

4.3 Audio Output Interface

Fig. 16 illustrates the audio output connections to a commercially available LM386 audio amplifier. It shows channels A, B, and C summed together to enable complex waveforms to be composed and amplified through a single external amplifier. These channels may be individually amplified through separate channels for more exotic sound systems.

Each output channel is individually controlled by separate amplitude registers (R10, R11, R12) and an enable register (R7) in the PSG.

Fig. 16 AUDIO OUTPUT INTERFACE

