

## ZO<sup>2</sup> Do's and Don'ts

### Do:

- Read and follow all instructions contained in the ZO<sup>2</sup> Smart Start Guide.
- Set all equalizer, tone, treble, and bass controls to flat (no boost or cut).
- Turn off all other sound processing software associated with your audio player and/or listening device (e.g. SRS, Dolby, BBE, etc.).
- Fully charge the battery before first use.
- Place ZO<sup>2</sup> in the appropriate Gain Mode for your intended application:
  - » High Gain (default mode) when connecting ZO<sup>2</sup> to your player's headphone output jack
  - » Low Gain when connecting ZO<sup>2</sup> to an audio source with a non-adjustable output level such as a Line-Out Dock.

### Don't:

- Set ZO<sup>2</sup>'s contour level at green and try to control bass using the player's Equalizer or Bass Control settings:
  - » ZO<sup>2</sup> was designed to be the primary means for reproducing bass, and it can provide as much as 20dB of gain at ~30Hz depending upon source drive and load conditions.
  - » ZO<sup>2</sup> contains frequency control circuitry for adjusting its bass response. When ZO<sup>2</sup>'s contour level is set to green, these circuits block bass frequencies from entering its bass drive amplifiers. Therefore, increasing bass input when ZO<sup>2</sup> is set at Green will either result in no bass output change or a distorted output.
- Exert excessive force on ZO<sup>2</sup> Input/Output jacks. Male audio plugs with long handles and/or rigid cables can place large mechanical stress on the ZO<sup>2</sup> female audio jacks. Also, don't try to insert or remove plugs/cables at an off-angle to the centerline of ZO<sup>2</sup>'s jacks.

## Tips and Tricks

- Always setup ZO<sup>2</sup> first, then tweak other equalizer and sound processing features thereafter.
- If you encounter distortion when listening at a very high volume when ZO<sup>2</sup> is set to red, gradually reduce the contour level until the distortion is eliminated.
- If you are having difficulty achieving a high enough volume level, and even though you think you are in High Gain mode, you actually may not be. View the following video to be sure: [ZO<sup>2</sup> Gain Mode Video](#).
- When ZO<sup>2</sup> detects a low battery condition it automatically exits High Gain Mode and enters Low Gain Mode to conserve battery power. If this occurs while you are listening in High Gain Mode, you will hear a sudden decrease in volume. However, the High Gain Mode indicator will remain Pink in color. After recharging the battery, you will need to manually reset ZO<sup>2</sup> into High Gain Mode. Rotate the switch downward until the LightBar display changes from Pink to Purple to Blue. Then follow the instructions explained in the Quick Start Guide and/or the YouTube video above.