

Триома

Разработка и производство
интерфейсных адаптеров



**Adapter for amplifier
Model BMW-AMP**

Service manual

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Chapter 1. Description

This device allows you to keep the original amplifier with DSP in audio system BMW when replacing the original head unit. The adapter has been tested on BMW X5 (E53), Mini Cooper (2003).

The adapter turns on the amplifier in the following mode: volume - max, tone - 0, balance - 0, fader - 0, the adapter inputs designed for the 1 volt signal. If the outputs of the unit does not match the specified setting (1 volt), it is possible to manufacture the adapter with modified parameters.

Thus, the volume, tone and balance are performed by the head unit. In the case where the acoustics (front and rear) is connected to the amplifier, adjusting «Fader» is not supported.

If the front outputs of the head unit connected to the amplifier, i.e. the amplifier only works on the acoustics front, but rear acoustics be connected directly to the outputs on the rear acoustics of the head unit, then adjust the "Fader" will function.

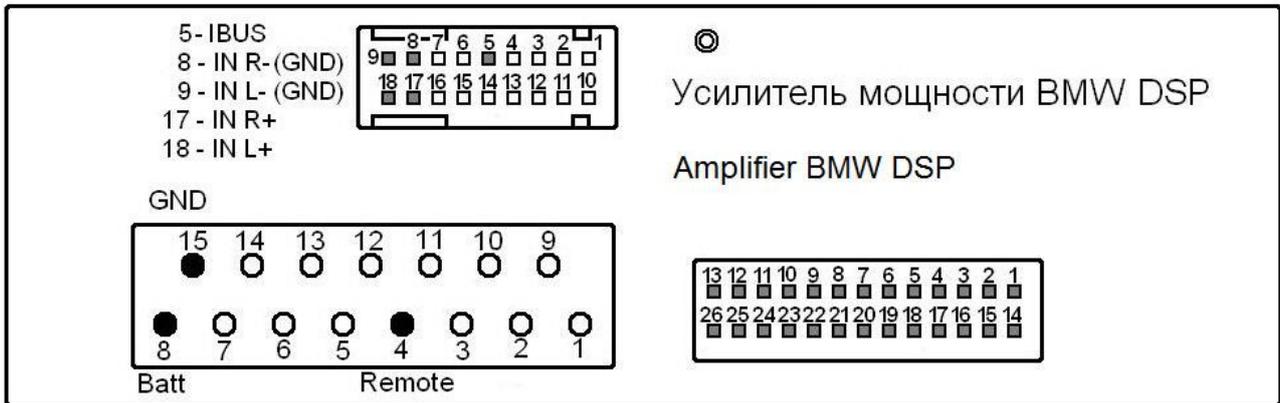
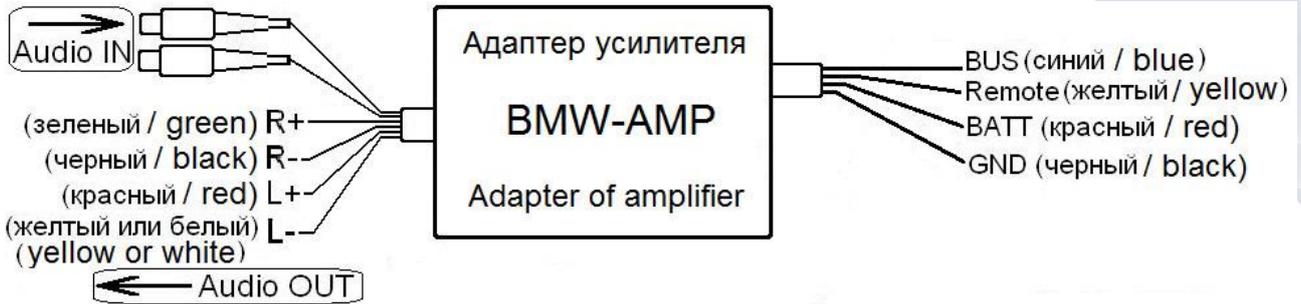
Chapter 2. How the adapter works

Adapter once activates original amplifier when a voltage on the yellow wire. The yellow wire of the adapter must be connected to the wire of "ACC" original amplifier and, together with it can be connected to the contacts "ACC" car or "Remote" installed head unit. In the first case, the amplifier will turn on when the ignition is switched on, the second when you turn on the radio. Off - respectively.

The adapter has built-in audio circuit for broadcasting a sound signal, performed a differential circuit with balanced outputs.

Also you can connect the audio outputs of the head unit directly to the contacts of a original amplifier without using the built-in sound controller circuits. In this connection the level of the signal is reduced in two.

Note: if the original amplifier with DSP manufactured by Philips, one of the pairs "IN R" or "IN L" can be grounded in the amplifier.



Разъемы
головных аппаратов BMW
Connectors of head units BMW

