

CIRCUIT DESCRIPTIONS

The 264424C Series amplifier is a self-contained single board unit capable of up to 6 watts of output power with built in power control circuitry. The input signal is amplified by 2 gain blocks and a module capable of 70dB of gain, filtered by the output low pass filter and finally analyzed by the output coupler circuitry for excessive power. If overdrive level is sensed, the coupler and power control circuits compute a dc voltage that controls an electronic attenuator at the input of the unit. The attenuator makes the necessary adjustment to relieve the overdrive condition sensed by the output coupler.