

SOUND EXPERIENCE ON THE ROAD ...

MOTORHOME SOUND SYSTEMS

Status 09/23



TO THE PRODUCTS



Concorde
REISEMOBILE AUS LEIDENSCHAFT



MORELO
FIRST CLASS REISEMOBILE



Sound system „Cab“:

To optimize the sound characteristics in the mid-treble range of the cab, a high-quality mid-treble system is positioned in the A and B pillars above the dashboard. This special arrangement acoustically forms a so-called stereo triangle and ensures wide-ranging stage imaging and optimum radiation. Since the dashboard does not offer any installation options for loudspeakers at the factory, special loudspeaker mounts, so-called „mid-tweeter modules“ have been developed.

For color matching, the leather can be selected in black or cream beige. The extension with 165mm woofers in the side panels perfectly round off the frequency response downwards.

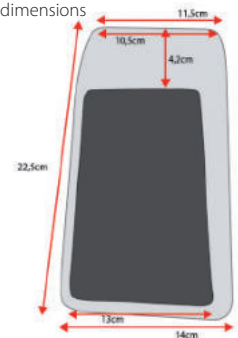
Speaker placement:

2x 165 mm JEHNERT Power Woofer „XM165“
 2x 80 mm midrange driver „XE80“
 2x 26 mm neodymium softdome tweeter „XE26A“
 JEHNERT crossovers, vehicle specific calibrated

Technical data:

Power handling continuous / music: 2x 80 / 160 watts
 Frequency range: 49 - 22.000 Hz
 impedance: 4 Ohm
 rec. Amplifier power: from 2 x 50 - 100 watts @ 4 Ohm

Mid-high module dimensions
 „Maxi Liner“



Sound system „Living area“

In order to be able to enjoy excellent sound performance even in standby mode, the cab system was in the living area by two high-quality loudspeaker boxes of your choice with a 2-way system. The acoustically best placement is the area in the seating area as well as the entrance area.

Result: The complete system achieves a perfect spatiality - no matter in which sitting position the listener is in.

The connection to the TV is of course possible, if this was not already done at the factory.

Living room boxes of your choice:

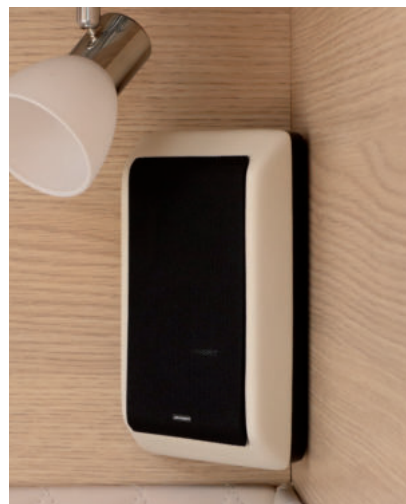
For the living room boxes, we recommend the Multibox „6600“ or „7000“. The box „7000“ is slightly smaller, but needs an additional subwoofer in any case.

For color matching to your interior, you can choose between 8 different colors.

For room sound supplementation, the living room boxes are installed in the corner area partition kitchen and at the entrance. This creates a perfect room sound. However, the position of the speakers can also vary during installation.

Color and finish will be determined on site. You can choose between different colors to integrate the living room boxes also color in your vehicle.

Speaker system:	1x »XE26« / 1x »XE80«
Load capacity duration/ music:	50 / 100 Watt
Transmission range:	100 - 22.000 Hz
Impedance:	4 Ohm
Dimensions (L x W x D):	24 x 11,5 x 7,7 cm
Weight:	1.000 g



Bass reflex subwoofer:

The extremely compact subwoofer with a 20 cm / 8" woofer with quadcoil voice coil is mounted under the seating area. This provides spirited sound dynamics (no annoying vibration noise and booming bass!) and perfects the surround sound in the low frequency range. It precisely supports the fundamental range and optimizes the system with powerful low bass. This subwoofer is the best example of how intelligent interaction between amplifier and loudspeaker can provide rich bass pressure in the vehicle, even with extremely compact dimensions, thanks to sophisticated DSP technology. The secret lies in the meticulous matching of the components to each other - only as a team with the amplifier can this subwoofer reach its sonic peak.

General data:

Power RMS / Max: 200 / 400 watts
 Efficiency: 87 dB 1W / 1m
 Impedance: 4 x 3 Ohm
 Linear diaphragm stroke: +/- 6.5 mm



»17000«

Dimensions: 35 x 35 x 15.3 cm
 Weight: 7.4 kg



»17005«

Dimensions: 31 x 23,5 x 19,3 cm
 Weight: 5,6 kg



»17011«

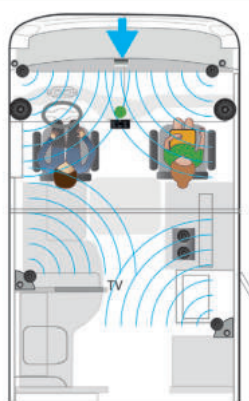
Dimensions: 33,6 x 31,7 x 16,6 cm
 Weight: 7,4 kg

Amplifier control for subwoofer control & setup switch (Art.-No. 68495)

The universal wired remote control allows various functions such as subwoofer intensity. The respective configuration options are programmed with special software. The remote control can be used to switch between two sound setups, for example. This has the great advantage that the sound can be specifically adjusted for driving and stationary mode in each case.

