

EE599-020
Audio Signals and Systems

Amplifiers

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Related Web Sites

The understanding and design of amplifiers are primarily the domain of electrical engineers and technicians. Web sites below related to the design and characterization of amplifiers:

<http://www.pha.inecnet.cz/macura/audiopage.html>

http://www.elexp.com/t_audio.htm

<http://users.pandora.be/educyclopedia/electronics/amplifierclasses.htm>

<http://links.epanorama.net/links/audiocircuits.html#amp>

Amplifier Usage in Audio

Preamplifier – Amplify small signals to intermediate levels while maintaining good SNR and fidelity. Sometimes performing compression (nonlinear / logarithmic transfer characteristic to prevent hard clipping).

Intermediate Stage Amplifier – Amplify and process intermediate level signals with good SNR for mixing, equalization, compression, expansion, and other signal processing effects.

Power Amplifier – Amplifies high SNR intermediate level signals to high power levels for driving electro-acoustic transducers.