits here:

In numerous models from Volkswagen, Seat and Skoda, based on the Golf V/VI platform. A compatibility list can be found at www.zenec.eu.

Technical data

Amplifier output / W	15
Output Voltage / V	3,3
Output impedance / ohms	533
USB	
THD+N (%)	0,009
SNR (A)	89
Tuner	
THD+N (%)	0,039
Signal/Noise Ratio (A)	57
Crosstalk (dB)	43
Monitor size (cm)	22,9
Touchscreen	•
Dual Zone	–
Dolby Digital / Pro Logic decoder	–
param./graph. EQ-bands	– / 8
Crossover	HP / LP
Time alignment	•
Pre-outs	6
AV-in / AV-out	• / •
Digital-out	–
Connectors camera / navigation	• / –
USB front / rear	– / 2
iPod control	•
Bluetooth HFP/A2DP	• / •
Other	CarPlay / Android Auto

HIGHLIGHT
Top-Class
CAR&HiFi 3/2021



Zenec Z-E2055

Price	about 560 Euro
Distributor	ACR, Bad Zurzach, Schweiz
Hotline	acr-info@acr.eu
Internet	www.zenec.com

Summary

▶ 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 %	1,1	■■■■■
Sharpness	3,3 %	1,0	■■■■■
Brightness	3,3 %	1,0	■■■■■
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 %	0,9	■■■■■
Operation	10 %	1,0	■■■■■
Features	20 %	0,8	■■■■■
Reception test	10 %	1,0	■■■■■
Workmanship	5 %	1,0	■■■■■

Zenec Z-E2055

Top-Class **1,0**

CAR&HiFi 3/21

Price/performance: excellent

„Very latest infotainment for used VW, Seat and Skoda.“