

METHOD TO MUTE AND UNMUTE A MICROPHONE SIGNAL

ABSTRACT

A method for muting and unmuting a microphone is provided. The method includes providing a processor, receiving an input microphone signal, measuring the input microphone signal for a loudness level at a sampling rate, calculating a mute threshold level, checking if the loudness level is higher than or equal to the mute threshold level, and resetting a mute delay timer upon determining that the loudness level is higher than or equal to the mute threshold level and obtaining the input microphone signal, or checking if the mute delay timer is running upon determining that the loudness level is not higher than or equal to the mute threshold level and attenuating the input microphone signal if the mute delay timer is not running or obtaining the input microphone signal if the mute delay timer is still running, and writing the input microphone signal or attenuated input microphone signal to an output buffer.

FIG. 1