

HTPC Measurement Setup 1.21.14

Measurement PC

ASIO4All driver (check before attempting to make measurements)

Highlight Realtek HD Audio output (not digital)

Highlight Realtek HD Audio line input (not digital)

Use motherboard soundcard

Cables are both stereo, both channels transmit test signals and feedback signals.

Connect output to green (L/R out) -> HTPC motherboard blue jack (line in, L and R)

Connect feedback to blue (line in) <- HTPC L/R of any output pair on HT Omega soundcard

ARTA Setup

Audio Devices Setup

Soundcard driver: ASIO4ALL v2

Input/Output channels: ½

Measurement Setup

Impulse Sweep

Sequence length: 32k

Sampling rate: 48000

Output volume: -12 dB

Preferred input: Right or Left (not dual channel).

HTPC Setup

Use motherboard soundcard for measurement setup:

Connect empty jack to green (tells Windows to enable the device)

Connect blue (line in) <- Measurement PC motherboard stereo output (green)

Motherboard Sound Setup (Not ASIO4All)

Playback: Default - Realtek Digital Output

Recording: Default – Line In, Playback through: Default Playback Device. Set to Listen.

Jriver

Open Live Loopback: WASAPI Loopback

Volume: -21 dB