

● **BLAUPUNKT**

Mono Amplifier

THA500.1



Enjoy it.

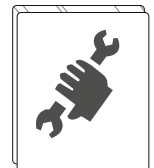
Blaupunkt India Private Limited
47, Atlanta Society, Nariman Point, Mumbai- 400 021. Maharashtra. India.
Toll Free: 1800 209 6820 | info@blaupunktcar.in
www.blaupunktcar.in

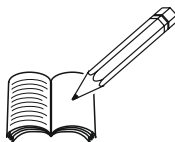


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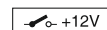
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Connection examples

- Connection of the voltage supply.....Fig.2
- Audio inputs.....Fig.3
- Loudspeaker connections.....Fig.4/5



Remote connection of the amplifier with switchable +12V voltage source. This allows the amplifier to be switched on and off using the on/off-switch of the radio device.

Level control

The Level control is used to adjust the input sensitivity of the power amplifier to the output voltage of your car sound system preamplifier output.

The adjustment range is from 0.2V to 5V.

If a car sound system of a third party manufacturer is connected, the input sensitivity must be adjusted corresponding to the manufacturer data.

An important explanation in this context:

By turning the control clockwise, the input sensitivity of the amplifier and, therefore, also the volume increases. However, this is not a volume control; no further amplifier output can be achieved in the full position, even if it may sound like that at the beginning. The system merely increases the volume faster if the volume control of the car sound system is turned up.

DC Offset-4

When connecting to an OE radio, it may not be possible to connect the remote turn on lead on the amplifier, please use the high level input available on the side panel & turn on DC Offset to automatically turn on/off the amplifier when the OE radio is turned on / off.

Loudspeaker connections

As with every audio component, the correct polarity of amplifier and loudspeakers is important for a good bass response. For this reason, ensure that the positive (+) connection of the amplifier is connected with the positive connection (+) of the loudspeaker; the same applies to the negative (-) connections. In addition, the left amplifier channel must be connected with the left loudspeaker and the right amplifier channel with the right loudspeaker.

Caution:

Amplifier load must not be lower than 2 Ohms. A lower load leads to overheating & cause the amplifier to switch off & can cause permanent damage.

Adjusting the type and range of the frequency crossovers

With the THA 500.1, the type of frequency crossover (i.e. "Low Pass") and the desired frequency can be adjusted. For example, if a subwoofer is connected, the low-pass settings shown are required (Fig. 3). The frequency is dependent upon the frequency range of the loudspeakers (see recommended frequency range of the loudspeakers).

Low-pass frequency control

This control is active if the switch is in the position "Low-Pass", and allows for setting the desired entry frequency.

Example: At a setting of 120Hz, the amplifier has a frequency range of 50Hz to 500Hz. (Ideal for Subwoofers).

Bass boost

The bass boost control is used to adjust the bass response of the amplifier.

The setting options are: 0 dB / +6 dB.

Power-on indicator (PWR/PRO)

Green LED: Output stage on, regular operating status.
Red LED: Output stage is electronically switched off due to an error.

Recycling & Disposal

Please use the return and collection systems available to dispose of the product.

Subject to changes

Installation

Fig. 1

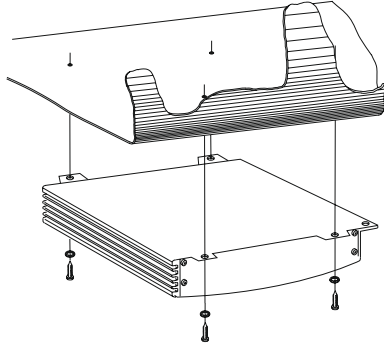


Fig. 2

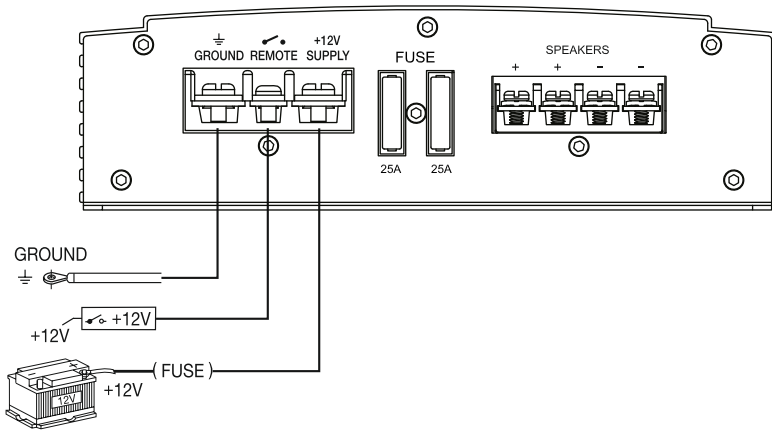
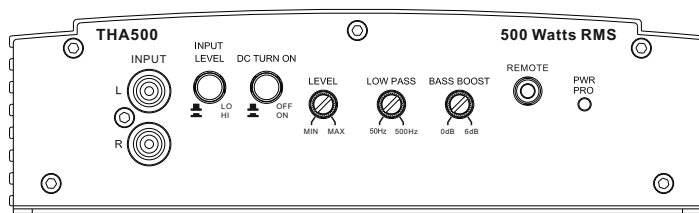


Fig. 3



Installation

Fig. 4

