

# Video Line Transmitter

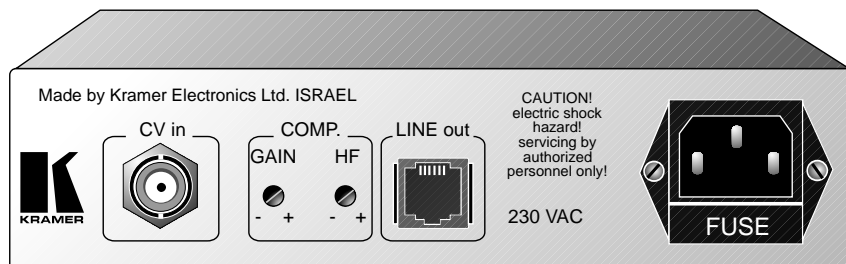
# TP-1

The KRAMER **TP-1** *Video Line Transmitter* sends a color video signal over long distances using a telephone wire or any other twisted pair wire. The **TP-1** maintains the bandwidth of an industrial color video signal up to several hundred meters and broadcast quality (up to 12 MHz) signals up to 100 meters. At shorter distances, as in a video studio, bandwidth of 30 MHz is easily achieved. By using the KRAMER **TP-1** together with the **TP-2** (*Video Line Receiver*) coax wiring can be completely eliminated.

## Some features and applications:

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- ❖ Simplification of security and CCTV installations.
- ❖ Teleconferencing in offices and hospitals using existing intercom or telephone wiring.
- ❖ Simple and quick studio wiring.



## Technical Specifications:

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<b>INPUTS:</b>	1 Composite Video, 1Vpp/75 $\Omega$ on a BNC type connector.
<b>OUTPUTS:</b>	Balanced, 150 $\Omega$ on 6/4 standard telephone socket.
<b>BANDWIDTH:</b>	9 MHz. -3dB at 300 meters.
<b>DIFF. GAIN:</b>	0.95%.
<b>DIFF. PHASE:</b>	0.35 Deg.
<b>COMPENSATION:</b>	Gain and HF above 2.5MHz +/- 6dB.
<b>SYSTEM DELAY:</b>	1 microsecond TYP. at 100 meters.
<b>DIMENSIONS:</b>	16.5cmX12cmX4.5cm (W, D, H.)
<b>POWER SOURCE:</b>	230 VAC, 50/60 Hz, (115VAC, U.S.A.)