



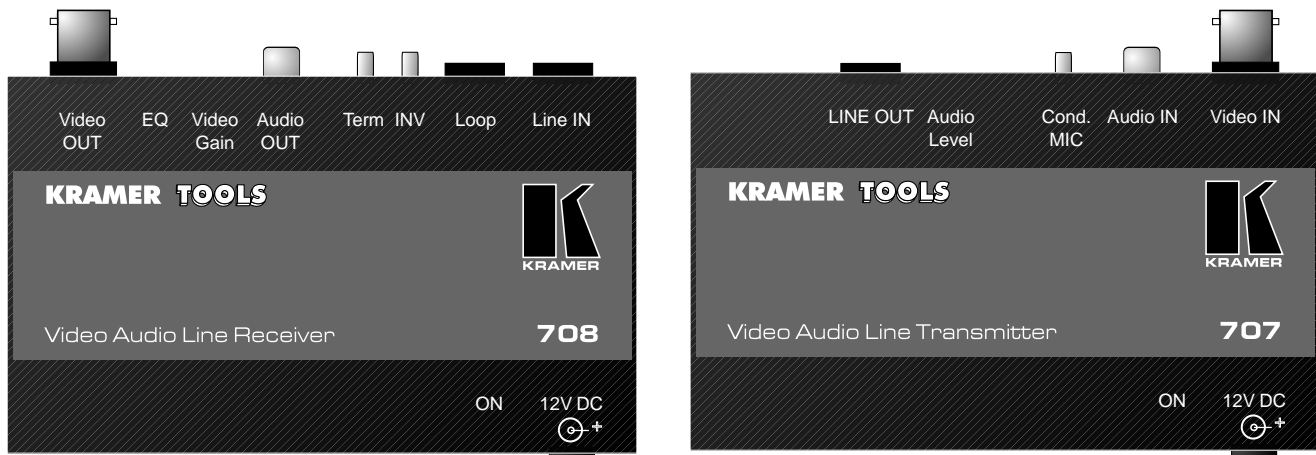
GROUP 9

Video-Audio Line Transmitter/Receiver 707/708

The KRAMER **707** Video Audio Line Transmitter and the **708** Video Audio Line Receiver, of the KRAMER TOOLS family, are used as a pair for transmitting video and mono audio over long distances using twisted pair wire. A termination switch allows several **708** receivers to be looped-through on the same line (one transmitter -multiple receivers). This pair of machines is best at distances of up to 200 meters. At shorter distances, they provide close to broadcast level performance. They also provide user controlled Gain and HF compensation.

Some features and applications:

- ❖ Simplification of security and CCTV installations.
- ❖ Operates from external DC power sources, and can transfer the power to another unit via a 4-wire telephone cord.
- ❖ Teleconferencing in offices and hospitals using existing intercom or telephone wiring.



Technical Specifications:

INPUTS:	707: 1 Composite Video, 1Vpp / 75 Ω , 1 Audio, 1mV - 2 V / 33k. 708: looping balanced 150 Ω on 6/4 standard telephone sockets, with termination switch and polarity inversion switch.
OUTPUTS:	707: 1 Balanced, 150 Ω on 6/4 standard telephone socket. 708: 1 Composite Video, 1Vpp/75 Ω unbalanced on a BNC connector. 1 Audio - Mic or line level, up to 4.6 Vpp / 100 Ω .
BANDWIDTH:	Video: 50 MHz. -3dB, Audio: 30 kHz -3dB at 30 meters (without lightning arrestors).
NON-LINEARITY:	Less than 0.2% at short distances.
DIFF. GAIN (PAIR):	0.41%.
S/N RATIO:	72 dB.
CONTROLS (@ 20m):	DIFF. PHASE (PAIR): 0.3 Deg. K-FACTOR (@ 20m): 0.1 %. Video Gain: -1.8 / + 2.3dB, EQ above 2.5MHz 0 / 16dB, Audio: 0 / 52 dB. Condenser Mic power switch (707), loop termination switch, signal invert switch (708).
DIMENSIONS:	12cm X 7.5cm X 2.5cm (W, D, H.)
POWER SOURCE:	12 VDC 40mA each 707 and 708 .