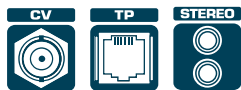


# VM-9T

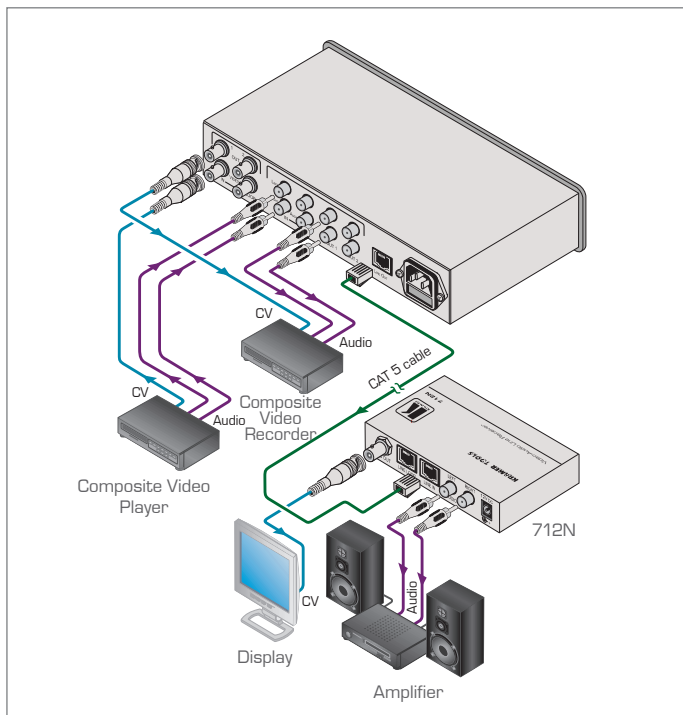
## 1:2 Composite Video & Stereo Audio Line Amplifier with a Twisted Pair Output



The VM-9T is a high-quality distribution amplifier for composite video and unbalanced stereo audio signals. It inputs one signal, provides correct buffering and isolation and distributes the signal to two identical outputs and one twisted pair output on an RJ-45 connector.

### FEATURES

- High Bandwidth - 350MHz (-3dB).
- Looping Input.
- Selectable Input Signal Termination.
- Level (Gain) & EQ (Peaking) Controls - Recessed trimmers to prevent tampering.
- Audio Level Control.
- System Range (Twisted Pair) - More than 500m (1500ft). Greater distances possible depending on signal resolution and cable.
- Cable (Twisted Pair) - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Worldwide Power Supply - 100-240V AC.
- Desktop Size - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.



### TECHNICAL SPECIFICATIONS

<b>INPUT:</b>	1 looping composite video, 1Vpp/75Ω on a BNC connector; 1 looping stereo audio +4dBu, on RCA connectors.
<b>OUTPUTS:</b>	2 composite video, 1Vpp/75Ω on BNC connectors; 2 stereo audio +4dBu, on RCA connectors; 1 CAT 5 on an RJ-45 connector.
<b>MAX. OUTPUT LEVEL:</b>	Video: 2.4Vpp; Audio: +21dBu.
<b>BANDWIDTH (-3dB):</b>	Video: 350MHz; Audio: 43kHz.
<b>DIFF. GAIN:</b>	0.04%.
<b>DIFF. PHASE:</b>	0.06Deg.
<b>K-FACTOR:</b>	<0.05%.
<b>S/N RATIO:</b>	76dB.
<b>CROSSTALK (all hostile):</b>	-67dB.
<b>CONTROLS:</b>	Video: Level: -0.4dB to +6dB; EQ.: 0dB to +10dB @50MHz; Audio: Level: -12dB to +12dB.
<b>COUPLING:</b>	Video: DC; Audio: AC.
<b>AUDIO THD + NOISE:</b>	0.02%.
<b>AUDIO 2nd HARMONIC:</b>	0.005%.
<b>POWER SOURCE:</b>	100-240V AC 50/60Hz, 12VA.
<b>DIMENSIONS:</b>	21.46cm x 16.25cm x 4.36cm (8.45" x 6.39" x 1.72") W, D, H.
<b>WEIGHT:</b>	1.4kg (3.1lbs) approx.
<b>ACCESSORIES:</b>	Power cord.
<b>OPTIONS:</b>	RK-1 19" rack adapter.

