

Audio processing in Hall Research SC-1080H



Same Audio Format is on both RCA SPDIF and in HDMI output at all times

This is the Digital Audio input. Though audio input can also be selected to be from L/R analog or HDMI input

- At the output, whatever is embedded in HDMI is also on the separate RCA SPDIF
- When the video input is from analog sources (Composite, S-video, VGA), the source of the audio is usually from corresponding stereo analog input, though it can be set for the separate digital input RCA
- When the video input is digital (HDMI or DVI source connected to HDMI input of the unit), the audio can be from either: embedded HDMI input, digital RCA input, or mini-stereo analog next to the HDMI connector.
- When the audio input selection is digital, its format can be PCM or multi-channel bit stream (Dolby or DTS).
- The output audio format is the same as input format (so Dolby in means Dolby out)
- The audio output is delayed to match the video processing of the box, so there is no lip sync issues, but if you need additional audio delay (maybe the video output is connected to a TV with its own video delay and you plan to use the RCA audio output through an amp), then you can set some course delay on the audio output to match the video delay of the TV.