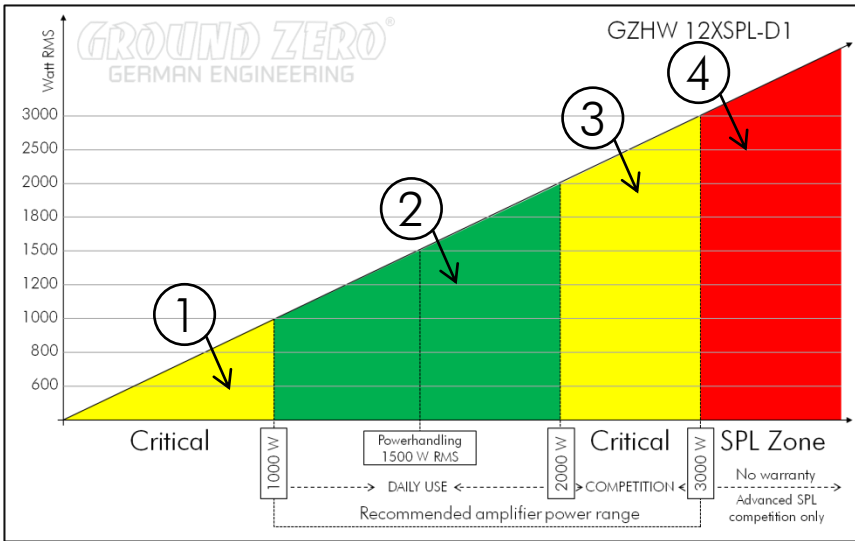
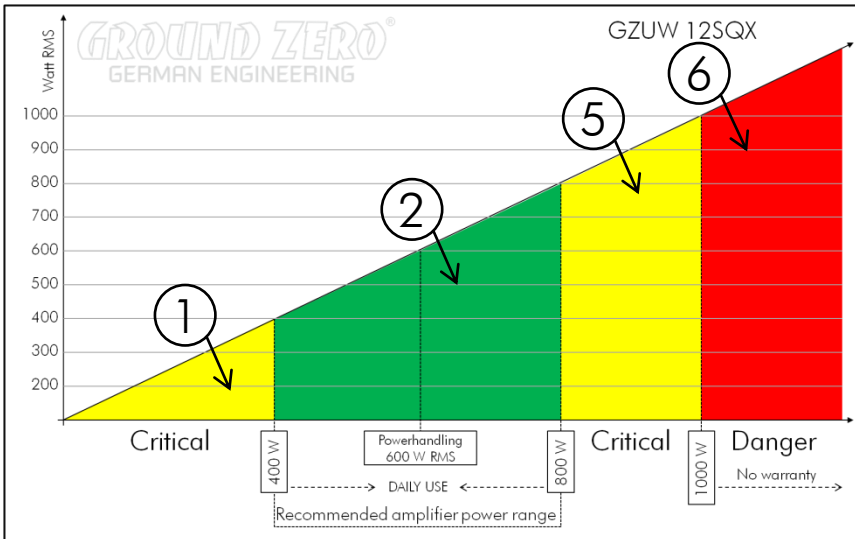


SPL Woofers



Example: GZHW 12XSPL-D1
 Powerhandling: 1500 WRMS / 3000 W SPL Power
 Recommended amplifier range: 1000 – 3000 WRMS

Non-SPL Woofers



Example: GZUW 12SQX
 Powerhandling: 600 WRMS
 Recommended amplifier range: 400 – 800 WRMS

IMPORTANT NOTE

Generally, the specifications shown in the diagram prescribe professional installation, stable power supply, high quality wiring, correct enclosure design and tuning as well as careful and proper level adjustment of the amplifier. Neglecting these conditions may lead to damage to speaker / subwoofer even following the recommended specifications.

- 1** Critical range of low power input (SPL & Non-SPL)

Generally, subwoofers act somehow even with low power. However, less power input than recommended (Green Zone) may lead to increased clipping causing serious damage to the voice coil due to supplied DC voltage. Such a defect is consequently not covered by the product warranty.
- 2** Recommended range of optimum amplifier power (SPL & Non-SPL)

For regular daily use and music reproduction we recommend connecting amplifiers with the specified RMS power output mentioned in the diagram. Note the resulting impedance depending on the wiring of multiple voice coils or subwoofers when selecting a suitable amplifier.
- 3** Critical range of high power input (SPL)

Ground Zero SPL subwoofers handle a wide range of power input. Particularly for a short time, the RMS input power may be increased to the double value of the specified RMS power handling. For this reason, the upper critical zone shows an extended power input range.
- 4** Pure competition power input range (SPL)

Ground Zero SPL subwoofers are able to reproduce even higher SPL levels for limited time in competition use. However, this application is restricted to advanced competition participants and excludes completely any product warranty.
- 5** Critical range of high power input (Non-SPL)

The upper critical zone specifies a range of not recommended permanent power input with increased risk of damaging the subwoofer by overpower.
- 6** Dangerous power input range (Non-SPL)

Supplying such high power will most likely lead to serious damage of the subwoofer and is absolutely not recommended. Ignoring of this warning will lead to complete exclusion of the product warranty.

