

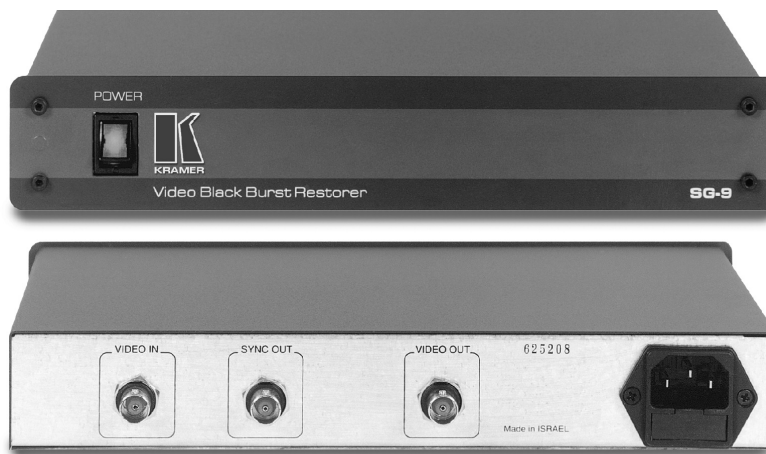
## SG-9

### Video Black Burst Restorer

GROUP 4



The Kramer **SG-9** is a video black burst restorer designed to strip sync and color burst from a composite video signal, then regenerate it at the output using high quality generators. It is ideal for stabilizing video sources which have corrupted or missing horizontal and vertical sync pulses or color burst. In many cases the **SG-9** can be used instead of a time base corrector and, if a TBC is required, the **SG-9** can enhance its operation. In addition to the restored video output, a sync output is provided for genlocking and other uses. Note that the **SG-9** requires an incoming signal in order to operate, it should not be used as a stand-alone sync or burst generator. The **SG-9** is dependable, rugged, and can be rack mounted using the optional RK-MED kit, which holds one unit in two vertical spaces of a standard 19" rack.



#### TECHNICAL SPECIFICATIONS

INPUTS:	1 composite video 1Vpp/75 $\Omega$ on a BNC connector.
OUTPUTS:	1 restored composite video 1Vpp/75 $\Omega$ on a BNC connector. Composite sync, TTL level unloaded, 2Vpp/75 $\Omega$ loaded, on a BNC connector.
MAX. SIGNAL OUTPUT:	2Vpp/75 $\Omega$ .
VIDEO BANDWIDTH (-3dB):	35 MHz.
DIFF. GAIN:	0.8%.
DIFF. PHASE:	0.5 Deg.
K-FACTOR:	0.1%.
COUPLING:	DC (Output).
POWER SOURCE:	230 VAC, 50/60 Hz (115VAC, U.S.A.) 4.3 VA.
DIMENSIONS:	24.5cm x 18cm x 4.5cm (9.6" x 7" x 1.8", W, D, H.).
WEIGHT:	1.5 kg. (3.3 lbs.) approx.
ACCESSORIES:	Power cord.
OPTIONS:	RK-MEDN, 19 inch rack adapter.

#### TYPICAL APPLICATIONS

- Restoring sync stability and color burst in high generation videotape copies at low cost.
- Many production, editing, and duplication applications.

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