

## 3-way sound system Mercedes Sprinter (65130)

Model/year: Sprinter VS30 from 2018 (Type W907 / W910) - Integrated models incl. low-frequency extension.

Only for vehicles without cover flaps on the dashboard/storage compartment



### Packing List:

- 1x midrange/tweeter module incl. acoustic fabric baffle (left & right), covered.
- 2x „XE26“ neodymium softdome tweeter Ø 26mm
- 2x „XE80“ midrange driver Ø 80mm
- 4x collar screw 3,9 x 16 (already preassembled)
- 2x „XE130G“ low-midrange driver „Power-Woofer“ Ø 130mm
- 2x mounting ring and grille for „XE130G
- 2x mid-high crossover incl. cable assembly (Art.-No.: 7000 FW)
- 2x low frequency crossover incl. cable assembly and rear felt (Art.-No.: 65130FW-TT)
- 1x mounting set - Mercedes Sprinter art.-no.: 65130)
- 1x 5-channel DSP amplifier incl. 2,2m ISO cable and mounting instructions
- 1x subwoofer of your choice incl. mounting set and 4,8m subwoofer cable
- 1x cable crossover for center crossover speaker jacketed
- 1x mounting set consisting of 10x countersunk head screw 3.9 x 16mm



### with sound package 2 (68132):

- 2x living room speakers of your choice incl. mounting set and

### Mounting kit Art.-No. 65740:

#### Dashboard mid-high module

- 2x spax screw 4 x 25
- 2x spax screw 4 x 55
- 2x spax screw 4 x 70
- 2x collar screw 3.9 x 16 mm

### Required tools

- Phillips screwdriver
- Torx screwdriver (TX 20/25/30)
- Hot glue gun
- Plastic wedge

- Insulating tape
- Stripper
- Crimping pliers
- Side cutter

Installation video for centre crossover  
on youtube:



### Recommendation:

To achieve the full sound performance of the sound system, we recommend Sound Package I, which significantly increases the sound performance of the system with the additional amplifier and subwoofer.

## General installation instructions - must be observed!



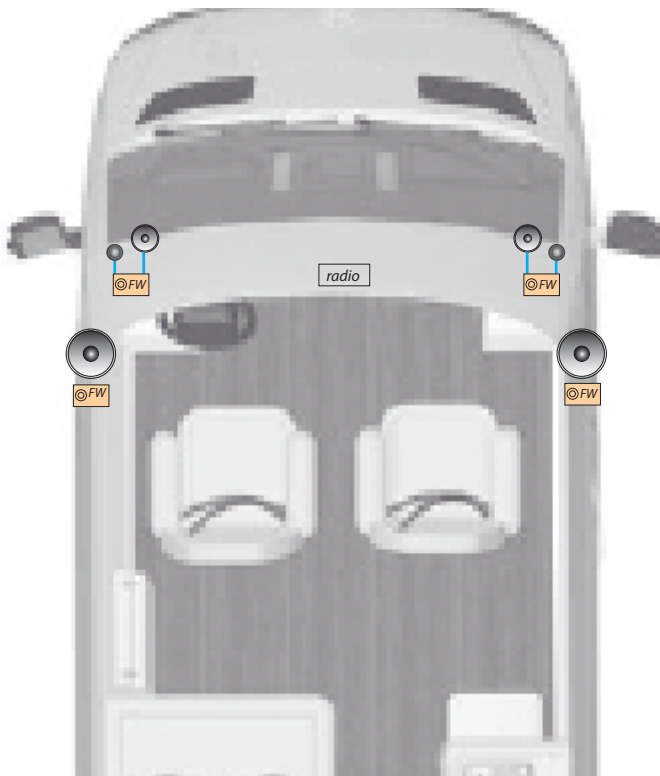
### Radio settings:

- To achieve the best sound, all settings on the radio (bass, treble, loudness, equalizing, etc.) should be set to ZERO or OFF.

### Installation Notice:

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

## Cable routing / connection scheme 3-way without amp+ subwoofer



### Tweeter »XE 26«

Mounting in the dashboard in the mid-high module, pre-installed.

### Midrange »XE 80«

Mounting in the dashboard in the mid-high module, pre-installed.

