

ABSTRACT

A sound adjustment device including a background sound source, an external sound source receiver, a frequency adjuster, a mixer, and an output port. A background audio signal provided by the background sound source is a mono audio signal. The external sound source receiver is used to receive an external audio signal. The frequency adjuster is used to receive and adjust the background audio signal into a left ear background audio signal and a right ear background audio signal. A first frequency of the left ear background audio signal and a second frequency of the right ear background audio signal have a frequency difference. The mixer is used to mix the external audio signal and the left ear background audio signal into a left ear audio signal, and to mix the external audio signal and the right ear background audio signal into a right ear audio signal.

FIG. 1