AMPLIFIER



An amplifier increases the voltage of a weak signal from a microphone, mixer, electric instrument, radio tuner or tape replay head, making it powerful enough to drive a loudspeaker or earphone. It works by using the weak signal to regulate the flow of a much

stronger current, which normally comes from a battery or the electricity supplied. The key components that regulate the flow of the strong current are usually transistors. These two pages show the principles of amplification with a basic single-transistor amplifier.

the