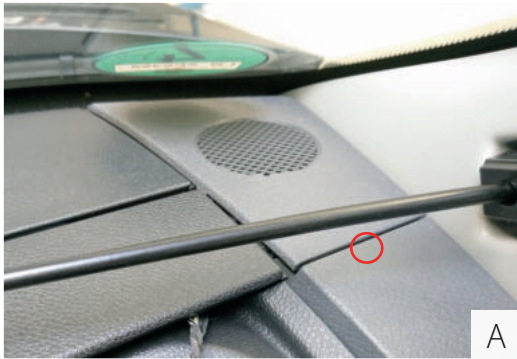
### Woofer »XM 165«

Mounting in the vehicle door panels.

### Crossover

MHT turnout pre-assembled vehicle-specific  
Woofer Crossover turnout pre-assembled vehicle-specific

## 1. Dismantle factory tweeter



- Remove original tweeter cover with a plastic wedge from the front. (see fig. A) ○
- Remove Mercedes tweeter, disconnect original connection cable (see Fig. B).



- Loosen screw from cover (see Fig. C)
- Unclip cover -> loosen starting from outside (see Fig. D)



- Remove the two cupholder/storage compartment screws located under the disassembled cover (see Figs. E & F)

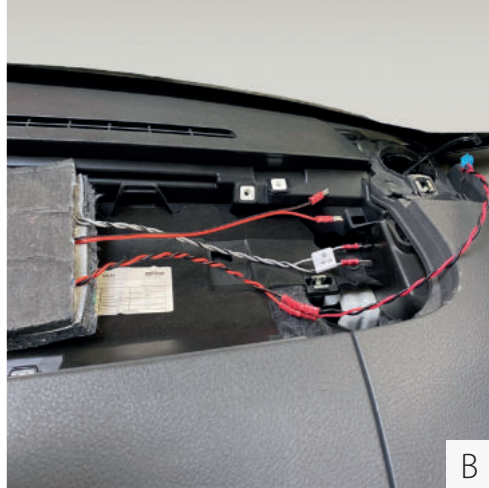


- Dismantle cupholder/storage compartment -> use wedge and loosen part starting from outside (see Fig. G)

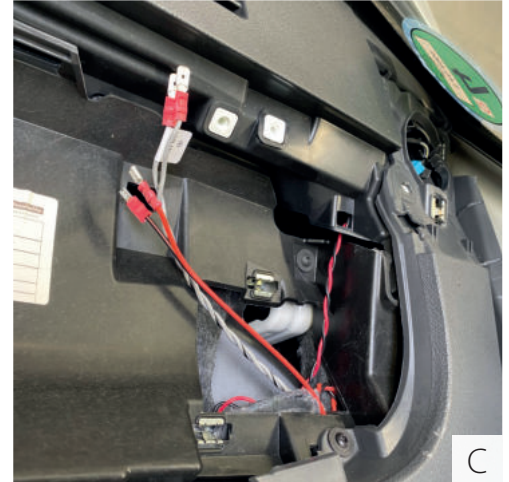
## 2 Assembly of the crossovers



A

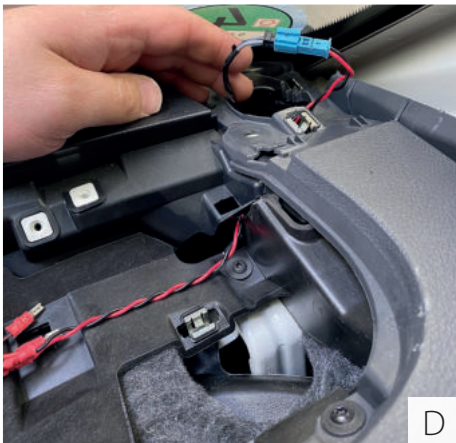


B



C

- Wrap mid-high crossover in damping fleece (see Fig. A).
- Place crossover in indentation of storage compartment and route tweeter connection through original tweeter hole and connect with cable (see Fig. C and D).



D

- Drill a 10 mm hole in the center of the cupholder/storage compartment -> ideally use a step drill.
- Feed the midrange and tweeter speaker cables from below through the drilled hole and check the position of the storage compartment. (see fig. E)



E

### 3. mounting of the mid-high modules in the dashboard (only suitable for vehicles with storage compartment without cover flap)



- When the cables have been properly routed through the hole (no excessive tension) insert both screws of the cupholder storage compartment and tighten them (see fig. A/B)



- Clip the tweeter cover strips back in place and tighten the screw on the outside (see Fig. C).
- Mount original HT cover (see Fig. D)



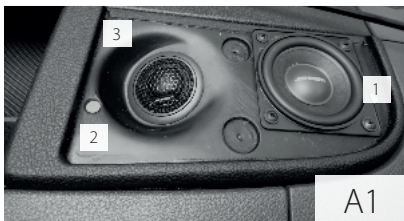
- Place the mid-high module on the discard tray and connect the tweeter and mid-range drivers so that they are short-circuit-proof (see Fig. E).

