ABSTRACT

A MULTI-MODE SOUND REPRODUCTION SYSTEM AND A CORRESPONDING METHOD THEREOF

There is provided a multi-mode sound reproduction system for reproduction of both stereophonic signals and multi-channel audio signals. The system includes a first pair of speakers positioned on a left portion of a user, the user being at a pre-determined facing, the first pair of speakers comprising a first primary speaker which is stackable with a first secondary speaker; a second pair of speakers positioned on a right portion of the user, the user being at the pre-determined facing, the second pair of speakers comprising a second primary speaker which is stackable with a second secondary speaker. The system may preferably include an arrangement of electronic components for controlling output of audio signals from the first pair and the second pair of speakers. It is preferable that in a first mode with the first and second pair of speakers in an unstacked configuration, the signals do not pass through the arrangement of electronic components prior to output. It is also preferable that in a second mode with each of the first and second pair of speakers in a stacked configuration, the arrangement of electronic components allows either stereophonic signals or multi-channel audio signals to be separately processed and reproduced in the first pair and the second pair of speakers. A corresponding method is also disclosed.

Figure 3