



SG-6005

BLACK BURST/BAR/AUDIO GENERATOR

**INTERFACES & SYNC
PROCESSORS**



The SG-6005 is a black burst, color bar, sync, and audio tone generator for video, as well as balanced and unbalanced audio applications. It outputs 6 identical black burst signals, a composite video color bar signal, H/V sync signals and both unbalanced stereo audio signals on RCA connectors, and balanced stereo audio signals on XLR connectors. The unit may be genlocked to an external video source.

DESCRIPTION

- Outputs: Color Bar Generator - 13 patterns; Black Burst - 6 outputs; Sync - Horizontal or composite and vertical; Audio 1kHz Tone - 2 balanced and 2 unbalanced.
- Control - Front panel and RS-232.
- Looping Analog Genlock Input - For sync and color locking.
- Selectable Sync Input Signal Termination.
- SCH/Phase Control.
- H/V Adjustable delay.
- Black Burst Delay - In relation to genlock.
- Standard 19" Rack Mount Size - 1U.

SPECIFICATIONS

- INPUT:** 1 genlock video, looping, 1Vpp/75Ω, on BNC connectors with a termination switch.
- OUTPUTS:** 6 black burst signals, 0.3 Vpp/75Ω, (sync) 1 color bar output 1Vpp/75Ω. 2 x 1kHz, 1Vpp/100Ω outputs on RCA connectors.
- COLOR BAR:** 13 selectable patterns.
- PHASE ERROR:** 1 degree.
- S/N RATIO:** 73dB.
- CONTROL:** H control: +/- 1/2 line, 37 nS steps; V control: 15.5 lines, 0.5 line steps. SCH control: 360 Degrees, by front touch switches. RS-232 control.
- SYNC OSCILLATOR:** Crystal controlled.
- SC OSCILLATOR:** Crystal controlled.
- SYNC/SC:** Fully Genlocked.
- STABILITY:** 5 ppm.
- POWER SOURCE:** 230 VAC, 50/60 Hz, (115VAC, U.S.A.) 10 VA.
- DIMENSIONS:** 19 inch (W), 7 inch (D), 1U (H) rack mountable.
- WEIGHT:** 2.5 kg. (5.5 lbs.) approx.
- ACCESSORIES:** Power cord.
- OPTIONS:** Kramer distribution amplifiers for additional burst or bar outputs.

