



# PXA400.4 Programming for JVC MR1

## Amplifier Re-Tuning Guide

Thank you for choosing an SSV Works audio kit! Your amplifier has been pre-tuned by our technicians for optimal sound quality. While you can adjust the tuning to fit your vehicle and personal preferences, improper tuning may lead to sound distortion or even damage to your speakers, subwoofers, or amplifier.

Before making any adjustments, we recommend listening to various songs across different genres (rock, jazz, country, pop, etc.), as audio quality can vary depending on the source or streaming service. If re-tuning is necessary, follow the steps below for proper gain adjustment:

### Gain Adjustment Steps:

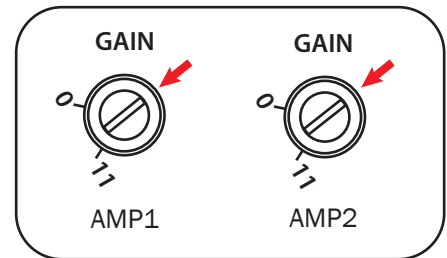
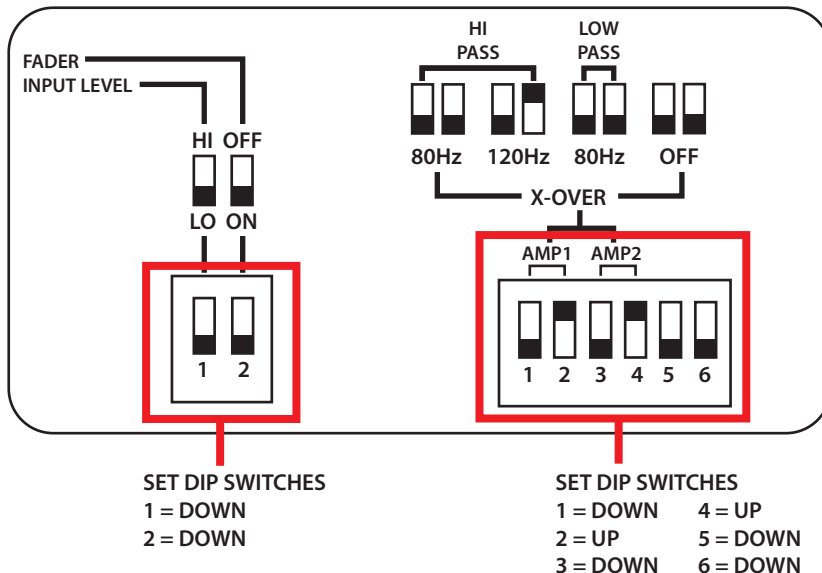
1. If a separate subwoofer amplifier is installed, **turn down the subwoofer gain completely** before starting.
2. Locate the gain controls on the PXA400.4 amplifier:
  - **Gain, Amp 1:** Controls the front speakers.
  - **Gain, Amp 2:** Controls the rear speakers

**IMPORTANT: If the radio has Bass/Treble and Subwoofer volume controls, make sure the Bass volume and subwoofer level on the radio is set to MAX before tuning the amplifier.**

3. Set the radio volume to **75%**
4. Play a music track with strong bass, clear vocals, and crisp highs.
5. Using a small flathead screwdriver, slowly increase the **Gain Amp 1 (Front Speakers)** until you achieve **maximum undistorted sound**.
6. Using a small flathead screwdriver, slowly increase the **Gain Amp 2 (Rear Speakers)** until you achieve **maximum undistorted sound**, matching the front speakers.
7. Once the speakers are tuned, **gradually increase the subwoofer gain** (if a separate subwoofer amplifier is installed) to blend seamlessly with the speakers. You may need to make small adjustments to the speaker gains after setting the subwoofer level. *If you are running Kicker Horn speakers, we recommend slightly lowering the gains on the PXA400.4 to maintain a balanced soundstage as these high-output speakers pack serious power and can easily dominate the system.*
8. Play different music tracks to confirm the settings. Adjust the Bass and/or Subwoofer level volume on the radio to your preference.
9. Secure the tuning control panel cover with screws to ensure proper waterproofing.

**⚠ Disclaimer: Modifying the amplifier settings beyond the recommended tuning may void your warranty.**

### SSV Works Recommended Settings



*Remember, increasing the GAIN does not mean higher volume.*

*A perfectly adjusted gain setting reduces noise, distortion and prevents speaker damage.*