



Universal Sync Transcoder

SG-7

The Kramer SG-7 is a universal sync Transcoder designed to interface between the most widely used professional video sync formats. There are a total of three discreet channels, all of which can operate simultaneously. Channel one breaks composite sync out into its separate horizontal and vertical components, channel two combines separate H & V into composite

sync, and channel three provides looping H & V inputs which are converted to dual composite sync outputs. The SG-7 is suitable for many applications in studios and display systems. It is housed in a rugged, professional enclosure designed to fit in one vertical space of a standard 19" rack.

4

INTERFACES AND SYNC PROCESSORS



TECHNICAL SPECIFICATIONS

INPUT CHANNEL 1:	One Composite Sync $> 0.3V_{pp}/75\Omega$ or 1 TTL level composite sync $5 V_{pp}/47k\Omega$ on a BNC type connector with Hi-Z/75 Ω switch, at Video frequencies only.
OUTPUTS CHANNEL 1:	H and V syncs on BNCs - TTL level, 1 Vpp when 75 Ω loaded, 15kHz, 50/60 Hz.
INPUTS CHANNEL 2:	H and V TTL level syncs, any polarity and any frequency, 5 Vpp / 47k on BNCs.
OUTPUTS CHANNEL 2:	Composite TTL level sync on a BNC, 1Vpp when 75 Ω loaded.
INPUTS CHANNEL 3:	H and V looping analog syncs, $> 0.3V_{pp} / 75\Omega$ with Termination switches on BNCs, at any frequency.
OUTPUTS CHANNEL 3:	Composite analog sync 1Vpp/75 Ω on a BNC and a TTL level composite sync. (Or 1Vpp/75 Ω analog when terminated with a 75 Ω resistor) on an additional BNC.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.) 3.2 VA.
WEIGHT:	2.3 kg. (5.1 lbs.) Approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- Any professional system requiring a change of sync format for compatibility.
- Unique multi-channel function solves many applications.

4.21

WEB: www.kramerelectronics.com

K R A M E R C R E A T I V E T E C H N O L O G Y