

1722.1 use cases

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Professional use case 1

Audio devices A and device B are configured by a computer. Device A needs to send an audio stream to device B. The connection must persist through power cycling and changes in IP address. The stream is identified by a persistent globally unique name (e.g. GUID) assigned by the computer.

Professional use case 2

Audio devices B and C advertise streams. Device A is configured through a simple text LCD front-panel interface. User of device A needs to be able to see a list of available (and compatible) streams on the network (as published by devices B and C) and select a stream for listening. Stream choices must be presented in user-friendly text format. Devices B and C may each be advertising multiple streams.

Consumer use case 3

An AVR sources a 7.1 audio stream.

AVR configuration is through simple text-based front-panel interface. Powered loudspeakers are attached to the network.

Speakers must be configured to listen to appropriate channels of the AVR's stream. Speakers are not pre-configured - the left and right speakers are identical from the factory. The user interface on the speakers is a (multi-position rotary switch) (iPod) (Blinking light) (Test tone)

Consumer use case 4

In an advanced mode of operation for case 3, a central controller (e.g. WiFi remote control) is introduced on the network and can communicate with the speakers and reassign them to listen to audio sourced by a different AVR elsewhere on the network.

Proposed professional use case

Unit replacement scenarios