

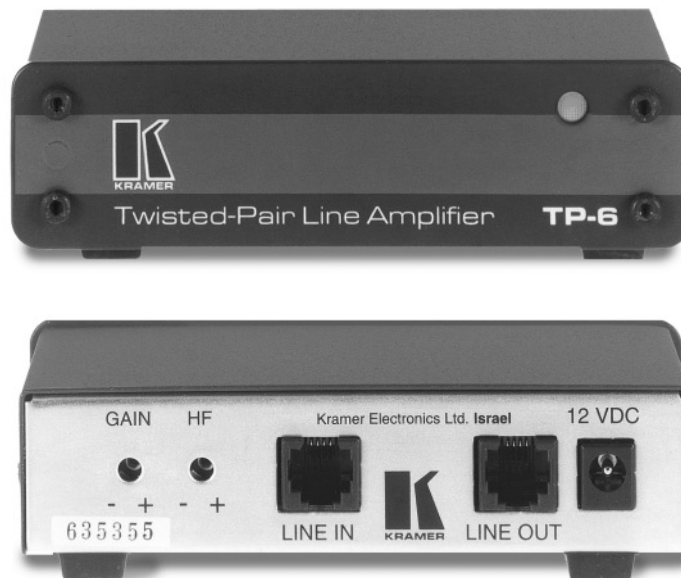
Twisted-pair Line Amplifier

TP-6

The Kramer TP-6 is a high performance Twisted-pair line amplifier designed to extend the cable length of any of the TP series transmitters/receivers to almost any desired distance. The TP-6 comes with a 12VDC power supply for typical operation, but can receive power from the Twisted-pair wire (in a 4-wire setup). Also, due to its very small power consumption, several units may be cascaded and powered from one standard 12V DC

supply.

Any number of TP-6 units may be used in cascade operation. Rear panel controls allow the video gain and high frequency EQ to be optimized for best performance. It is housed in a compact enclosure but can be rack mounted using the RK-SM kit which holds three units in two vertical spaces of a standard 19" rack.



TECHNICAL SPECIFICATIONS

INPUT:	Balanced, 150Ω on 6/4 standard telephone socket.
OUTPUT:	Balanced, 150Ω on 6/4 standard telephone socket.
BANDWIDTH:	12 MHz. -3dB at 100 meters, 4 MHz -3dB at 600 meters typ.
NON LINEARITY:	Less than 1% at 100 meters.
COMPENSATION:	Gain and HF above 2.5MHz up to +6dB, rear panel accessible.
SYSTEM DELAY:	1 microsecond TYP. at 100 meters.
DIMENSIONS:	11.7cm x 6cm x 3.2cm (4.6" x 2.4" x 1.3", W, D, H.).
POWER SOURCE:	12 VDC 30 mA.
WEIGHT:	0.24 kg. (0.53 lbs.) Approx.
ACCESSORIES:	12VDC power supply.
OPTIONS:	19" Rack adapter RK-SM (see page 6.19 for details).

TYPICAL APPLICATIONS

- ☐ Extension and simplification of security, CCTV and studio installations.
- ☐ Field applications where simple 12V DC power is available.