

VM-5DS

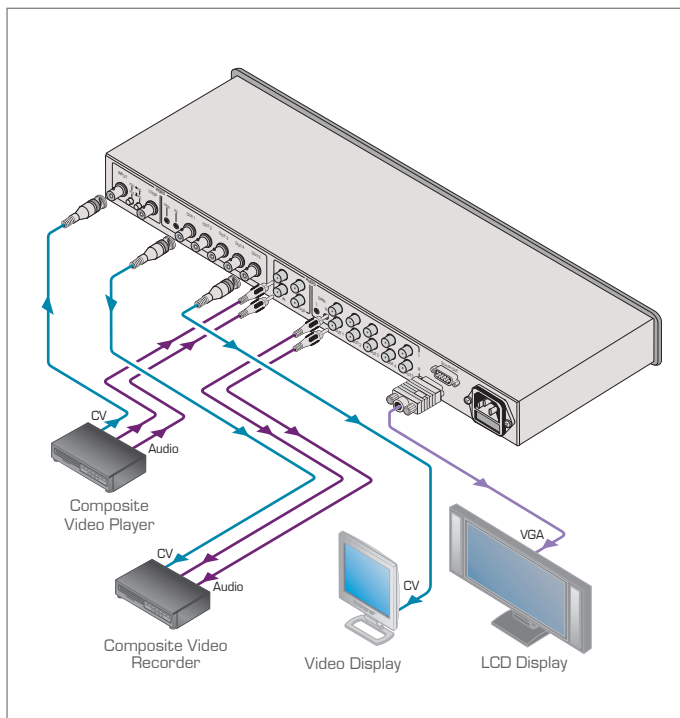
1:5 Composite Video & Stereo Audio Distribution Amplifier & Scaler



The **VM-5DS** is a high-quality distribution amplifier for composite video and unbalanced stereo audio signals. It takes one composite video and stereo audio input, provides correct buffering and isolation and distributes the signal to five identical audio and video outputs plus one scaled output.

FEATURES

- High Video Bandwidth - 360MHz (-3dB).
- Scaled Graphics Output Resolutions - VGA (640x480), SVGA (800x600), XGA (1024x768), or WXGA (1366x768).
- Selectable Input Signal Termination.
- Video AC/DC Coupling Selection.
- Video Level (Gain) & EQ (Peaking) Controls - With recessed control trimmers.
- Audio Level Control.
- Looping Input.
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.



TECHNICAL SPECIFICATIONS

INPUTS:	1 video composite, looping, 1Vpp/75Ω on a BNC connector with termination switch; 1 unbalanced stereo audio looping, +4dBu/50kΩ on RCA connectors.
OUTPUTS:	5 video composite 1Vpp/75Ω on BNC connectors; 5 unbalanced stereo audio, +4dBu/50Ω, 27Vpp max. on RCA connectors; 1 VGA through WXGA on a 15-pin HD (F) connector.
SCALED OUTPUT RESOLUTIONS:	VGA (640x480), SVGA (800x600), XGA (1024x768), WXGA (1366x768).
MAX. VIDEO OUTPUT LEVEL:	2.2Vpp.
BANDWIDTH (-3dB):	Video: 360MHz. Audio: 60kHz.
DIFF. GAIN:	0.03%.
DIFF. PHASE:	0.06Deg.
K-FACTOR:	0.05%.
S/N RATIO:	Video: 76dB; Audio: 85dB.
CONTROLS:	Video gain: -1 to +1.8dB; Audio gain: -40 to +6dB; EQ: 0 to +2.5dB.
COUPLING:	Video: DC/AC selectable; Audio: AC.
AUDIO THD + NOISE:	0.021% (1V, 1kHz).
POWER SOURCE:	100-240V AC, 50/60Hz 15VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	1.94kg (4.3lbs) approx.
ACCESSORIES:	Power cord, rack "ears".

