



INPUT SOURCE The input source in a sound system refers to any type of device that provides an audio signal - computer, microphone, portable music player, Compact Disc, etc.

MIXER An audio mixer is a device used to combine together multiple audio signals into one “mix” that can be outputted into the sound system. In addition to combining the audio together, the mixer can also affect the volume and quality of the audio signal.

EQUALIZER An equalizer, or EQ, is a device used to affect the frequencies of a sound. This device can either boost or limit the types of sound frequencies in an audio signal. The EQ is commonly used to change bass and treble, allowing you to adjust the sound to be either lower or brighter.

AMPLIFIER Audio is transmitted through the sound system at line level, a lower voltage electrical signal. An amplifier is an electrical device used to boost the sound signal from line level to speaker level - an electrical intensity great enough to drive a speaker.

SPEAKERS A speaker is a device that transforms the sound signal present in the sound system and transducing it into sound waves. There are a number of different types of speakers best used for different applications. It is important to recognize that a speaker cannot function without an amplifier powering it. Self-powered speakers do exist, however, combining the amplifier and speaker into one cabinet.