



Black Burst/Bar/Audio Generator SG-6003B

The Kramer SG-6003B is a broadcast quality black burst and color bar generator for video studio applications. It provides three identical black burst outputs, a color subcarrier output, a color bar output, and two 1 kHz, crystal stabilized audio outputs. State-of-the-art technology is used throughout the SG-

6003B including crystal controlled oscillators for sync and chroma, and highly accurate internal sync/subcarrier genlock, both with long term stability. The number of outputs may be increased by using a Kramer distribution amplifier such as the VM-1010, VM-1015, VM-1021, etc.



4 INTERFACES AND SYNC PROCESSORS

TECHNICAL SPECIFICATIONS

OUTPUTS:	3 black burst signals, 0.3 Vpp / 75 , (sync), 1 color bar output 1Vpp / 75 , 1 subcarrier output, 1 Vpp / 75 on BNC connectors. Two audio tone @ 1kHz., 1 Vpp / 100 outputs on RCA connectors.
COLOR BAR SATURATION:	Preset to 75%, may be ordered at 100%.
PHASE ERROR:	Less than 1 degree.
SYNC OSCILLATOR:	Crystal controlled.
SC OSCILLATOR:	Crystal controlled.
SYNC/SC:	Fully genlocked.
STABILITY:	Better than 50 ppm.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz., (115VAC, U.S.A.) 5.7 VA.
WEIGHT:	2.4 kg. (5.3 lbs.) approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- ☐ Studio master genlock to one stable source.
- ☐ Black or color bar reference for professional video cameras that need a stable reference.
- ☐ Test and alignment tool for professional video/audio equipment.
- ☐ Colorbar generator as filler for recording in a duplication studio.