

# SG-6006

## Multi-Standard Composite/SDI Video Black Burst, Color Bar & Audio Tone Generator

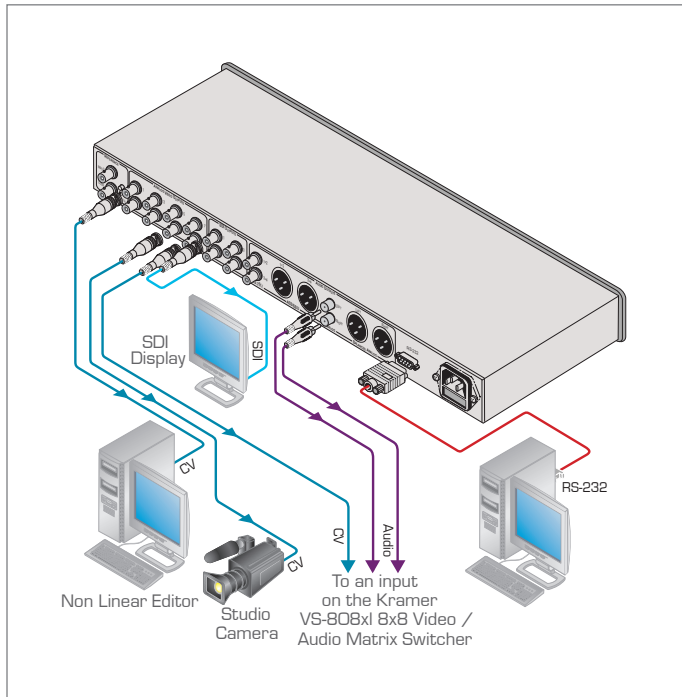


The **SG-6006** is a broadcast quality black burst, color bar, sync, and audio tone generator for composite video, SDI, and audio applications. The unit outputs composite and SDI video plus AES-3id, AES/EBU, balanced and unbalanced stereo audio signals.

### FEATURES

- 8 Composite & 4 SDI Outputs.
- 8 Color Bar Patterns.
- Ultra Stable - 1ppm frequency tolerance.
- Color Bar or Black Burst (Each Output Selectable).
- SCH/Phase Adjust.
- Looping Analog Genlock Input - For sync and color locking.
- Selectable Sync Input Signal Termination.
- Audio Outputs - Balanced (2 XLR), unbalanced (2 RCA), AES-3ID (2 BNC) & AES/EBU (2 XLR).
- Frequency & Amplitude Adjustable.
- Control - Front panel & RS-232 (K-Router™ Windows®-based Kramer software is included).
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.

SPECIALTY AV PRODUCTS



### TECHNICAL SPECIFICATIONS

- INPUTS:** 1 REF (genlock), looping, 1Vpp/75Ω, on BNC connectors with a termination switch.
- OUTPUTS:** 8 composite video on BNC connectors, globally configurable: black burst 0.3Vpp/75Ω (sync) or 1Vpp/75Ω max (color bar); 4 SDI SMPTE-259M, ITU-BT.601 on BNC connectors, 0.8Vpp/75Ω; 1 balanced stereo audio on 2 XLR connectors, 12dBu max; 1 unbalanced stereo audio on 2 RCA connectors, 6dBu max; 2 AES/EBU digital audio on XLR connectors, 0dBFS max; 2 AES-3ID (75Ω) digital audio on BNC connectors, 0dBFS max.
- CONTROLS:** Video: black burst or test signal configuration; Audio: frequency out: 10Hz to 20kHz; audio analog range: 31dBu; audio digital range: 31dBFS; each channel may be set to silent; Control via front panel (OSD) and RS-232; Buttons for genlock, panel lock, input termination.
- VIDEO STANDARDS:** PAL, NTSC.
- COLOR BAR:** 8 selectable patterns.
- STABILITY:** 1ppm.
- S/N RATIO:** Video: >73dB (black burst); Audio: 89dB.
- POWER SOURCE:** 100-240V AC, 50/60Hz, 10VA.
- DIMENSIONS:** 19" x 7" x 1U W, D, H, rack mountable.
- WEIGHT:** 2.5kg (5.5lbs) approx.
- ACCESSORIES:** Power cord, null-modem adapter, rack "ears".

