



## s-Video Line Transmitter/Receiver 709/710

The Kramer 709 is a high performance s-Video to Twisted-pair transmitter, and the 710 is its companion unit receiver which converts the Twisted-pair format back to s-Video. Transmission via Twisted-pair cable carries video signals farther than conventional coax cable, and is lighter and less expensive. Cable length up to 300 meters is possible. A simple system consists of a 709 located at the s-Video source, and a 710 located at the remote display device.

For systems with multiple monitors, the 710 receiver has a loop out and termination switch allowing several 710s to be placed on the same TP cable driven by a 709. Recessed gain and equalization controls are provided to optimize signal levels, and a 12V power supply is included with each unit. The 709 and 710 are part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.



TWISTED-PAIR INTERFACES 01

### TECHNICAL SPECIFICATIONS

	709	710
INPUTS:	s-Video, 1Vpp / 75 (Y), 0.3Vpp/75 (C) on a 4P connector.	4P terminal block.
OUTPUTS:	4P terminal block.	s-Video, 1Vpp / 75 (Y), 0.3Vpp / 75 (C) on a 4P connector.
VIDEO BANDWIDTH:	8.4 MHz. -3 dB, (Y).	
GAIN RANGE:	-2.4 to +6.5 dB (Y), -2.7 to 15.6 dB, (EQ.), -5.8 to +7.8 dB (C).	
VIDEO S/N RATIO:	Better than 60 dB.	
DIFF. GAIN:	0.04%.	
NON LINEARITY:	0.07%.	
POWER SOURCE:	12 VDC, 40mA (709), 40mA (710).	
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98"), W, D, H.	
WEIGHT:	0.26 kg. (0.58 lbs.) approx.	
ACCESSORIES:	Power supply, mounting bracket (each).	
OPTIONS:	19" rack adapter RK-T1, RK-T3 (see pages 6.24, 6.25 for details).	

### TYPICAL APPLICATIONS

- ☐ Remote monitoring for CCTV, medical, schools and broadcast applications.
- ☐ Ideal for facilities with TP cable already installed.
- ☐ Teleconferencing in offices and hospitals using existing intercom or telephone wiring.