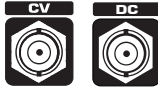


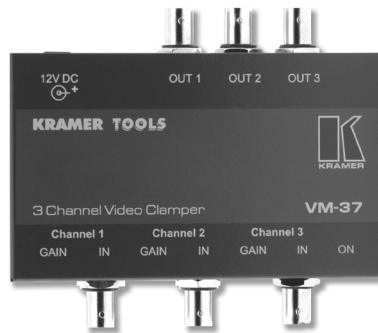
VM-37 / VM-67 / VM-127

3/6/12 / Channel Video Clampers

GROUP 1



The **VM-37**, **VM-67** and **VM-127** are 3, 6, and 12 channel video clampers, respectively. They restore the DC levels of video and RGB signals by removing the input signals' DC offsets and re-clamping them to a specified DC level. The default clamping level is the sync tip level, assuming the signals are composite or "Y" video signals, but the user can easily adjust this. Many video capture cards, satellite decoders and receivers, and a lot of video and RGB sources, ride on erroneous DC offsets, which could upset the operation of the following machine in the chain. In many cases, restoring the DC levels is essential for proper operation. The **VM-37** is a 3 Channel Video Clamper in a Kramer Tools enclosure, the **VM-67** is a 6 Channel Video Clamper in a desktop enclosure and the **VM-127** is a 12 Channel Video Clamper in a 19" rack mount enclosure.



TECHNICAL SPECIFICATIONS

INPUTS:	VM-37: 3 BNC connectors, 1Vpp / 75 Ω ; 1 RGB/component video (Y, B-Y, and R-Y), 0.7Vpp / 75 Ω on BNC connectors. VM-67: 6 BNC connectors, 1Vpp / 75 Ω ; 2 RGB/component video (Y, B-Y, and R-Y), 0.7Vpp / 75 Ω on BNC connectors. VM-127: 12 BNC connectors, 1Vpp / 75 Ω ; 4 RGB/component video (Y, B-Y, and R-Y), 0.7Vpp / 75 Ω on BNC connectors.
OUTPUTS:	VM-37: 3 BNC connectors, 1Vpp / 75 Ω ; 1 RGB/component video (Y, B-Y, and R-Y), 0.7Vpp / 75 Ω on BNC connectors. VM-67: 6 BNC connectors, 1Vpp / 75 Ω ; 2 RGB/component video (Y, B-Y, and R-Y), 0.7Vpp / 75 Ω on BNC connectors. VM-127: 12 BNC connectors, 1Vpp / 75 Ω ; 4 RGB/component video (Y, B-Y, and R-Y), 0.7Vpp / 75 Ω on BNC connectors.
MAX. OUTPUT LEVEL:	2.3Vpp.
BANDWIDTH (-3dB):	430MHz.
DIFF. GAIN:	0.35%.
DIFF. PHASE:	0.09.
K-FACTOR:	0.05%.
S/N RATIO:	74.0 dB.
CROSSTALK (all hostile):	- 61.8dB.
CONTROLS (GAIN):	- 2.1dB to +6.0 dB.
COUPLING:	AC input; DC (clamped) output.
POWER SOURCE:	VM-37: 12V DC 80mA. VM-67: 12V DC 144mA.
DIMENSIONS:	VM-127: 230 VAC, 50/60 Hz, (115VAC, U.S.A.) 8.1VA. VM-37: 12cm x 7.5cm x 2.5cm (4.7-inch x 2.95-inch x 0.98-inch, W, D, H). VM-67: 22cm x 18cm x 4.5cm (8.6-inch x 7-inch x 1.8-inch, W, D, H). VM-127: 19-inch (W), 7-inch (D), 1U (H) rack mountable.
WEIGHT:	VM-37: 0.3 kg (0.67 lbs.) approx. VM-67: 1.2 kg. (2.65 lbs.) approx. VM-127: 2.6 kg. (5.7 lbs.) approx.
ACCESSORIES::	VM-37: Power adapter. VM-67: Power adapter. VM-127: Power Cord.

TYPICAL APPLICATIONS

- Production and duplication facilities.
- Computer generated graphics and video capture.
- Professional satellite receiving systems.

