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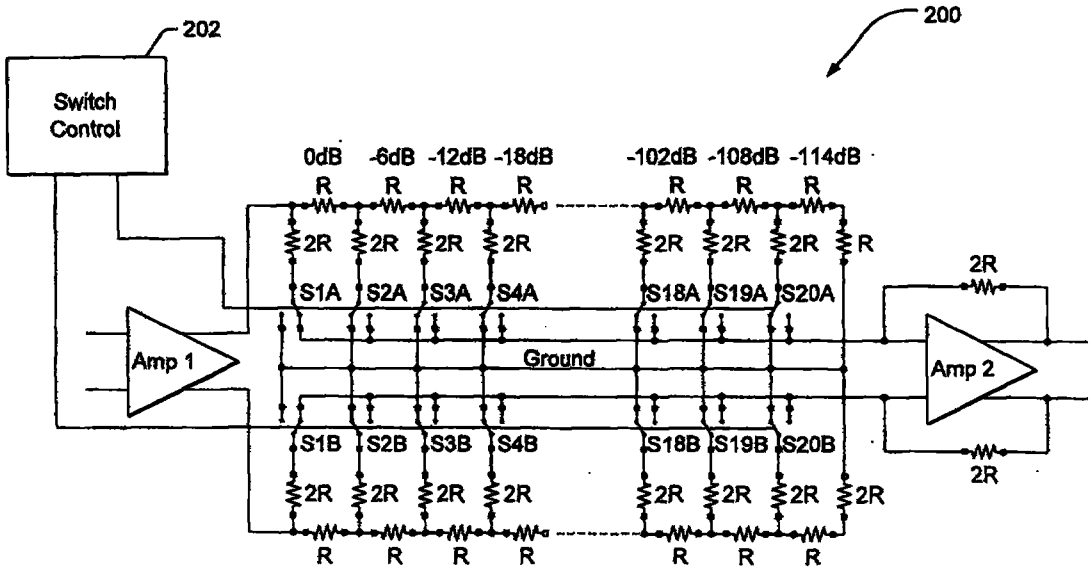

(57) Abstract

A control circuit (200) for controlling a level of an audio signal and transmitting the signal to an amplifier (AMP2) is described. The control circuit is based on an R–2R resistor network having a plurality of resistor nodes. A plurality of switches (S1, S2) alternately connects each of the plurality of resistor nodes to one of a plurality of low impedance nodes and a low impedance input node associated with the amplifier. Switch control circuitry (202) selectively controls the plurality of switches to transmit the audio signal to the low impedance input node.