



VM-10YCxl

1:10 Composite & s-Video with Stereo Audio Distribution Amplifier



The **VM-10YCxl** is a unique dual format 1:10 distribution amplifier for composite video and s-Video (Y/C) signals with unbalanced stereo audio. The **VM-10YCxl** is a flexible DA that can handle both composite and s-Video (Y/C) signals and includes built-in high-quality signal format conversion.

FEATURES

- High Bandwidth (CV to CV) - 370MHz (-3dB).
- Dual-Format - 1:10 composite video with stereo audio section & 1:10 s-Video (Y/C) with stereo audio.
- Built-in Bidirectional Format Conversion with Digital Comb Filter - 1:20 DA (10 composite & 10 Y/C with stereo audio) for either the composite video or s-Video (Y/C) input.
- Extra Converted Output Connectors - For each signal type, composite video and s-Video (Y/C), there is a dedicated format converted output.
- Looping Input.
- Input Signal Termination.
- Video AC/DC Coupling Selection.
- Standard 19" Rack Mount Size - 2U.

TECHNICAL SPECIFICATIONS

INPUTS: 1 composite video with loop, 1Vpp/75Ω on a BNC type connector; 1 Y/C with loop, (Y) 1Vpp/75Ω, (C) 0.3Vpp/75Ω on a 4-pin connector; 2 unbalanced stereo audio with loop 1Vpp/50kΩ on RCA connectors.

OUTPUTS: 10+1 composite video, 1 Vpp/75Ω on BNC connectors; 10+1 Y/C, Y=1Vpp/75Ω, C=0.3 Vpp/75Ω on 4-pin connectors; 2x10 unbalanced stereo audio, 1Vpp/150Ω on RCA connectors.

VIDEO BANDWIDTH 370MHz (composite to composite).
(-3dB):

AUDIO BANDWIDTH 100kHz.
(-3dB):

DIFF. GAIN: 0.05%.

DIFF. PHASE: 0.15Deg.

K-FACTOR: <0.05%.

VIDEO S/N : 75.5dB.

AUDIO S/N : 80dB, 1Vpp unweighted.

VIDEO CROSSTALK: -61dB @5MHz.

NON-LINEARITY: 0.1%.

CONTROL: Y/C to Y/C or composite, composite to composite or Y/C, PAL/NTSC program switches.

COUPLING: DC or AC (video); AC at input, DC at output (audio).

AUDIO THD: 0.046% @1kHz.

2nd HARMONIC: 0.003% @1kHz.

POWER 230V AC, 50/60Hz (115V USA), 14VA.

CONSUMPTION:

VIDEO MAX. OUTPUT 2.2Vpp, composite.
LEVEL:

AUDIO MAX. OUTPUT 26.5Vpp.
LEVEL:

AUDIO CROSSTALK: -85dB @1kHz.

DIMENSIONS: 19" x 7" x 2U W, D, H, rack mountable.

WEIGHT: 3.8kg (8.4lbs) approx.

INCLUDED Power cord, rack "ears".

ACCESSORIES:

