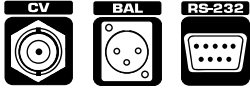


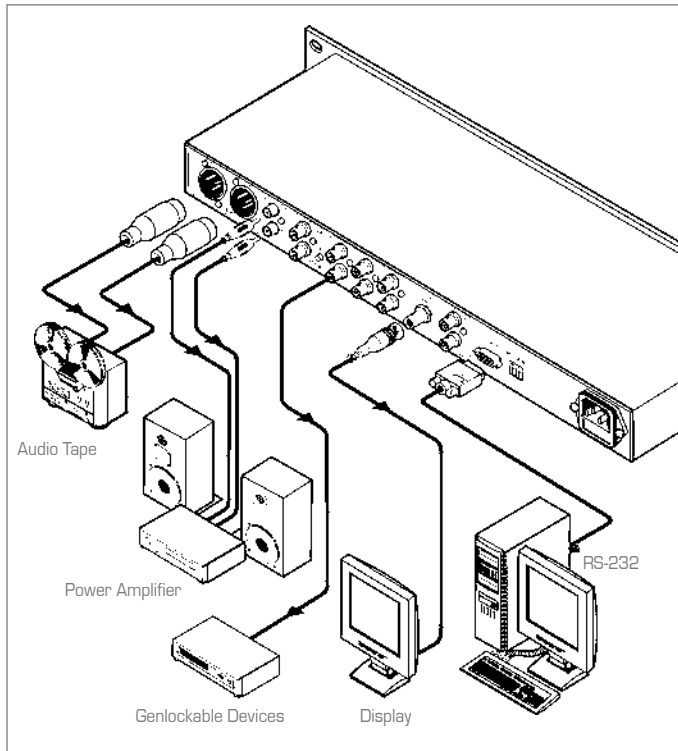
SG-6005 Black Burst, Color Bar, Sync, & Audio Tone Generator



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.

FEATURES

- **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.



TECHNICAL SPECIFICATIONS

- INPUT:** 1 genlock video, looping, 1Vpp/75Ω, on BNC connectors with a termination switch.
- OUTPUTS:** 6 black burst signals, 0.3Vpp/75Ω, (sync); 1 color bar output 1Vpp/75Ω. 2 x 1kHz, +4dBm/47Ω outputs on XLR connectors, 2 x 1kHz, 1Vpp/100Ω outputs, RCA connectors.
- COLOR BAR:** 13 selectable patterns.
- PHASE ERROR:** 1 Deg.
- S/N RATIO:** 73dB.
- CONTROL:** H control: +/- 1/2 line, 37nS steps; V control: 15.5 lines, 0.5 line steps. SCH control: 360 Deg, by front touch switches. RS-232 control.
- SYNC OSCILLATOR:** Crystal controlled.
- SC OSCILLATOR:** Crystal controlled.
- SYNC/SC:** Fully Genlocked.
- STABILITY:** +/- 2ppm.
- POWER SOURCE:** 230VAC, 50/60Hz, (115VAC, U.S.A.) 10VA.
- DIMENSIONS:** 19 inch (W), 7 inch (D), 1U (H) rack mountable.
- WEIGHT:** 2.5kg. (5.5lbs.) approx.
- ACCESSORIES:** Power cord.
- OPTIONS:** Kramer distribution amplifiers for additional burst or bar outputs.

