

Method for an integrated audio communication interface

Disclosed is a method for an integrated audio communication interface. Benefits include improved functionality.

Background

Several specifications standardize digital telephone and VOIP communications, including the following:

- “RTSP: Real-time streaming protocol”, RFC 2326, dated April 1998 was published by Internet Engineering Task Force.
- “Session Initiation Protocol (SIP) – Specific Event Notification”, RFC3265, dated June 2002 was published by Internet Engineering Task Force.
- “Support for IPv6 in Session Description Protocol (SDP)” RFC3266. dated June 2002 was published by Internet Engineering Task Force.

Conventionally, products are available that select a single audio output from multiple input devices but does not combine and attenuate the individual sources. However, no combining or separating devices exist.

Description

The disclosed method is a single interface for all audio communications. The method can be implemented as a multi-purpose device that accepted input from one or more sources and outputs to one or more protocols and devices.

The disclosed method accepts input from multiple interfaces and devices, including cellular, land line, and VOIP telephone. The audio output can be directed to multiple interfaces and devices sources, including televisions, computers, and gaming devices.

The disclosed method supports transmission of audio signals to and from wired or wireless sources, such as infrared, radio-frequency identifiers (RFIDs), and mini jacks. The method has the capability to separate, combine, and adjust the volume from the various audio source inputs and to deliver the signal to the receiving device.

The disclosed method enables the use of one listening device (such as a headset) with multiple input devices. The method enables the monitoring of multiple audio levels.

For the disclosed method to be successfully implemented, the receiving device must include multi-source functionality.

Advantages

The disclosed method provides advantages, including:

- Improved functionality due to providing an integrated audio communication interface
- Improved functionality due to providing support for multi-source audio devices

Disclosed anonymously

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Notes from the Tech Writer

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