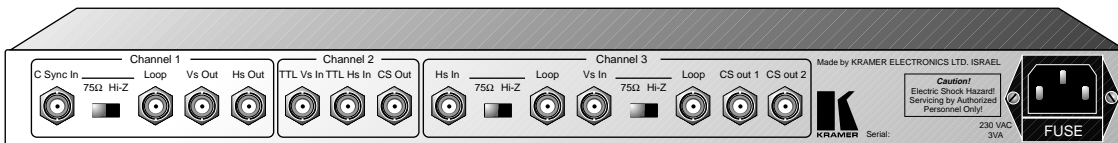
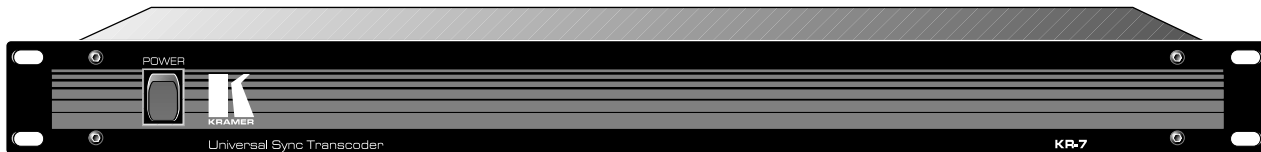


The KRAMER **KR-7** *Universal Sync Transcoder* interfaces between the widely used professional Video sync formats - Composite sync, Horizontal sync, Vertical sync - Analog and TTL levels. In many video studios and professional applications there is a need to convert from one format to the other, and the KRAMER **KR-7** is the perfect choice - as it operates simultaneously in all directions.

### Some features and applications:

- ❖ Simultaneous multi-directional operation.
- ❖ Converts from ANALOG or TTL Composite sync to H & V ANALOG or TTL at video frequencies (15kHz, 50/60Hz.)
- ❖ Converts from TTL H & V syncs to TTL or ANALOG negative Composite sync, from any input sync direction at any frequency - video or DATA.
- ❖ Converts from ANALOG H & V syncs to TTL or ANALOG Composite sync at any frequency.



### Technical Specifications:

- INPUT CHANNEL 1:** One Composite Sync >0.3Vpp/75 Ω or 1 TTL level Composite Sync 5 Vpp/ 47k on a BNC type connector with Hi-Z/75Ω switch, at video frequencies only.
- OUTPUTS CHANNEL 1:** H and V Syncs on BNCs - TTL level, 1 Vpp when 75Ω 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 75Ω loaded.
- INPUTS CHANNEL 3:** H and V looping Analog syncs, > 0.3Vpp / 75Ω with termination switches on BNCs, at any frequency.
- OUTPUTS CHANNEL 3:** Composite Analog sync 1Vpp/75Ω on a BNC and a TTL level Composite sync (or 1Vpp/75Ω analog when terminated with a 75Ω resistor) on an additional BNC.
- POWER SOURCE:** 230 VAC, 50/60 Hz, (115VAC, U.S.A.)
- DIMENSIONS:** 19 inch, 1U rack mountable.