

Carthago motorhomes
»Chic c-line« »Chic e-line«
Soundpackage 2, without LR

Assembly instruction
Status: 7.10.2021
Art. NO. 69312-62/ 69312-82, FS: 69830

JEHNERT
Sound Design
A U T O M O T I V E

2-way sound package 2 (69312-62/ 69312-82) »without speaker recording«



»Chic c-line«
»Chic e-line«
Dashboard incl.
Root wood application



Sound system cab without speaker mount



Packing list:

2x XE 26 - neodymium tweeter \varnothing 26mm
2x XE 100 - high-end midrange driver, \varnothing 100mm
2x 2-way crossover

optional: 1x digit. 5-channel amplifier
1x subwoofer
2x multibox

1x installation instructions incl. installation template, amplifier connection „Plug & Play“, Multibox mounting instructions

1x Subwoofer mounting set:

4x DUAL LOCK Velcro plates
4x DUAL LOCK Velcro pad
4x self-tapping screw 3,5 x 13
1x bracket 40x40x40 (only for Sub 17000/17011)
4x self-tapping screw 3,9x13

1x mounting set Multibox:

see instruction sheet

Tools needed: Phillips screwdriver, Torx screwdriver (TX 25), multi-cutter, hot glue gun, plastic wedge, insulating tape, white marker

Please note:
Power cable and plug are not included in the scope of delivery!

Installation Notice:

To avoid vibration noise, secure all cable harnesses with insulating tape or similar.

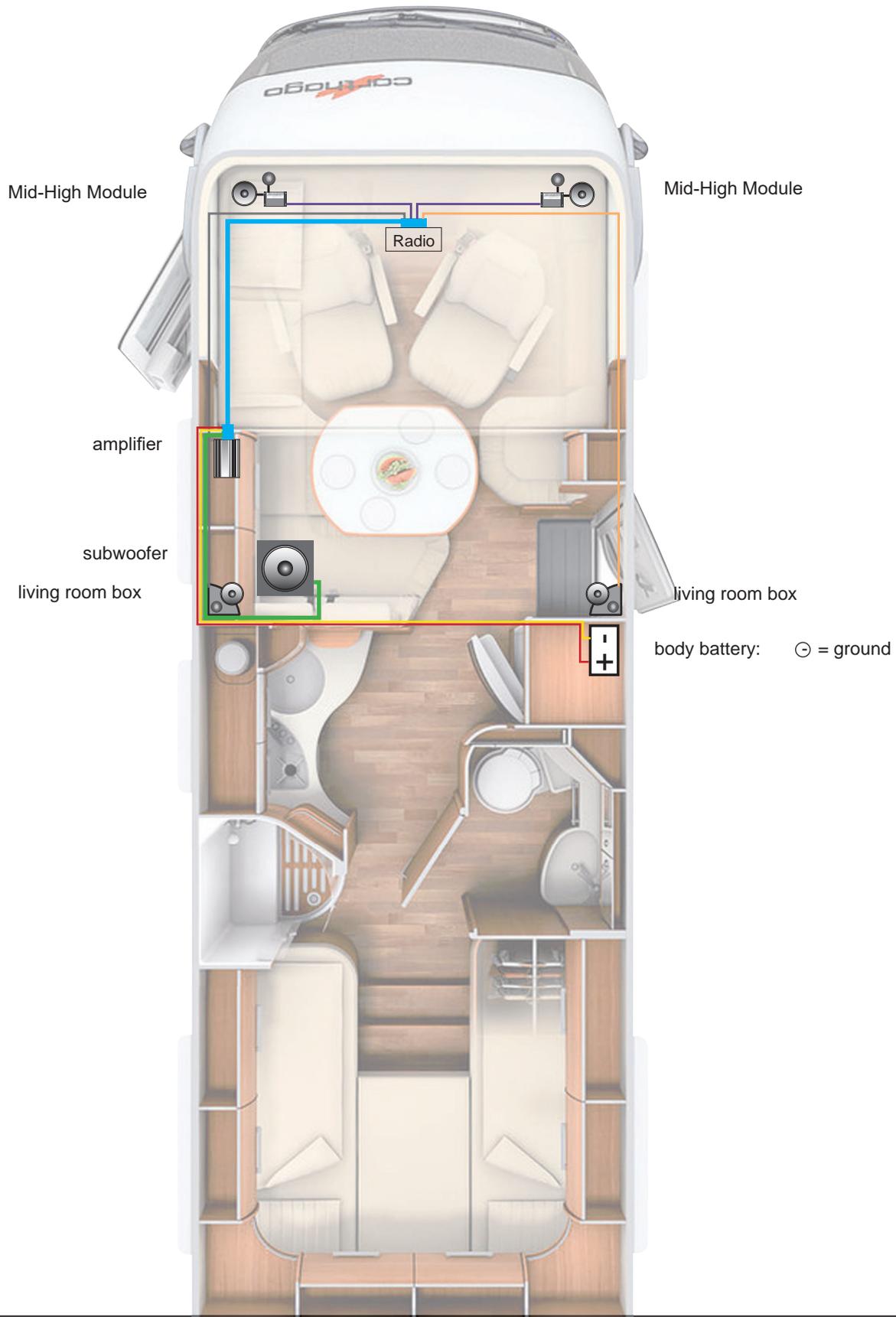
Radio Setting Notice:

