

DSP VOLUME SETUP INSTRUCTIONS FOR THE DYNAVIN N6 - E39/E53 BMWs WITH DSP ONLY

Note: All M series E39s and E53s have DSP. Also, if your car does not have stock navigation, the stock stereo would have a DSP button if it has DSP. You can always check www.bmwvin.com to know for sure.

The DynOS 1.1.1 firmware added many improvements in the way the various source volumes are handled, in particular the way navigation and media volume are controlled. Navigation volume can now be adjusted separately from the media volume simply by turning the volume knob while the navigation voice is speaking. However, due to the way the E39 and E53 DSP audio systems work (volume is controlled in the amp, not the head unit) extra setup is required for this new feature to work in DSP equipped cars.

- 1: In the SOUND menu turn DSP mode off (unchecked).
- 2: Use the STEERING WHEEL volume control to turn the DSP amp volume all the way down to avoid damaging speakers.
- 3: Play music and set the DYNAVIN's volume to about half way on the displayed volume scale using the volume knob. Since the DSP amp is turned down you should not hear anything.
- 4: Using the steering wheel volume control, turn up the DSP amp volume until you can hear the audio at a comfortable level making sure it is not loud.
- 5: Set the voice volume within iGo volume settings to about 30% of its range. The "master volume" should be set to maximum.
- 6: When you touch the voice volume slider or change voices you will hear the nav voice speak. While the nav voice is heard, use the Dynavin's volume knob to adjust the volume to match the volume of the music. When you are adjusting the nav volume, the volume scale at the top of the screen will turn green instead of red.
- 7: Once satisfied that the music and nav volume are similar, use the STEERING WHEEL controls to turn the volume all the way down.
- 8: Turn the Dynavin's volume knob until the onscreen volume display shows between 50%-75% (how high you set the volume here will set the systems maximum output level).
- 9: Go back to the Dynavin's sound menu and turn on DSP mode (checked). This will "lock in" the relative volume levels and return volume control to the DSP amp.**
- 10: Slowly turn the volume back up using the steering wheel controls. If it does not go loud enough, use the DSP level adjustment to gain more output. If you can't get enough output, uncheck the DSP box, go back to step 8, and turn the volume to a higher setting.

If needed, you can still use the volume settings within the iGo menu to tune the nav volume at a level you prefer.