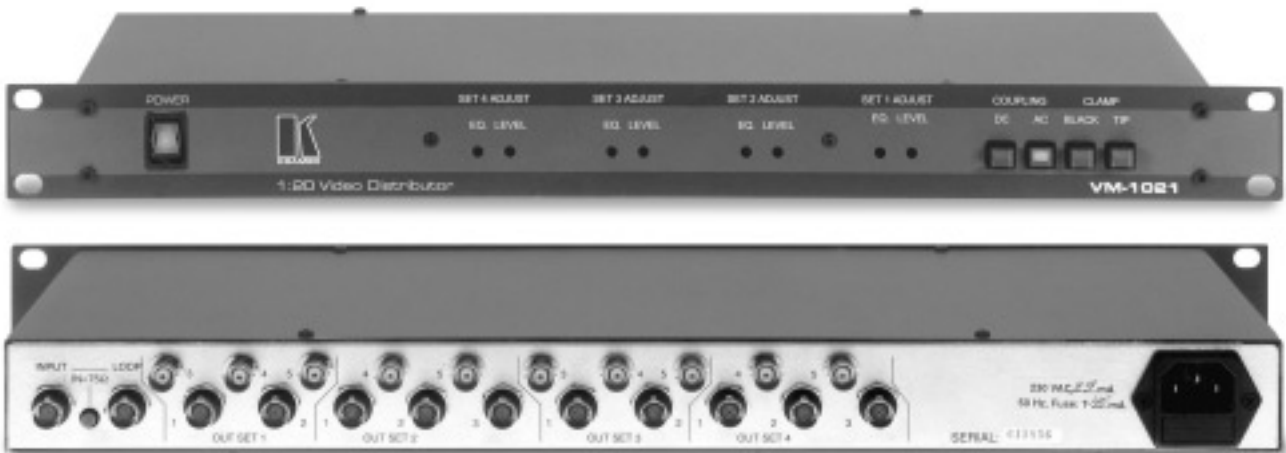


**1:20 Video Distribution Amplifier VM-1021**

The Kramer VM-1021 is a 1:20 distribution amplifier designed for especially critical applications. It accepts one input, and distributes it to 20 identical outputs using BNC connectors. For systems with varying cable lengths, the 20 outputs are grouped into sets of five, each with a separate set of video gain and equalization controls to optimize signal levels. For maximum flexibility, switches are provided to select the desired

coupling and clamping settings.

Exceptionally high bandwidth of 350MHz allows the VM-1021 to be used for high-resolution computer-video, medical imaging, SDI, and other specialized signals. It is housed in a rugged, professional, rack mountable enclosure requiring only one vertical space in a standard 19" rack.

**TECHNICAL SPECIFICATIONS**

<b>INPUT:</b>	1 composite video or a single component, looping, 1Vpp / 75 $\Omega$ on BNCs with termination switch.
<b>OUTPUTS:</b>	20 composite / component video, 1 Vpp / 75 $\Omega$ on BNCs.
<b>VIDEO BANDWIDTH:</b>	350 MHz. -3 dB.
<b>VIDEO S/N RATIO:</b>	Better than 74 dB.
<b>COUPLING:</b>	AC, DC, and clamped - user selectable with front panel switches.
<b>DC CLAMP:</b>	0 VDC black level, or sync bottom TIP.
<b>NON LINEARITY:</b>	0.1%.
<b>DIFF. GAIN:</b>	0.1 %.
<b>DIFF. PHASE:</b>	0.07 Deg.
<b>K-FACTOR:</b>	< 0.05%.
<b>LEVEL CONTROL:</b>	-1.1 dB to +2.7 dB with 4 trimmers accessible through front panel.
<b>EQ. CONTROL:</b>	0 to 2.9 dB @ 4.4 MHz., with 4 trimmers accessible through front panel.
<b>POWER SOURCE:</b>	230 VAC 50 / 60 Hz. (115V U.S.A.), 6.7 VA.
<b>DIMENSIONS:</b>	19 inch (W), 7 inch (D), 1U (H) rack mountable.
<b>WEIGHT:</b>	2.6 kg. (5.7 lbs.) approx.
<b>ACCESSORIES:</b>	Power cord.

**TYPICAL APPLICATIONS**

- ☐ Broadcast, production, and editing facilities.
- ☐ Any professional system requiring high quality signal distribution.
- ☐ Retail stores and other point-of-sale systems.
- ☐ Computer RGB or component video distribution using multiple VM-1021s in parallel.