## 4. mounting of the midrange/tweeter modules in the dashboard incl crossovers

(only suitable for vehicles with storage compartment without cover flap)



- Tighten the MHT module ->outside: Spax 4x25mm, inside: Spax 4x55mm (see fig. A/A1/A2)



- |               |
|---------------|
| 1 Spax 4 x 25 |
| 2 Spax 4 x 55 |
| 3 Spax 4 x 70 |

Fig.: Mid/high module passenger side



Fig.: Mid/high module passenger side



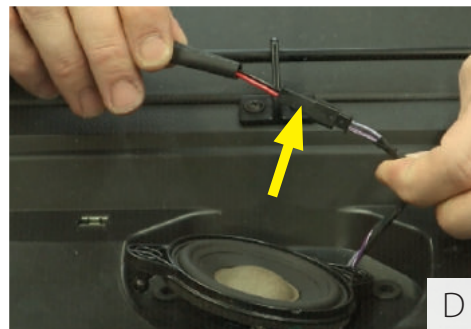
Fig.: Mid/high module passenger side

- Re-attach the midrange speaker using the 3 pre-assembled **3.9x13mm** collar screws.
- Fix the loudspeaker and the moulded part to the dashboard in the rear corner using a **3.9 x 16 mm** collar screw (see Fig. B)
- Check tight fit, then fit acoustic fabric cover and press on firmly (Velcro disc) (see Fig. c)

## 5. Attenuation of the center speaker in the dashboard

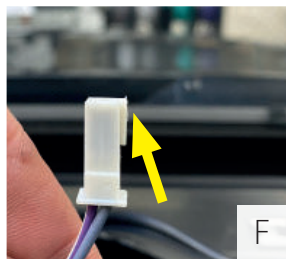
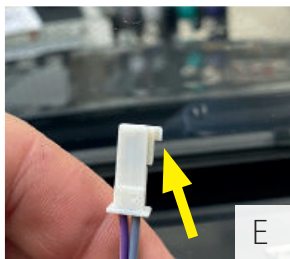


- Dismantle original cover (see fig. A)
- Lever out loudspeaker (see Fig. B)

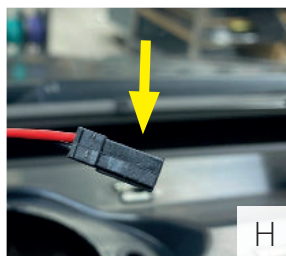
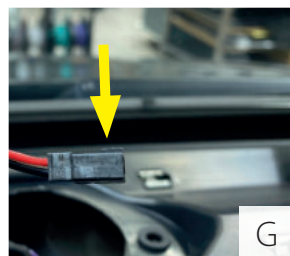


- Disconnect the purple-white marked cable, insert the cable switch (Fig. C) and reconnect the loudspeaker (see Fig. D).
- finally reinsert loudspeaker and clip in cover

**Attention: On some vehicles the original Mercedes connectors have been swapped. In this case, the connector must be modified as follows:**



- If the factory speaker connector has a pin on the end of the plug (see Fig. E), carefully separate it with a knife (see Fig. F).



- Repeat this for the connector of the Jehnert Center crossover (Fig. G/H) so that the connection fits between the crossover and the factory connection cable.

**Note:** keep the radio playing while unplugging the center speaker. No sound should be played, otherwise the emergency system has been interrupted.

## 6. woofer mounting in the side panel

### 6.1 Optional recommendation: Insulation of the side paneling

- Line the side cladding with Alubutyl, then glue insulating fleece over the entire surface.

### 6.2 Preparation of side panel and mounting woofer incl. mounting ring

- Install woofer crossover with collar screw 3.6x16 in the side panel to the outer wall of the vehicle.  
make sure that this does not cause any vibrations or short circuit (by screw).
- Then connect the original woofer cable to the crossover and connect the crossover output to the woofer.
- Position and mount the woofer incl. mounting ring on the factory speaker cutout on the side panel using the supplied screws.
- Place the cover grille on the speaker ring.



Bsp.Abb. Fiat Ducato (Hymer Reisemobil)

### 6.3 All assemblies

- Screw the disassemblies back on or install them again

#### Warranty:

As the manufacturer, we warrant these sound systems for 2 years from the date of purchase from the 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 faults. 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.

If you have any questions, please do not hesitate to contact our team in Pliezhausen:

### JEHNERT SOUND DESIGN

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