To use the setup change, the amplifier must be specifically programmed.

Driving mode

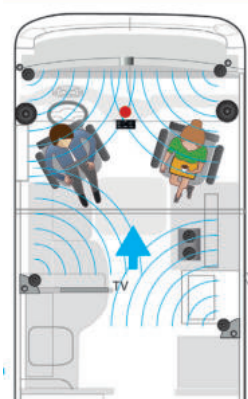


Positioning and adjustment of the individual loudspeakers by means of a time-of-flight correction to the driver's seat.

The sound reproduction is mainly from the front.



Standby



Positioning and adjustment of the individual loudspeakers to the driver and passenger seats without runtime correction.

- Rear speakers become the front speakers
- Front speakers become the rear speakers

Digital 5-channel amplifier:

The digital 5-channel amplifier is extremely powerful and serves as a „turbo for the sound system“. It has a dynamically controlled switching power supply, which reduces heat generation and power consumption to an absolute minimum. A special sound setup has been developed for „fine tuning“. However, each vehicle will be completely calibrated and tuned again on site when the installation is completed - individually to your vehicle. Jack connection via radio / TV / smartphone or similar is also possible. The extension card slot allows the expansion of the device with additional interfaces such as Bluetooth® audio streaming or an AUX input.

Technical data	„High power“ 5 channel amplifier
Load capacity duration / music „front & rear channels“	8x 55 / 110 Watt @4 Ohm
Load capacity duration / music „front & rear channels“	1x 280 / 560 Watt @2 Ohm
Power consumption in general / theoretical values:	
• High volume	20A / 240 Watt
• Medium volume	10A / 120 Watt
• Quiet volume	3A / 36 Watt
Quiescent current	< 1 mA
Undervoltage detection	9,6V (max. 5 sec. down to 6V)
Power consumption in Power Save mode	< 250 mA
Transmission range	20 - 22.000 Hz
Dimensions (H x W x D)	44 x 185 x 166 mm
Weight	1.840g



Optional extension:

By default, each system is passive, if more power is desired, it is possible to expand the system with a 25cm or even 30cm subwoofer (depending on the space available). The standard package includes a 20cm subwoofer, which is installed in the seating area. For a 25cm subwoofer dimensions of 36,5x35x29cm should be planned. For a 30cm subwoofer 40x40x34,5cm.

Alternatively, the complete front system can be actively controlled by an additional amplifier for the subwoofer.

AUX-In or Bluetooth® integrated in the amplifier

The AUX or Bluetooth® module expands the amplifier with a Bluetooth® audio streaming function or an AUX connection.

The „High-Power“ version of the amplifier already has an AUX module integrated, but this must be enabled. If both a connection via AUX and a Bluetooth connection via the „standard“ amplifier is desired, it is possible to install the AUX module (11062-AUX jack) on the PCB. With both performance variants, a Y-adaption 1x AUX for the TV, and at the second AUX connection an external Bluetooth module (Art.No.: 68497) can be connected.



Designation	Item number
integrated BT modu „Standard“	11062-BT
AUX input „Standard“	11062-AUX-Klinke
AUX activation „High-Power“	64111-AUX-Klinke

Amplifier in bedroom

AMP V40 CampTec 4-channel amplifier

The high-level 4-channel amplifier for radio, TV, smartphone and tablet

The compact and versatile JEHNERT® „Mini 4-channel amplifier“ Amp V40 CampTec, convinces with its new innovative technology, easiest operation as well as a change of the desired music sources.

With a total power of 320 watts/2ohms, a speaker system front and rear can be easily operated or a front system including subwoofer. Thanks to the very innovative and efficient technology, the existing power supply of the radio can be used for the power amplifier.

(No external power supply necessary).

The amplifier is also switched on in TV mode by signal detection (no additional remote switch necessary).

