



## SG-6005xl

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



The SG-6005xl is a broadcast quality black burst, color bar, sync, and audio tone generator for composite video and audio applications. The unit outputs ten composite video and two AES-3id audio signals on BNC connectors, two balanced stereo and two AES/EBU audio signals on XLR connectors and an unbalanced stereo audio signal on two RCA connectors. The unit can be genlocked to an external video source.

### FEATURES

- 10 Composite Video Outputs.
- 8 Color Bar Patterns.
- Ultra Stable - 1ppm frequency tolerance.
- Color Bar or Black Burst (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 (Kramer's K-Router™ Windows®-based software is included).
- Worldwide Power Supply - 100-240V AC.
- - 1U. Rack "ears" included.



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### TECHNICAL SPECIFICATIONS

INPUTS:	1 genlock with loop, 1Vpp/75Ω on BNC connectors with a termination switch.
OUTPUTS:	10 composite video on BNC connectors, globally configurable black burst, 0.3Vpp/75Ω (sync) or 1Vpp/75Ω max (color bar); 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.
VIDEO STANDARDS:	PAL, NTSC.
COLOR BAR:	8 selectable patterns.
STABILITY:	1ppm.
S/N RATIO:	Video: >73dB (black burst); Audio: >89dB.
DIGITIZATION:	Video: 10 bits, 27MHz; Audio: 20 bits, 48kHz.
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.
INDICATORS:	Multi-character display on the front panel.
POWER CONSUMPTION:	100–240V AC, 50/60Hz, 10VA.
WEIGHT:	19" x 7" x 1U W, D, H, rack mountable.
INCLUDED ACCESSORIES:	Power cord, null-modem adapter, rack "ears".

