



VEHICLE-SPECIFIC INFOTAINMENT SYSTEM FOR VAG MODELS



Innovative multimedia functions, including Wireless Apple CarPlay and Wireless Android Auto™: The Z-E2065 is a modern 6th generation E>GO infotainer, specifically developed for VW, Seat and Škoda models from 2003 to 2014 or 2021. The Z-E2065 is connected to the on-board electronics via vehicle CAN and supports the comfort functions available in VAG vehicles ex works, such as **MFD/MFD+, multifunction steering wheel, OPS and Climatronic display**, including the connection of **OE active sound systems**.

As an E>GO infotainer, the Z-E2065 fits seamlessly into the cockpit, including the red or white adjustable button illumination. All device functions and sources are easy to operate thanks to the clear app icon operating concept on the **capacitive 9"/22.9 cm touchscreen** or via the hard keys. The main focus of the Z-E2065 is on the particularly simple and secure use of smartphones via Wireless Apple CarPlay and Wireless Google Android Auto™: Connected wirelessly to the smartphone via WiFi, Apple CarPlay and Google Android Auto™ enable easy operation while driving: making phone calls, navigating, listening to music or podcasts – all supported apps and functions can also be controlled with Apple Siri or the Google voice assistant using voice commands.

The integrated **DAB+ twin-tuner** offers clear digital radio reception with easy operation, the numerous convenience functions are all on board: dynamic station list, MOT slideshow, DLS text and DAB-FM/DAB-DAB seamless blending.

The **Phase Diversity RDS FM triple-tuner** with dynamic station list is designed for VAG diversity antenna systems and uses the signals from both FM antennas to ensure the best reception at all times – even under poor reception conditions.

The **Bluetooth 5.0 hands-free module** offers high voice quality, the memory-resident import of up to 1,000 phone book contacts with 3 phone numbers each, a contact search function by first and last name and enables A2DP music streaming from smartphones.

The Z-E2065 allows comprehensive sound tuning via its audio settings extended by DSP-IC. The optimization of the stereo image via **time alignment** and the straightening of the cockpit frequency response via the **graphic 16-band equalizer** are a big plus.

VEHICLE COMPATIBILITY LIST Based on Quadlock II main wire harness contained in the set

Model	Type	Model Year	Model	Type	Model Year	Model (Quadlock III)	Type	Model Year
VW Amarok	2H	2010 – 2016	VW Passat	3C/36	2005 – 2014	SEAT Altea Freetrack	5P	2007 – 2009
VW Caddy	2K/2C	2003 – 2014	VW Passat Alltrack	36	2012 – 2014	SEAT Altea XL	5P	2004 – 2015
VW CC	35	2012 – 2016	VW Passat CC	35	2008 – 2012	SEAT Toledo	5P	2004 – 2009
VW EOS	1F	2006 – 2015	VW Passat Variant	3C/36	2005 – 2014	SEAT Toledo	KG	2012 – 2013
VW Golf V	1K	2003 – 2008	VW Polo	6R	2010 – 2014	ŠKODA Octavia II	1Z	2009 – 2013
VW Golf V Variant	1K	2007 – 2009	VW Scirocco III	13	2008 – 2014	ŠKODA Octavia II Station Wagon	1Z	2009 – 2013
VW Golf VI	5K	2008 – 2012	VW Sharan II	7N	2010 – 2015	ŠKODA Octavia II Scout	1Z	2009 – 2013
VW Golf VI Variant	AJ	2009 – 2013	VW Tiguan	5N	2007 – 2014	ŠKODA Rapid	NH	2012 – 2015
VW Golf VI Convertible	51	2011 – 2016	VW Touran	1T	2003 – 2015	ŠKODA Rapid Spaceback	NH	2013 – 2015
VW Golf V Plus	5M/52	2005 – 2008	VW T5	7 H/E/J*	2009 – 2015	ŠKODA Superb II	3T	2008 – 2014
VW Golf VI Plus	52	2008 – 2013	SEAT Alhambra II	71/7N	2010 – 2015	ŠKODA Superb II Station Wagon	3T	2008 – 2014
VW Jetta V / Bora	1K	2005 – 2010	SEAT Altea	5P	2004 – 2015	ŠKODA Yeti	5L	2009 – 2014
								*(1 st Facelift)

The physical design of the OE device or of the front panel respectively, must match with Z-E2065. Models explicitly not included in the compatibility list are not compatible.

