ABSTRACT

A SPEAKER FOR REPRODUCING SURROUND SOUND

The present invention relates to a speaker, and a method and surround sound system for processing multi-channel audio signals in each of a plurality of audio output sources for generation of surround sound in a listening area. In particular, the system comprises a transmitter for transmitting a left channel (L) signal and a right channel (R) signal to a speaker. The speaker comprises a processing unit configured to (a) receive an audio signal having a left channel (L) signal and a right channel (R) signal; (b) process separately and independently the L and R audio signals to produce processed signals; and (c) mix the processed signals to produce the surround sound signal.

(Figure 1)