To achieve the best sound, all settings on the radio (bass, treble, loudness, etc.) should be set to zero or neutral.

Warranty:

As the manufacturer, we provide a warranty of 2 years for these sound systems, calculated from the date of purchase from the specialist dealer. Within this warranty period, we will, at our option, repair or replace free of charge all defects that are due to material or manufacturing defects. Excluded from the warranty are damages caused by improper use or installation, wear and tear or interventions by third parties. The warranty does not cover consequential damage or defects that only insignificantly impair the value or usability of the sound systems. A warranty obligation is not triggered in the case of damage caused by external influences. Systems with additional or incorrect mounting holes are excluded from exchange. These are damages to the components that cannot be repaired.

Overview of cable routing throughout the vehicle



1. disassembly and cable laying



1.1. remove rear view monitor: 2 screws on the right and left side and left of the cover and lift off monitor with cover upwards.



1.2 Remove screws 1-4 on the wooden cladding. Loosen screws 5-8 on the metal bracket facing the wall. Remove panelling below steering column and fuse box (3 screws 10mm hexagon) disassemble.



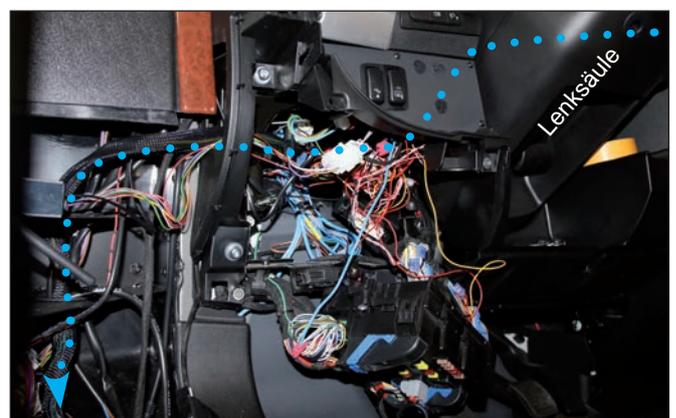
1.3 Remove and disconnect the light switch. Remove the 12 V socket and unplug. Remove wooden panelling/shelf and Unhook Bowden cable.



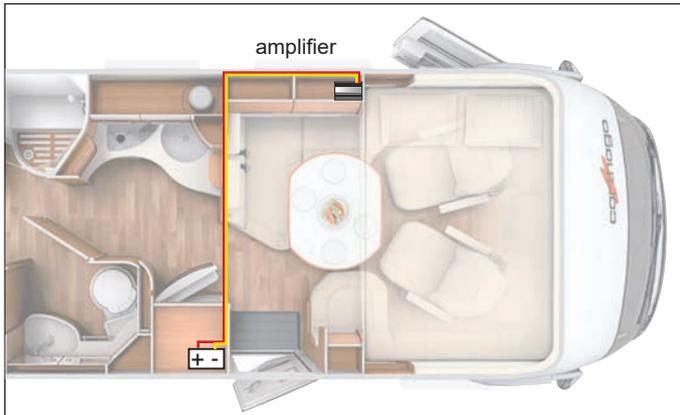
1.4 Remove the Carthago cover underneath the driver's seat at the entrance remove (loosen 4 screws) and unplug lighting.



