

WARHORSE AMPLIFIER COMPETITION MODE

Competition mode on the WX-Series Mono Amplifiers is designed to be used with an external DSP or processor. The intent of this feature is to allow you to control the crossover and gain of one or multiple amplifiers with an external processor without the need of interacting with the knobs on the amplifier's end panel. This will eliminate multiple issues in an SPL setup. It allows you to perfectly gain-match and crossover-match multiple amplifiers, as well as eliminate the phenomenon known as "pot creep". This happens with mechanical potentiometers in high SPL systems as the mechanical pots can move under heavy vibration. This can unknowingly affect the gain and crossover settings on the amplifier. Competition mode locks the gain and crossover settings of the amplifier, allowing you to accurately control and match multiple amplifiers with the use of a single external processor. This will make multi-amplifier system setup a breeze and help protect against component failure due to mismatched settings.



WHAT IT DOES:

1. Bypasses the input gain control knob and sets the input sensitivity to 4V RMS.
2. Bypasses the low-pass filter frequency adjustment and locks the low-pass crossover to 200Hz @ 24dB/octave.
3. Changes the cooling fan operation by applying a more aggressive fan curve to reduce increased heat produced during play for long periods at high power output.
4. Softens the over-current output protection so the amplifier is less likely to shut off on brief, high-output bursts on low impedance loads.

All the other functions of the amplifier remain the same including the subsonic filter and the turn-on method switches.