

ScienceMosaic.com

Address:

Teadumosaiik OÜ
Tartu Science Park
Riia 181A
Tartu 51014
Estonia

Contact person:

Tanel Ainla
Head of R&D department
tanel@sciencemosaic.com
+372 55989743
Skype: taneltanel

Video and audio latency measuring system

ScienceMosaic™ video and audio latency measurement system is intended to provide accurate way to measure latencies between different video and audio signals. It is designed as an on-field tool allowing design engineers and QA specialists accurately measure latency parameters in the AV systems.

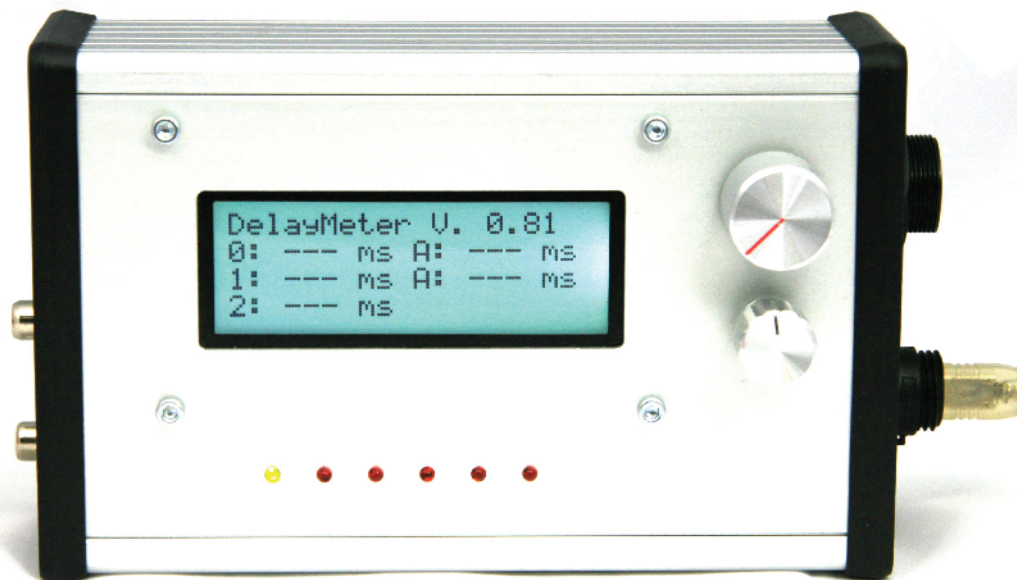
Latency measurement system generates visible (LED with different blinking patterns) and audible (speaker with different beeping patterns) reference signal and it has 3 optical inputs (with TOSLINK connectors) for different video signals and 2 (RCA) audio inputs for different audio signals.

Key features:

- 3x high speed optical inputs to capture image changes from screens
- 2x audio inputs to capture audio signals from device audio outputs
- Latency measurement accuracy better than 5 milliseconds
- LCD screen and LED indicators for quick user feedback
- Connects to PC with USB interface
- Comes with Windows software that provides measurement automation and reporting

Kit contents:

- 1x ScienceMosaic™ video and audio latency measuring device
- 1x RCA audio cable (2 meters)
- 3x TOSLINK optical cables (2 meters)
- 3x ScienceMosaic™ TOSLINK screen adapters
- 1x Active speaker set for reference audio signal
- 1x LED set for reference visual signal
- 1x USB-mini cable for PC connection (1 meter)
- 1x USB dongle with latency measurement software bundle (Windows 7 / Windows 8)



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Company contacts:

www.sciencemosaic.com
info@sciencemosaic.com
+372 53 427 314