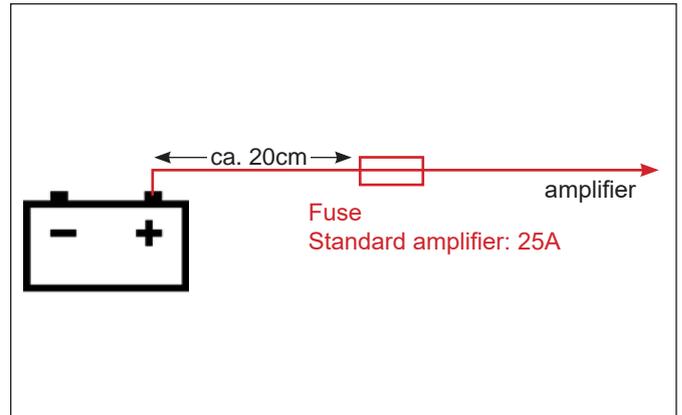
1.5. Remove 4x black cover caps above the running board and lever out running board with a wedge.



1.6 Lay the [amplifier cable](#) from the radio over the steering column and lead it down the side. Attention - The cable must not influence the steering!



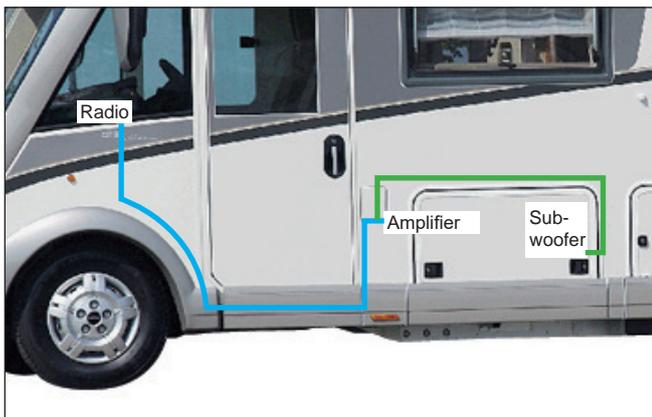
1.7. **Power-** and **ground cable** (2,5mm²) from the body battery (in the storage compartment on the passenger side) under the floor to the amplifier (amplifier see figure 1.12).



1.8. **Power line** secure with fuse (see fig.).

Important:

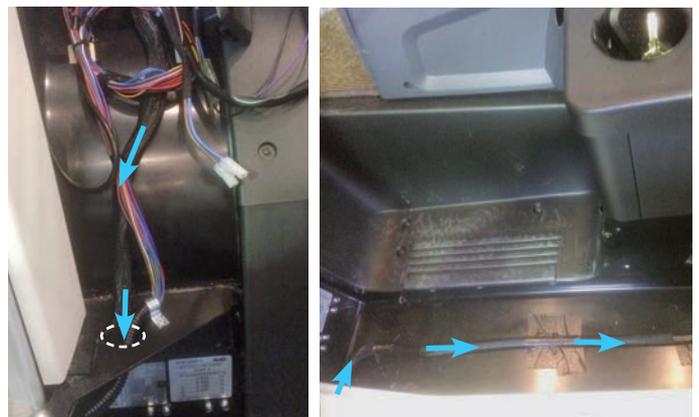
for standard amplifier: power cable 2,5mm² +/-



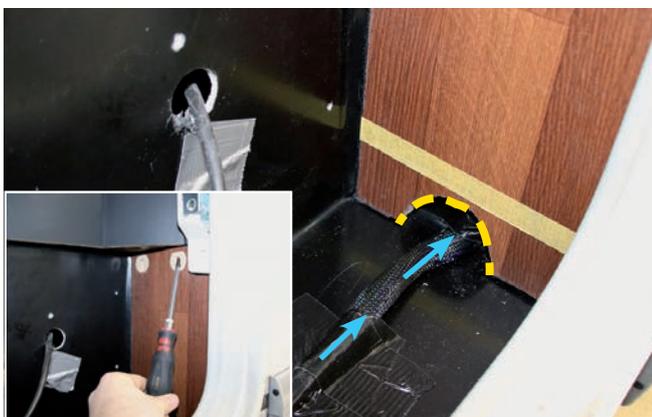
1.9. cable routing side view:

Radio -> Amplifier

Amplifier -> Subwoofer



1.10. **Amplifier cable** sideways over the wheel housing through the down through the opening and along the bottom of the entrance (fix with adhesive tape).



