

# Panning

Panning is the spatialization of sound.

A pan control increases or decreases the level of a signal to the output channels. By “panning right” you are not only increasing the volume to the right channel but also decreasing the volume to the left channel. Another way of creating this effect is by using the “Haas” principle. The Haas principle involves a balanced level between or among the output channels. However, the signal reaches the output of one channel faster than the other channels. In doing so, the sound appears to be output through the channel it appears first.

An autopanner is a panner controlled by an LFO. The autopanner has one input and two outputs. The signal level of the two outputs is controlled by the LFO which sends a wave form to one side while the other side receives the inverse of that wave.