

The KRAMER **OC-1N** is a high quality *Video Isolator* unit, designed for broadcast and industrial studio applications. In contradiction to the commercially available machines, which are based on non-linear transformers, with poor frequency response, the **OC-1N** is designed around a state-of-the-art active optoisolator device with extremely high linearity and very wide frequency response. The **OC-1N** allows the user to select which GROUND will become floating - input, output, both or none, using rear panel switches.

The **OC-1N** eliminates problems related to video hum, ground loops, DC offsets and a host of interfering factors which upset video picture quality. The **OC-1N** is housed in a compact enclosure; making it suitable for use in the most space-limited places. The machine allows external fine-tuning of output video levels and frequency response compensation via trimmers accessible from the rear panel.

Some features and applications:

- ❖ Video studio signal isolation.
- ❖ Video field production sessions.
- ❖ Medical use, where equipment isolation is mandatory.



Technical Specifications:

INPUT:	1 Composite Video, 1Vpp/75 Ω on a BNC.
OUTPUT:	1 Composite Video, 1Vpp/75 Ω on a BNC.
NON LINEARITY:	0.21 dB.
S/N RATIO:	69 dB.
BANDWIDTH:	20 MHz -3dB.
DIMENSIONS:	16.5 cm X 12 cm X 4.5 cm (W, D, H).
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.)