1.11. Dismantle the right side panel at the access point (loosen 2 screws) and saw out a cutout in the side panel for the cut out in the side panel as shown in the illustration.



1.12. **Amplifier cable** through the opening in the area of the ventilation hose into the storage compartment behind the driver's seat guide. Mount the amplifier on the side connect (»Plug & Play«-plug). **Power-** and **ground cable** plug into the wiring harness of the amplifier (see amplifier instructions page 1 Fig. 2)



- 1.13. **Subwoofer cable** from the mounting location (in the storage compartment under the seat group, next to belt support, see Fig. p.5 Step 2) behind the fairing and above the storage compartment opening to the amplifier, cable routing see Fig. 1.9.
Tip: Lay cable duct above the stowage compartment



- 1.14. **Subwoofer cable** through the opening next to the ventilation pipe (like amplifier cable) to the amplifier and insert plug in the „Plug & Play“ connector.
Tip: Tie cable together with cable tie

Subwoofer - optional, depending on the space available:



Subwoofer 17000



Subwoofer Carthago-spezifisch 17009



- 1.15. Plug in the subwoofer cable »Plug & Play«.
Mount the 4 Velcro pads on the bottom of the subwoofer (4x screws 3.5x13). Place the Velcro pads onto the Velcro plates and remove the adhesive strips. Make the vehicle floor free of dust and grease in the area of the Velcro pads. and press firmly into place. Fasten the subwoofer additionally with a bracket.



1.16. Remove the storage compartment in the dashboard on the passenger side. (loosen 4 screws).



1.17. **Speaker cable** (1,5mm²) under the dashboard lead from the radio to the mid-high modules.
Driver's side: same as amplifier cable - lead over steering column.
Passenger side: lead under the storage compartment



1.18. Remove 2 screws from the storage compartment/trim panel on the passenger. Remove the screws on the storage compartment/trim on the passenger side and lift the trim upwards.



1.19. **Speaker cable** (1,5mm²) starting from the radio, behind the window trim (see Fig.) into the living room. room up to the cabinet, see Fig. 1.20.



1.20. Remove the monitor and the panel on the right above the door (do not disconnect the cable!). **Speaker cable** from the wall cabinet via the door to the installation location of the living area box. To feed the cable through, drill a hole in the wooden strip above the box.



1.21. For the living area box on the driver's side, use the factory installed loudspeaker cable is used: Remove factory left speaker, extend cable and lead it through the existing opening to the installation location of the living area box.

3. living room boxes

The existing loudspeakers in the living room are completely turned off. These have an unfavorable position (because the speakers radiate downwards and not into the room), an installation depth that cannot be used and are poorly positioned in terms of sound.

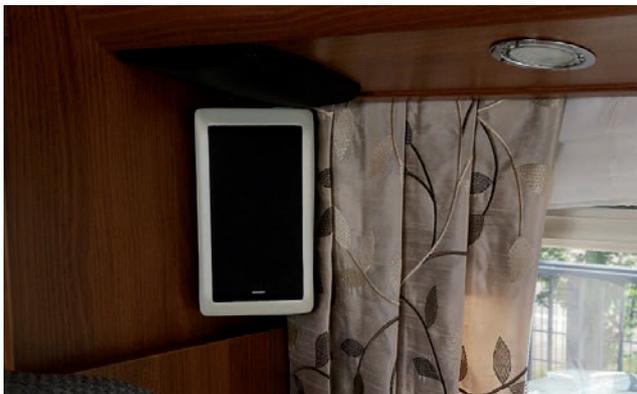
The Sound Package II includes two living room speakers. For the living room speakers, we recommend either the Multibox 6000 or 7000. For color matching to the interior, you can choose between different colors.



Multibox »7000« Entrance area



Multibox »6000« Entrance area



Multibox 5500



Multibox 7000

3.1 Mounting the boxes See „Multibox mounting“ information sheet.

Our team in Pliezhausen will be happy to provide you with advice and assistance at any time:

JEHNERT Sound Design

»Development and production of car audio systems«

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