The Z-E2065 device replaces the following OE device models: VW RNS 310/315/ 510 and RCD 310/315/510. · The integration and function support of VAG OE systems is based on the presence of function-specific CAN data. · Webasto pre-heater systems are not supported.

For newer Quadlock III-based vehicles, the separately available article N-ZE2050-QL3 (main wiring harness) is required to connect the Z-E2065 in the vehicle.

Z-E2065

FEATURE HIGHLIGHTS



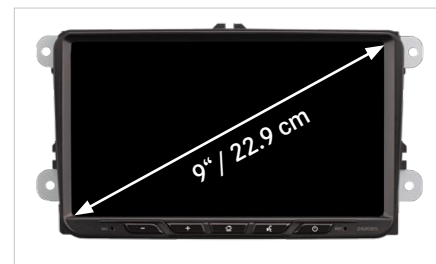
Optimal vehicle integration

The front panel design of the Z-E2065 is perfectly matched to the cockpits of the target vehicles and has been optimized for the maximum possible screen size. The color of the control button lighting can be set to red or white.



Multifunction steering wheel

The Z-E2065 supports the multifunction steering wheels of all compatible vehicle models via connection to the vehicle CAN. The functions of the voice, audio and telephone control buttons on the steering wheel are supported.



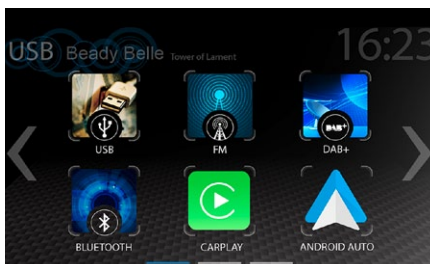
Capacitive 9" display

The capacitive 9"/22.9 cm LCD TFT touchscreen with glass surface can be operated by light touch. The screen impresses with its high luminosity, wide contrast range and excellent readability.



Hard keys for intuitive operation

The ZENEC Z-E2065 has large hard key buttons and therefore enables direct, intuitive and safe operation. The advantage of "real" hard keys over sensor buttons: thanks to the "tactile feedback", hard keys can be operated without taking your eyes off the road.



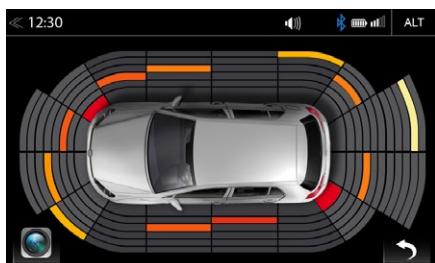
Clear and well-structured display

All sources and apps are clearly displayed – so all functions can be grasped at a glance and selected directly. It is also shown which app is available and can be selected. The clear and well-structured display plays a decisive role in ensuring that the device can be operated safely while driving.



MFD and MFD+ display integration

The ZENEC Z-E2065 is connected to the MFD and MFD+ multifunction displays via vehicle CAN. The MFD(+) display shows text information and data provided by audio sources such as ID3 tags, radio station info and radio text. Both the red and white multifunction display types are supported.



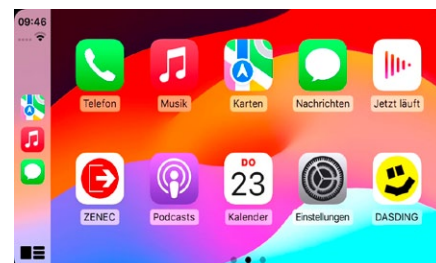
Connection to parking sensors

The CAN data of the OE installed park distance sensors in the vehicle are read by the ZENEC OPS (Optical Parking System). Depending on the vehicle model, the OPS display of the parking radar shows 360° vehicle all-round view or front/rear radar segments.



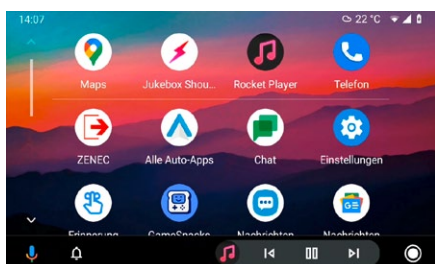
A/C control status info integration

The status info of the A/C control (Climatronic) are read via the vehicle CAN bus. A pop-up menu shows the information on fan status, air temperature, etc. This function depends on the vehicle model, model year and type of air conditioning. In order for the VAG climate display to be supported, the display must have been running on the OE radio before.