- Radio connection: High power input for automatic power on.
- TV connection via AUX-In TV, jack input 0.1-5V adjustable
- BT connection via BT AUX-IN, jack input 0,1-5V adjustable
- 2x 3,5mm jack input - incl. 2m jack cable
- High-Level / RCA input as well as RCA input through plug & play snap-in connections granted

Technical data	„AMP V40 CampTec“ 4-channel amplifier with 2x jack and 4x high/low level input
Operating voltage	10- 16 V
Output power at 14.4 V	4x 40/80 Watt – @ 4 Ohm
-RMS power @4/2 Ohm stereo	4x 60/120 Watt –@ 2 Ohm
High pass filter (HPF) channel 1+2 infinitely variable	from 50 to 4,000 Hz
High pass filter (HPF) channel 3+4 infinitely variable	from 50-400 Hz
Low pass filter (LPF) channel 3+4 infinitely variable	from 80 -2.500 Hz
Fuse	1x 15A
Dimensions (H x W x D)	45 x 162 x 80 mm
Weight	400g
Order no.	11306



Interference suppression filter

The noise filter with 3.5 mm jack connector filters out noise (hum, crackle, whistle) that can be caused by electrical equipment of the vehicle. The filter is connected „plug & play“ between the audio source (TV or radio) and the amplifier.

The noise filter prevents most of the noise that occurs in the vehicle.

- eliminates noise, ground hum, grounding problems
- Frequency: 2 - 20.000 Hz
- connection through 3,5 mm jack
- no power supply necessary





Bedroom & Rear Seating Systems

For TV and radio in sleeping area

The sound packages for expansion in the living area with rear seating group or sleeping area, include two living area boxes of your choice in both package variants. The sound package 1 contains a mini 4-channel amplifier, which has 2x AUX connections. Optionally, a subwoofer with 1x 165mm dual voice coil can be added for low frequency extension. The sound package 2 includes 2x multiboxes and a subwoofer of your choice, a digital 5-channel amplifier and a 5m stereo jack cable for connection to TV, radio, smartphone or even tablet. Due to the innovative design, the living room boxes harmoniously complement the homely ambience. The power-saving 5-channel amplifier with the latest 56-bit DSP technology, as well as a subwoofer selectable in different sizes, ensures impressive sound dynamics. Depending on the sound requirements, the system can be optionally expanded with two additional living room boxes, thus further perfecting the spatial reproduction.

Sound package 1

- 2 x Multibox of your choice: 6600, 6600-4K, 7000 or 7000-4K
- digital 4-channel amplifier AMP V40 CampTec
- incl. pre-installed vehicle specific sound setup
- „plug & play“ connection cable for subwoofer and amplifier
- if there is no extra radio installed in the sleeping area, you need the AUX input to connect TV and radio. Optionally with jack splitter, so that a Bluetooth module can also be supplemented (music playback without switching on TV).



4-channel amplifier AMP V40



2x Multibox of choice

Product description	Art.-No.	MSRP
Sound package 1 without low frequency extension	69201-001	450,-
Sound package 1 with low frequency extension	69202-002	575,-
Optional accessories	Art.-No.	MSRP
Interference suppression filter „plug & play“ prevents noise from TV or radio	68499	20,-

Soundpaket 2

- 2 x Multibox of your choice: 6600, 6600-4K, 7000 or 7000-4K
- subwoofer of your choice
- digital high power 5-channel amplifier
- incl. pre-installed vehicle specific sound setup
- plug & play“ connection cable for subwoofer and amplifier
- if there is no extra radio installed in the sleeping area, the AUX-connector is needed additionally. Optionally with jack splitter, so that a Bluetooth module can also be added.



5 channel DSP amplifier



Subwoofer of choice



2x Multibox of choice

Product description	Art.-No.	MSRP
Sound package 2 with digital 5-channel amplifier	69202-62	1.149,-
Sound package 2 with digital high power amplifier	69202-82	1.314,-
Optional accessories	Art.-No.	MSRP
Interference suppression filter „plug & play“ prevents noise from TV or radio	68499	20,-



Integrated motorhomes „Liner class“

Sound package 1 »Cab«

Cab:

- 3-way sound system (item no. 60500)
- subwoofer of your choice
- digital high power 5-channel amplifier
- incl. pre-installed vehicle specific sound setup
- „plug & play“ connection cable for subwoofer and amplifier



3-Wege Frontsystem



5 channel DSP amplifier



Subwoofer of choice

Sound package 2

Cab:

- Scope of delivery sound package 1

Living area:

- 2 x Multibox 6600, 6600-4K, 7000 or 7000-4K
- Color at choice



2x Multibox of choice

Product description	Art.-No.	MSRP
3-way cab system	60500	579,-
Sound package 1 with digital high-performance amplifier „64111-TPG“	60501-86	1.474,-
Sound package 2 with digital high-performance amplifier „64111-TPG“	60502-86	1.774,-
Optional accessories	Art.-No.	MSRP
Amplifier controller to control subwoofer & setup switch	68495	39,-
AUX input integrated in the amplifier („standard“ amplifier)	11062-AUX-Klinke-Standard	99,-
AUX activation („high-power“ amplifier)	64111-AUX-Klinke	50,-
Bluetooth module integrated in amplifier	11062-BT-Standard	129,-
Bluetooth module external	68497	59,-
Interference suppression filter for TV	68499	20,-
Y-adapter for amplifier/Bluetooth module	68496	9,-
Insulation package Integrated motorhome	27940	34,-

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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