



XT-AVSG Lip Sync Test Generator

XT-AVSG Generator and SC Generator
Blip and Flash generators for Camera testing.

- ✓ For In Studio or Location use.
- ✓ Works on all systems, HD or SD.
- ✓ Peak Luminance flash of over 1k Cd per sq metre, on integral screen, with associated 80dB SPL 2kHz audio blip at 1 metre distance.
- ✓ ~4.5 sec period, 1: 200 Duty cycle.
- ✓ 25 days continuous operation battery life using standard alkaline LR6/PP3 battery.
- ✓ The SC Generator version has an additional 1kHz tone electrical output at a nominal -10dB level on a 3.5mm stereo jack socket. Insertion of a plug mutes the acoustic bleeper output.

This generates a Peak Luminance flash of over 1k Candelas per sq metre on a ground-glass screen, associated with a 2kHz audio "blip" at a Sound Pressure Level of more than 80dB at one metre distance.

Inherent timing: Audio late 5msec at one metre distance. (Note that the speed of sound renders the timing 3msec later for every extra metre of microphone distance).

Period: Approximately 2.2 sec with a 1: 80 Duty cycle.

Battery Life: Approximately 15 days continuous operation using a single alkaline LR6/PP3 battery.

In use: Zoom cameras in on the screen, and expose for mid grey in order to generate a peak white frame flash.

For the audio: Use an operational microphone channel. Recording the resultant audio "blip" between Alignment Level and Permitted Maximum Level.

The combined recorded header signal can be used as a "Rosetta Stone" for subsequent post-production AV sync, in much the same way as a film clapperboard, or the VT clock is used as an electrical reference.

- ✓ Portable Lip Sync Generator
- ✓ Studio/OB use
- ✓ Use with XT-SL for Lip Sync Error Measurement



e-mediavision.com

info@e-mediavision.com

Tel: +44(0)20 8755 2014

Fax: +44(0)20 8230 7828

19 Park Avenue
Hounslow
Middlesex
TW3 2NA