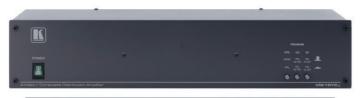
## VM-10YCxI

## 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 looping, 1Vpp/75Ω

on a BNC type connector; 1 looping (Y),  $1 \text{Vpp}/75\Omega$ , (C) 0.3 $\text{Vpp}/75\Omega$  on a 4-pin connector; 2 unbalanced stereo audio looping 1Vpp/5OkΩ on RCA connectors.

OUTPLITS: 10+1 composite video, 1  $Vpp/75\Omega$  on

BNC connectors;

10+1 Y/C, Y=1Vpp/75Ω, C=0.3 Vpp/75 $\Omega$  on 4-pin connectors; 2x10 unbalanced stereo audio,  $1Vpp/150\Omega$  on RCA connectors. 370MHz (composite to composite).

VIDEO BANDWIDTH (-3dB):

AUDIO BANDWIDTH (-3dB): 100kHz. 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: CONTROL:

Y/C to Y/C or composite, composite to composite or Y/C, PAL/NTSC

program switches

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

0.046% @1kHz. AUDIO THD:

2nd HARMONIC: 0.003% @1kHz. 230V AC, 50/60Hz (115V USA), POWER SOURCE:

14VA

VIDEO MAX. OUTPUT LEVEL: AUDIO MAX. OUTPUT LEVEL: AUDIO CROSSTALK:

2.2Vpp, composite. 26.5Vpp. -85dB @1kHz.

DIMENSIONS: 19" x 7" x 1U W, D, H, rack

mountable.

3.8kg (8.4lbs) approx. WFIGHT: ACCESSORIES: Power cord, rack "ears".

