

## SG-6xI

### Video Sync Stabilizer



The Kramer **SG-6xI** is a dual-input, high quality sync stabilizer designed to identify and correct missing or erroneous sync information in a video signal. It is especially useful with high generation tapes carrying time-code, close caption or Teletext information, or other VBI data which might interfere with image stability. The machine has Composite video and Y/C (s-Video) inputs and similar outputs and deals with stability problems in both formats. In many cases the **SG-6xI** can replace or enhance the operation of a time base corrector. It automatically operates in PAL and NTSC. The **SG-6xI** is part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.



#### TECHNICAL SPECIFICATIONS

INPUTS:	1 composite video 1Vpp/75Ω on a BNC connector. 1 s-Video signal, 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on a 4p connector.
OUTPUTS:	1 composite video 1Vpp/75Ω on a BNC connector. 1 s-Video signal, 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on a 4p connector.
MAX. SIGNAL OUTPUT:	1.6Vpp/75Ω.
BANDWIDTH (-3dB):	26MHz.
DIFF. GAIN:	1.1%.
DIFF. PHASE:	0.97 Deg.
K-FACTOR:	< 0.05%.
S/N RATIO:	74.8dB.
CROSSTALK:	-49dB @ 5MHz.
CONTROL:	Level: -1.2 dB to + 2dB.
COUPLING:	AC.
POWER SOURCE:	12VDC 33mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98", W, D, H).
WEIGHT:	0.3kg (approx), 0.66lbs.
ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	VA-SOP Power supply; 19" rack adapters RK-T1, RK-T3.

#### TYPICAL APPLICATIONS

- Restoring of sync stability in high generation videotape copies at low cost.
- Removal of distorted VBI data such as a time-code, teletext and close caption that destabilize the video image and for the re-inserting of new codes.