COMPATIBILITY LIST

<table>
<thead>
<tr>
<th>Model</th>
<th>Model Version</th>
<th>Model Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>VW T5 Multivan</td>
<td>Comfortline, PanAmericana, Highline, Edition25, BlueMotion, Match, Special, Business, Caravelle</td>
<td>2010 – 2015</td>
</tr>
<tr>
<td>VW T5 California</td>
<td>Comfortline, Europe</td>
<td>2010 – 2015</td>
</tr>
</tbody>
</table>

⚠️ CAUTION

- The installation of the ZENEC system should be carried out by an authorized installer. Specific knowledge and tools are required to do the installation. Incorrect installation can cause damage to the vehicle and the ZENEC system.
- Correct functioning can only be guaranteed when you use the ZENEC original accessories included in the kit or those optionally available. The ZENEC system and the original accessories must under no circumstances be modified or altered in any way. Inappropriate actions can cause damage to the vehicle and the ZENEC system.

🔍 NOTE

- The target vehicle must factory configured with a OE radio or navigation systems. The ZENEC system is not compatible with vehicles, which are equipped with a hybrid or electro drive ex factory.
- This device installation manual applies to vehicle platforms appearing in the compatibility list on the previous page, and in a condition as offered by the respective vehicle manufacturer. Other differing configurations and installations may result in complications and malfunctions.
- The ZENEC system is equipped with an integrated DAB+ receiver. To make use of this you will need a suitable DAB antenna (not included in kit) that must be connected to the ZENEC system.
- If the target vehicle is already equipped with an original DAB antenna, it is still possible to use it in combination with the ZENEC system. Please use the DAB antenna connector (No. 6), which is part of the kit, for connection.
- The Z-E2060 comes with an adaptor interface, which fits to the double FM antenna plug from the vehicle. If this solution is not sufficient, e.g. the FM radio reception is deemed to be poor, the ZE-NC-ANT3 phantom power adaptor which is separately available, may help to improve FM signal level.
- Software updates to the ZENEC system are installed with a USB memory device. Therefore when fitting the system make sure that the USB connection of the ZENEC system will still be accessible later (installation of USB extension cable or USB hub).
- If you have questions or problems relating to the ZENEC system, please contact the dealer from whom you purchased it.
- Additional questions about the compatibility could be answered by using the ZENEC online configurator:
  www.zenec.com/configurator

THE KIT INCLUDES

<table>
<thead>
<tr>
<th>No.</th>
<th>Article</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ZENEC system</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>GPS antenna</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Double-sided adhesive pad</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Main connection cable Quadlock II</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>CAN bus interface</td>
<td>1</td>
</tr>
</tbody>
</table>

TOOLS REQUIRED

- Insulating tape

ADDITIONAL MOUNTING ACCESSORIES

- ZENEC ZE-NC-ANT3 (antenna interface)
- DAB antenna with SMB plug (e.g. Z-EACC-DAB1 or Z-EACC-DAB2)
- External microphone (N-ZENC-MIC)
EXAMPLE OF INSTALLATION VW T5 MULTIVAN
REMOVAL WORK AND PREPARATION:

NOTE
1. Remove the ignition key and keep it outside the car until the installation is finished.
2. Please wait for about 10 minutes until the CAN bus system is completely shut down, before you start with the uninstallation of the original device.
3. Now you can start with the uninstallation of the original device.
4. Please switch on the ignition only, once all installation steps are completed and the ZENEC system is firmly mounted.

1. Unlock the OE factory radio with the unlock tool (No. 10) contained in the set. You need to insert all four keys.

2. It should be possible to pull out the radio without applying brute force.

3. To completely remove the factory radio, all the cables (i.e. main wire harness, antenna cable etc.) must be unplugged on the backside of the device. Put the radio aside in a safe place, to protect it from damage.
INSTALLATION:

4. (No picture)
   Install the GPS antenna (No. 2) in a suitable position, making sure that the GPS reception is not adversely affected by unwanted shielding of metallic vehicle parts (thermal insulation glazing, etc.). Then route the connection cable into the radio bay.

5. (No picture)
   If you have purchased the optional external Bluetooth microphone (N-ZENC-MIC), install it now and route the connection cable into the radio bay. Depending on your preference, and whether you select an internal or external microphone, the microphone source for Bluetooth mode must be set accordingly in the unit menu.

6. (No picture)
   Route the USB extension cable’s (No. 7) from the radio bay to your preferred position.

7. Connect one of the main connection cables (No. 4) of the ZENEC system (No. 1) to the Quadlock connector of the car and close its locking mechanism. Following this, connect the CAN bus interface (No. 5) to the main connection cable.

8. Before installing the ZENEC system (No. 1) remove the two transport securing screws.
9. Connect all the cables to the ZENEC system (No. 1) those previously run in the radio slot, and the original antenna cables.

10. Neatly arrange the wires to the side, making room for the ZENEC system. Carefully slide it into the radio slot. Push back the Z-E2060 until you hear the clicking sound of the latching mechanism.

11. The installation of your Z-E2060 is now complete.

**NOTE**
- Make sure that all connectors at the rear of the ZENEC system have sufficient room and are not bent.
- Connectors without a retaining mechanism must be additionally secured with insulating tape.

**COMMISSIONING**
Finally carry out a general functional test and perform the basic and car specific settings (AC, OPS etc.). Also ensure that no fault warnings appear on the vehicle side.
CONNECTION DIAGRAM

A

20 PIN CONNECTOR (DEVICE BACKSIDE)

A1 CAN RX
A2 Reverse
A3 RL TS / Switched +12V PWR
A4 Illumination
A5 Analog Wheel KEY 2
A6 Analog Wheel KEY 1
A7 Speaker Rear Left (−)
A8 Speaker Rear Right (−)
A9 Speaker Front Left (−)
A10 Speaker Front Right (−)
A11 CAN TX
A12 P. ANT +12V/+ (Antenna)
A13 P. CNTR +12V/+ (Amplifier)
A14 Parking
A15 RL 31 / Power GND
A16 RL 30 / Permanently +12V PWR
A17 Speaker Rear Right (+)
A18 Speaker Rear Right (+)
A19 Speaker Front Right (+)
A20 Speaker Front Right (+)

300mA max current

B

QUADLOCK II CONNECTOR

B1 Speaker Rear Right (+)
B2 Speaker Front Right (+)
B3 Speaker Front Left (+)
B4 Speaker Rear Left (+)
B5 Speaker Rear Left (+)
B6 Speaker Rear Left (+)
B7 Speaker Rear Left (+)
B8 CAN High
B10 CAN Low
B12 GND
B15 B+
B17 AUX-L
B18 AUX-GND
B20 AUX-R

C

24 PIN CONNECTOR

C1 Rear Monitor Out
C2 N.A.
C3 Camera IN
C4 Video IN
C5 AUX IN L
C6 AUX IN R
C7 Line Out Rear L
C8 Line Out Rear R
C9 Line Out Front L
C10 Line Out Front R
C11 Line Out Sub Woofer
C12 Line Out Sub Woofer
C13 MIC
C14 N.A.
C15 IR IN
C16 GND
C17 N.A.
C18 Camera +12V (max 300mA)
C19 N.A.
C20 N.A.
C21 N.A.
C22 N.A.
C23 N.A.
C24 N.A.

USB1:
• Apple MFi
• USB Media Playback, -Smartlink Direct, -Software Updates

USB2:
• Apple MFi
• USB Media Playback, -Smartlink Direct, -Software Updates

Z-E2060

UKW/ FM
USB 1
USB 2
DAB
GPS

HDMI

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