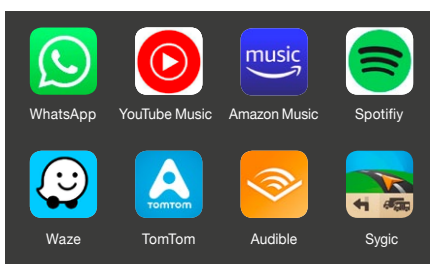
Wireless Apple CarPlay

Wired or wireless: connect your Apple iPhone via USB or pair it wirelessly via WiFi to use Apple CarPlay. With Apple CarPlay, your favourite smartphone apps are at your fingertips for communication, navigation and entertainment. Almost all CarPlay compatible apps are optimized for Siri voice control and can be operated via it.



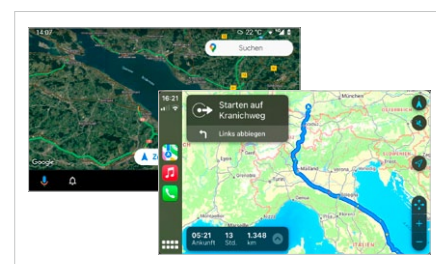
Wireless Android Auto™

Smartphones with Android operating system can be connected wirelessly or via USB to use Android Auto™. Android Auto™ is optimized for safe operation in road traffic. The intuitive user interface in combination with voice control via the voice assistant ensures that you can focus 100% on the traffic – despite the wide range of functions.



CarPlay & Android Auto™: app variety

With Apple CarPlay and Android Auto™, you can also use your favourite apps in your motorhome – to listen to music and podcasts or send WhatsApp messages. You also have the option of using additional navigation apps such as Waze, Sygic or TomTom – with simplified operation, as only the relevant controls are shown on the touchscreen.

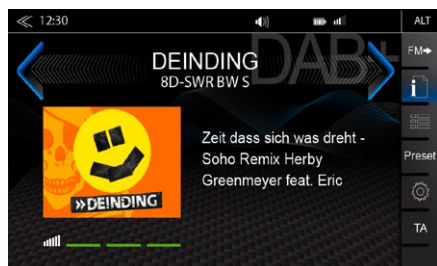


CarPlay & Android Auto™: nav functions

Navigate with Apple and Google Maps, which are certified for CarPlay and Android Auto™ and optimized for use in cars. Both navigations impress with simple destination entry and clear route guidance. Important driving and turn-by-turn directions are displayed with large directional arrows. Searching for P.O.I. such as petrol stations, restaurants, cafés, etc. is also very easy.

Z-E2065

FEATURE HIGHLIGHTS



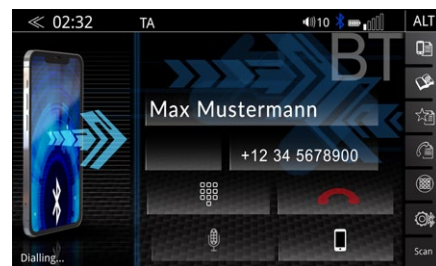
Powerful DAB+ twin-tuner

The DAB+ twin-tuner offers various comfort functions such as FM-DAB and DAB-DAB Seamless Blending, MOT slideshow und DLS text and impresses with its stable digital radio reception. The dynamic station list shows all stations receivable in the region for direct selection, including the matching station logo stored in the device's database.



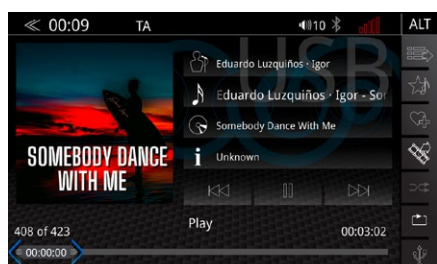
FM RDS triple-tuner

The latest generation FM triple-tuner offers a special configuration: Tuner 1 provides the dynamic station list with all stations receivable in the region. The tuners 2 and 3 operate in diversity mode and thus optimally adjusted to the diversity systems of the target vehicles. The Z-E2065 has a database with radio station logos for the whole of Europe.



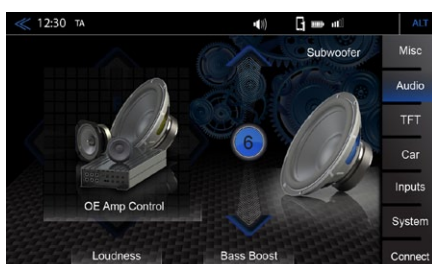
Bluetooth 5.0 hands-free module

The modern Bluetooth module convinces with excellent hands-free audio quality. The intuitive user interface makes it easy to use the phone book functions and search for contacts – sorted by first or last name. Via A2DP you can stream music wirelessly from your mobile phone.



