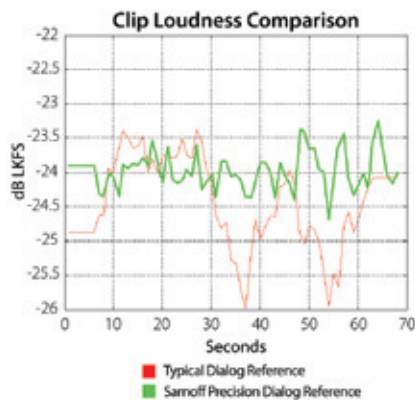


AudioRef™ Clips

Advanced Audio Reference



Variations in loudness of broadcast content has become a pressing issue. Sarnoff's AudioRef™ is a package of scientifically-calibrated audio reference clips that enable professionals to accurately set up and evaluate audio monitoring equipment in virtually any system. The reference clips make mixing remarkably easy by providing calibrated dialog samples, in both male and female voices, to compare and adjust existing material appropriately.



The clips are compliant with the ATSC Recommended Practice A/85 and the proposed Commercial Advertisement Loudness Mitigation Act (CALM), allowing media professionals to assure their content complies with the law and industry best practices.

Capabilities

- Dialog loudness reference
 - Compliant with ATSC A/85 and ITU BS.1770
 - Constant level -24 dB LKFS
 - Level controlled to +/- 1 dB in any 10 second interval
 - Male dialog
 - Female dialog
 - Center channel and left/right channel versions
 - Pink noise (all channels)
- Audio channel ID
 - Voice identification by channel number (“one, two, three,...”)
 - Voice identification by channel function (“left, right, center,...”)
- Synchronization “Tick”
 - Simultaneous tick in all channels
 - Compatible with Sarnoff's Visualizer™ Digital Test Pattern
- Tone
 - -20 dB FS
 - 500 Hz

Specifications

- 16 channels
- Bit depth
 - 16 standard
 - 20, 24 optional
- Sample rate
 - 48,000 Hz

Scientifically-Calibrated Audio Reference for Industry Compliance and Viewer Satisfaction

Applications

- Broadcast operators
- Post production
- Encoder and decoder testing
- Video over cellular networks
- Satellite and cable television
- Video distribution networks
- IPTV
- D-Cinema

Available As:

- Digital media
- Pre-installed on TSG-1

Contact Us

info@sri.com
609.734.2553



SRI International

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Headquarters

SRI International

333 Ravenswood Avenue
Menlo Park, CA 94025-3493
650.859.2000

Washington, D.C.

SRI International

1100 Wilson Blvd., Suite 2800
Arlington, VA 22209-3915
703.524.2053

Princeton, New Jersey

SRI International Sarnoff

201 Washington Road
Princeton, NJ 08540-6449
609.734.2553

*Additional U.S. and
international locations*

www.sri.com

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