

Video Copy Protection Inserter **VM-25**

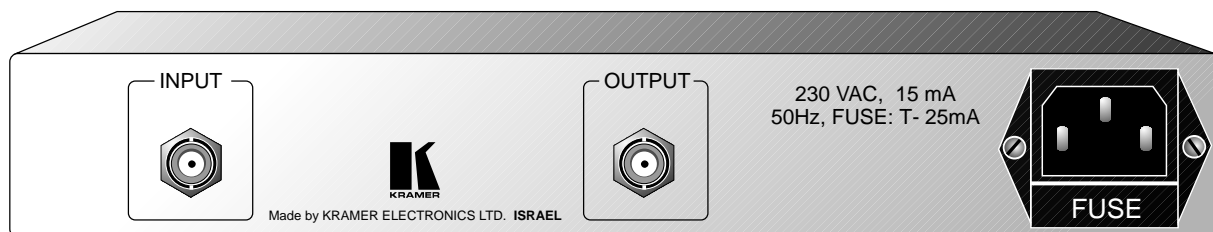
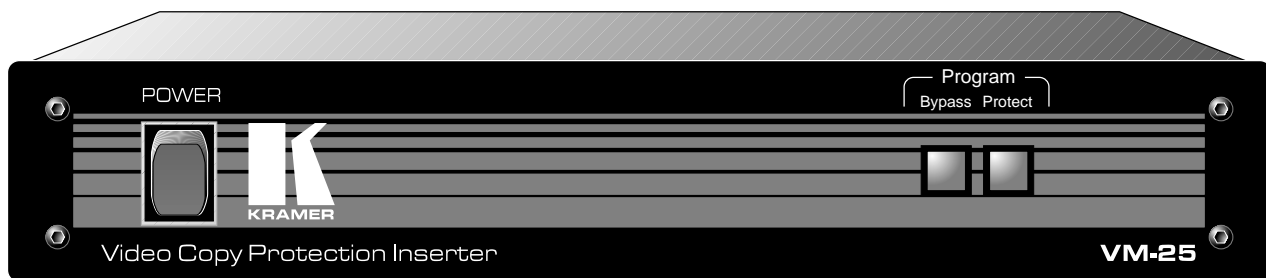
The KRAMER **VM-25** is a full bandwidth *Video Copy Protection Inserter* designed for duplication studios and other demanding applications. The **VM-25** inserts a microprocessor generated unique fingerprint code into the invisible (not active) part of the video signal, in order to label and identify the copy and to prevent copying of the coded tape.

When using a standard VCR or monitor, the inserted code does not interfere with normal viewing and playback. In order to create coded copies, the AGC circuitry of the recording VCRs should be disabled.

The **VM-25** has large bandwidth, and thus does not effect the quality of the transmitted video signal. The machine has two switches on the front panel, allowing one to insert or bypass the protection scheme.

Some features and applications:

- ❖ Video duplication studios, creating non-copyable duplicates.
- ❖ Broadcast stations for transmission of coded, non-recordable material.



Technical Specifications:

INPUTS:	1 Composite Video, 1Vpp/75 Ω on a BNC connector.
OUTPUTS:	1 Composite Video, 1 Vpp/75 Ω on a BNC connector.
VIDEO BANDWIDTH:	Exceeding 50 MHz.
NON LINEARITY:	Less than 0.2%.
COUPLING:	DC, with input protection circuitry, +/- 30mV offset.
CODE LENGTH:	30 bits.
CONTROLS:	Power On/Off, Bypass and Protect program illuminated touch switches.
DIMENSIONS:	24.5cm X 18 cm X 4.5cm (W, D, H).
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.)