

**Fiber Optic Transceiver****OP-2**

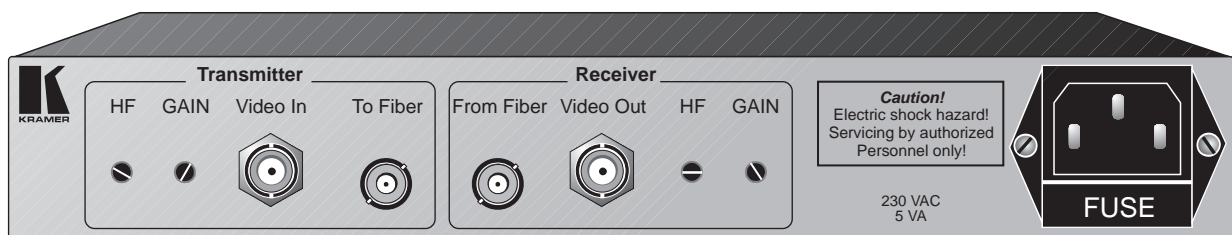
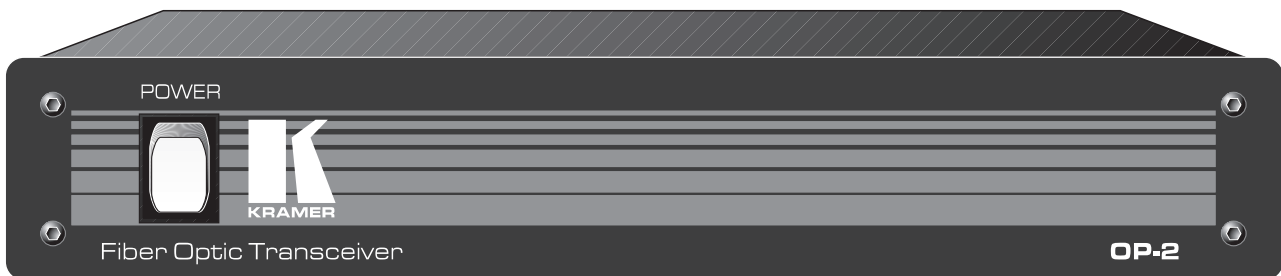
The KRAMER **OP-2** is a full bandwidth *Fiber Optic Transceiver* designed for studio and other demanding applications. The **OP-2** comes in either of two versions - single mode or multimode - for maximum flexibility. The **OP-2** includes the **OP-1T** (transmitter) and the **OP-1R** (receiver) combined into one machine.

The **OP-2** functions simultaneously as a transmitter and as a receiver in two independent channels, and may also be used as a relay or line amplifier for a fiber optic system.

The **OP-2** uses state-of-the-art Fiber Optic circuitry and allows the user to adjust (via rear panel trimmers) input and output video levels and high frequency peaking to achieve best performance.

Some features and applications:

- ❖ Long distance video transmissions using inexpensive optic fibers.
- ❖ Ground isolation between video sources and acceptors.
- ❖ Signal distribution in large studios and installations.

**Technical Specifications:**

INPUTS:	Composite Video, 1Vpp/75 Ω on a BNC (transmitter), Optic Fiber ST connector (receiver).
OUTPUTS:	Optic Fiber ST connector (transmitter), Composite Video, 1Vpp/75 Ω on a BNC (receiver).
OPERATION DISTANCE:	Up to 5km (Multimode), up to 25km (Single mode).
VIDEO BANDWIDTH:	55 MHz.
VIDEO S/N RATIO:	Better than 60 dB.
DIMENSIONS:	25.5cm X 16cm X 4.5cm (W, D, H).
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.)