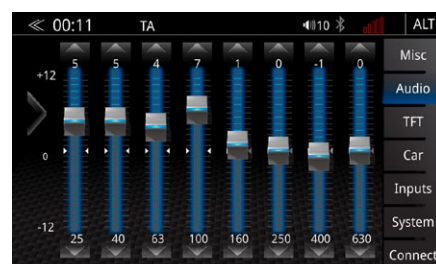
Modern multi-format entertainer

The device enables the playback of compressed and uncompressed digital 16- and 24-bit audio files, as well as various popular video formats. Audio and video playback of the following files is supported by the Z-E2065: MP3, FLAC, AAC, WMA, AVI, MPEG-1/2, MPEG4, M4V (H.264), MKV 1080p, XviD.



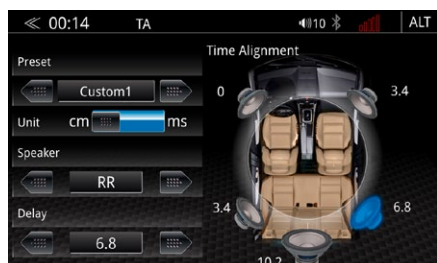
Support for OE sound systems

The Z-E2065 is compatible with all known OE active sound systems. It supports the 8-channel standard system, the 10-channel sound system and the 10-channel variant with DSP functions. The connection is made with an optimal signal-to-noise ratio.



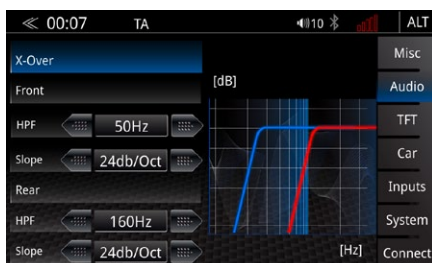
Various EQ presets

With the 16-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 one of the seven predefined EQ profiles to optimize the sound reproduction.



5-CH time alignment

The Z-E2065 features an independently adjustable time alignment function for all 5 channels, to optimize the stereo image and staging. The delay for each channel can be adjusted in both centimeters or in milliseconds with up to 20 mS.



DSP active crossover

The Z-E2065 has a DSP-based active crossover with selectable 12 dB and 24 dB/oct. slopes. The selectable high-pass crossover frequencies for the front and rear channels are: 32/40/50/63/80/100/125/160 Hz. The low-pass crossover frequency and slope are set in the subwoofer setup.



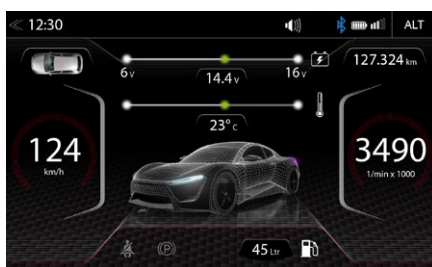
Subwoofer audio setup menu

Active subwoofers or subwoofer amps can be integrated into a system concept by the Subwoofer setup menu. Selectable x-over frequencies, 12 dB or 24 dB/oct. low-pass slope steepness, as well as gain and phase can be adjusted for best bass signal management of connected external subwoofer components.



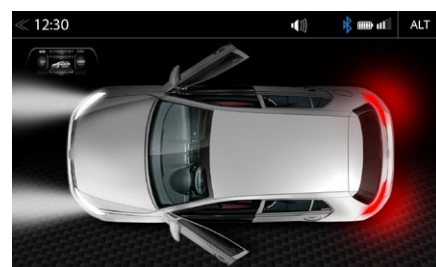
Camera system integration

The Z-E2065 supports the connection of one camera system, including integration of an OE cam system with guide lines that align with the dynamic steering rack angle. The camera image comes up automatically when the reverse gear is engaged.



Cockpit realtime car data

Actual vehicle data such as level of fuel tank in liters, battery voltage in volts or the outside temperature in degrees Celsius are shown on the display of the Z-E2065. In addition, you can see, whether the driver and front passenger wear their seat belts or if the parking brake is engaged.



Vehicle status info

An optional pop-up menu displays the status of the vehicle or its sensors and warns of open doors or open trunk lid/bonnet. In addition, the status of the vehicle lighting, e.g. the front headlight, is shown.

