

I have a 2000 BMW 540iA with Premium Sound DSP and Navigation, so I wanted to find out what all the wires for all 3 connectors to the DSP amp were, well thanks to Dwayne Mosley (from bimmer.org forum) for providing this information to me.

2000 DSP Premium Sound connector information

The pinouts for the **15** pin connector are:

PIN - CONNECTION

- 1- Sub 1 +
- 2- Sub 2 +
- 3- LH Rear loudspeaker + (Touring LH rear speaker ground)
- 4- Radio on/antenna signal
- 5- RH rear loudspeaker + (Touring RH rear +)
- 6- Sub 4 -
- 7- Sub 3 -
- 8- Terminal 30 connects to Fuse 56
- 9- Sub 1 -
- 10- Sub 2 -
- 11- Touring LH rear +
- 12- Touring RH rear -
- 13- Sub 4 +
- 14- Sub 3 +
- 15- Terminal 31 connects to Ground Point

The pinouts for the **18** pin connector are:

PIN - CONNECTION

- 1- Not used
- 2- Low freq. negative (-) signal - Transceiver/charging electronics
- 3- Not used
- 4- Not used
- 5- I-bus Signal Line - Splice X18344
- 6- Not used
- 7- Not used
- 8- RH front speaker - Connects to Radio
- 9- LH front speaker - Connects to Radio
- 10- Not used
- 11 Low freq. voltage (+) signal - Transceiver/charging electronics
- 12- Not used
- 13- Telephone mute signal - Transceiver/charging electronics
- 14- Not used
- 15- Telephone ON signal - Transceiver/charging electronics
- 16- Not used
- 17- RH front speaker + - Connects to Radio
- 18- LH front speaker + - Connects to Radio

The pinouts for the **26** pin connector are:

PIN - CONNECTION

- 1- LH front woofer +
- 2- LH front woofer -
- 3- Not used
- 4- RH front mid-range -
- 5- LH front mid-range +
- 6- Not used
- 7- Not used

- 8- Not used
- 9- RH front mid-range +
- 10-LH front mid-range -
- 11-Right rear mid-range speaker/tweeter +
- 12-RH front tweeter +
- 13-RH front woofer +
- 14-LH front tweeter +
- 15 LH front tweeter -
- 16-Left rear mid-range speaker/tweeter -
- 17-Not used
- 18-Not used
- 19-Left rear mid-range speaker/tweeter +
- 20-Not used
- 21-Not used
- 22-Not used
- 23-Not used
- 24-Right rear mid-range speaker/tweeter -
- 25-RH front tweeter -
- 26 RH front woofer -