What is claimed is:

1. An audio communication channel circuit of an audio apparatus comprising an audio connector, an identification circuit, a first audio communication channel and a second audio communication channel, wherein, an output terminal of the first audio communication channel is connected to one of a first pin and a second pin of the audio connector via a first capacitor, an output terminal of the second audio communication channel is connected to the other one of the first pin and the second pin of the audio connector via a second capacitor, a first terminal of the identification circuit is respectively connected to one of the first pin and the second pin and the first capacitor, and a second terminal of the identification circuit is respectively connected to the other one of the first pin and the second pin and the second capacitor; the audio communication channel circuit is characterized in further comprising:

a first pull-down resistor with a first terminal connected to the output terminal of the first audio communication channel and a second terminal connected to ground; and a second pull-down resistor with a first terminal connected to the output terminal of the second audio communication channel and a second terminal connected to ground, wherein, a resistance value of the first pull-down resistor and a resistance value of the second pull-down resistor are in a preset range, the first pin is one of a pin corresponding to a microphone (MIC) contact of a host and a pin corresponding to a ground (GND) contact of the host when the audio apparatus is connected to the host, and the second pin is the other one of the pin corresponding to the MIC contact of the host and the pin corresponding to the GND contact of the host when the audio apparatus is connected to the host.

2. The audio communication channel circuit according to claim 1, wherein, the first pull-down resistor comprises a plurality of resistors connected in series and/or parallel, and the second pull-down resistor comprises a plurality of resistors connected in series and/or parallel.

3. The audio communication channel circuit according to claim 1 or 2, wherein, the audio connector is a four-contact audio connector, the first pin is pin 3 of the four-contact audio connector and the second pin is pin 4 of the four-contacts audio connector, or, the first pin is pin 4 of the four-contact audio connector and the second pin is pin 3 of the four-contact audio connector.