KEY FEATURES

- Vehicle-specific infotainment system for VAG vehicles*¹, with Wireless Apple CarPlay and Wireless Android Auto™
- Touch sensitive, capacitive 9"/22.9 cm LCD-TFT display (1024 x 600 pixels) with real glass surface
- OSD menu in 10 different EU languages
- DAB+ twin-tuner with dynamic station list, DAB-FM and DAB-DAB Seamless Blending, MOT slideshow and DLS-text
- FM RDS Phase Diversity triple-tuner receiver with 18 preset stations
- Works with Wireless Google Android Auto™
- Works with Wireless Apple CarPlay
- Bluetooth 5.0 hands-free module with HFP v1.7 and A2DP music streaming
- Input for a CVBS signal-based (OE) camera system with driving direction indication via dynamic guide lines and automatic switching function, support for aftermarket camera system with AHD signal*²
- VAG multifunction steering wheel button integration
- MFD/MFD+ integration for audio sources, showing ID3-tags and radio station info on the display
- VAG OE park distance ("OPS") system integration via vehicle CAN
- VAG OE climatronic system*³ integration via vehicle CAN
- Integration of OE active sound systems*⁴ via vehicle CAN
- Linux operating system for embedded systems that can be updated via software update*⁵
- Bi-color hard key illumination, selectable white or red
- 4 x 50 W amplifier

BLUETOOTH

- Bluetooth 5.0 module with hands-free function (HFP v1.7 profile)
- Import of 1,000 phone book entries with 3 phone numbers each
- Memory-resident phonebook with direct access to sync'd contacts
- Fast dial function for 10 contact favorites
- Phonebook contact search function via keypad for first and last name
- A2DP 1.3 music streaming via smartphone with AVRCP 1.6 and iD3-Tag display (artist, title, album)
- Internal Bluetooth microphone, input for external microphone*⁶

MULTIMEDIA + AUDIO

- DAB+ twin-tuner receiver with 18 station presets and dynamic radio station list
- FM RDS Phase Diversity triple-tuner receiver with 18 station presets, DSP noise blanking and dynamic radio station list

- 1 x USB-A(1) 2.0 Port for Apple CarPlay, Google Android Auto™, A/V media playback*⁷, software updates, 2,000 mA smartphone power charging
- 1 x USB-A(2) 2.0 Port for A/V media playback*⁷, software updates, 700 mA smartphone power charging
- 5-CH time alignment via audio DSP with up to 20 mS delay for each channel
- 16-band graphic equalizer with 7 predefined EQ-presets
- Active crossover for high- and low-pass with 12 dB or 24 dB/oct. slope steepness and selectable crossover frequencies
- 1 x HDMI input for compatible accessories and mobile devices
- 24 Bit D/A converter

CONNECTIONS

- 4.2 RCA line pre-out (3.0 V)
- 1 x RCA input for camera video signal (CVBS / AHD 720p*²) with switched power supply
- 1 x double Fakra FM antenna input socket with 12 V phantom power supply*⁸
- 1 x SMB DAB antenna input socket with switched 12 V power supply*⁸
- 1 x USB-A(1) 2.0 port for Apple iOS and Android devices, A/V file playback*⁷, 2,000 mA charging current
- 1 x USB-A(2) 2.0 port for A/V file playback*⁷, 700 mA charging current
- 1 x RCA A/V input for 2-CH audio and video (CVBS, PAL, NTSC) signal
- 1 x 3.5 mm jack connector input for external Bluetooth microphone*⁶
- 1 x Fakra GPS antenna input socket*⁹
- 1 x HDMI input port

*¹ See vehicle compatibility list

*² Compatible with AHD 720p camera systems (1080p signal is not supported)

*³ For VAG climatronic system support by device, the systems functions must have been present on the OE radio

*⁴ All Dynaudio and Fender active sound systems are supported

*⁵ Software updates are hosted on <http://www.zenec.com/en/support/software-updates/>

*⁶ The external Bluetooth hands-free microphone is contained in the set

*⁷ Supported A/V file formats: MP3, FLAC, AAC, M4A, WAV, AVI, MP4, H.264, HEVC / H.265, MKV 1080p, MPEG2/TS, MPG, Xvid

*⁸ The antenna input with phantom supply supports VAG phase diversity antenna systems directly. Single FM antenna systems need an adaptor (see FAQs)

*⁹ GPS antenna contained in the set