

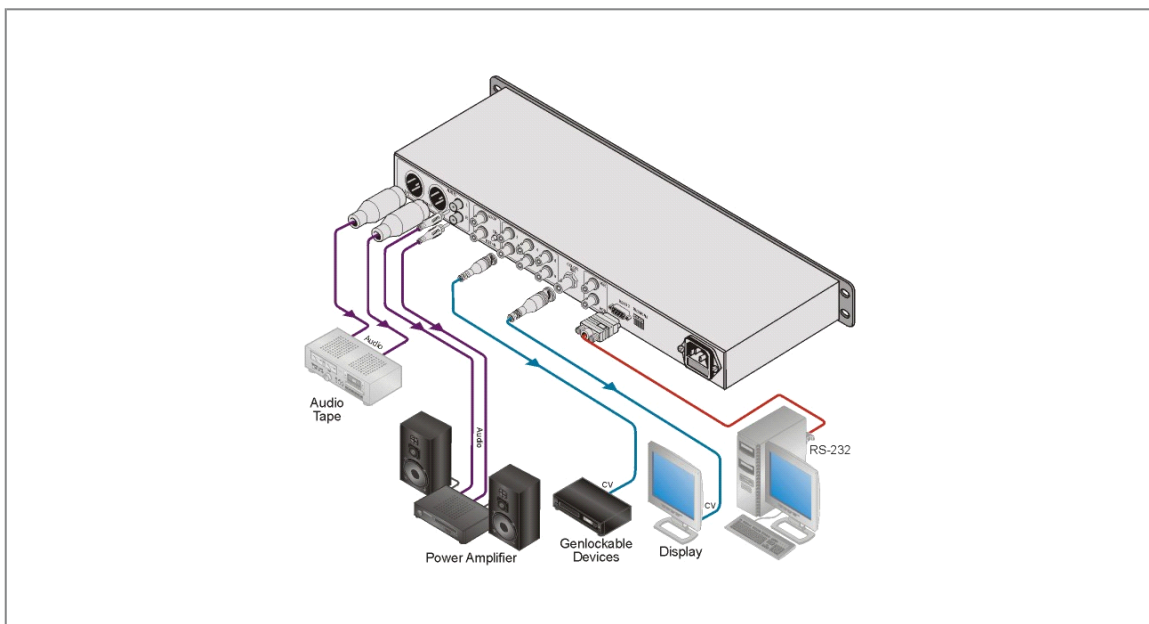


## SG-6005

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.





## SG-6005

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### FEATURES

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- **Outputs** - 13 test patterns or black burst on 6 outputs; H & V or composite sync; 1kHz audio 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

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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, +4dBu/47Ω outputs on XLR connectors, 2 x 1kHz, 1Vpp/100Ω outputs on RCA connectors.
COLOR BAR:	13 selectable patterns.
PHASE ERROR:	1Deg.
S/N RATIO:	73dB.
CONTROL:	H control: +/-1/2 line, 37nS steps; V control: 15.5 lines, 0.5 line steps. SCH control: 360Deg, by front touch switches. RS-232 control.
SYNC OSCILLATOR:	Crystal controlled.
SC OSCILLATOR:	Crystal controlled.
SYNC/SC:	Fully genlocked.
STABILITY:	5ppm.
POWER SOURCE:	230V AC, 50/60Hz, (115V AC, USA) 10VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.5kg (5.5lbs) approx.
ACCESSORIES:	Power cord.
OPTIONS:	Kramer distribution amplifiers for additional burst or bar outputs.