

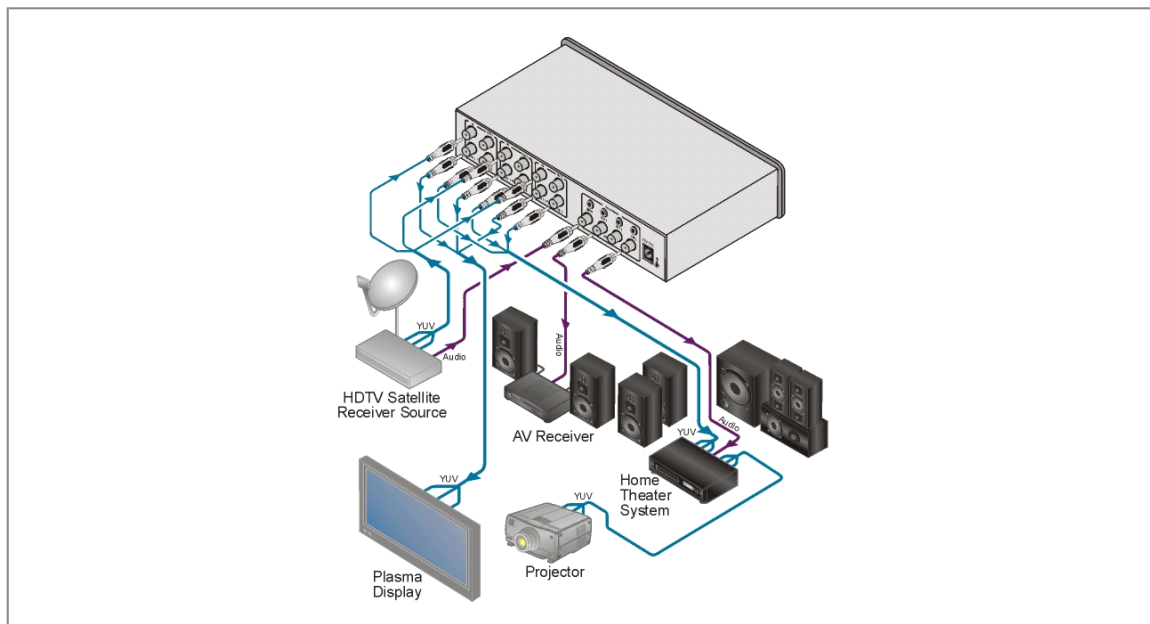


VM-30CA

1:3 Component Video, S/PDIF & Stereo Audio Distribution Amplifier



The **VM-30CA** is a high-performance distribution amplifier for component video (YUV), S/PDIF and unbalanced stereo audio signals. It takes one input of each signal type, provides correct buffering and isolation, and distributes the signal to three identical outputs.





VM-30CA

FEATURES

- **Bandwidth** - 400MHz (-3dB).
- **HDTV Compatible.**
- **Level (Gain) & EQ (Peaking) Controls** - Individual controls for each of the Component/HDTV video signals (Y, Pb, Pr).
- **Level (Gain) Controls** - Left & right for unbalanced stereo audio.
- **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

INPUTS: 1 component video (Y, Pb/Cb, Pr/Cr) 1Vpp, 0.7Vpp, 0.7Vpp/75Ω on RCA connectors; 1 digital audio (S/PDIF) 75Ω on RCA connectors; 1 unbalanced stereo audio +4dBu (nominal)/50kΩ on 3.5mm mini jacks.

OUTPUTS: 3 component video (Y, Pb/Cb, Pr/Cr) 1Vpp/0.7Vpp, 0.7Vpp/75Ω on RCA connectors; 3 digital audio (S/PDIF) 75Ω on RCA connectors; 3 unbalanced stereo audio +4dBu (nominal)/150Ω on 3.5mm mini jacks.

MAX. OUTPUT LEVEL: Video: 2.3Vpp; Audio: 1.8Vpp (S/PDIF); 25dBu (analog).

BANDWIDTH (-3dB): Video: 400MHz, fully loaded; Audio: >100kHz.

DIFF. GAIN: 0.03%.

DIFF. PHASE: 0.03Deg.

K-FACTOR: <0.05%.

S/N RATIO: Video: 74dB; Audio: 87dB (analog).

CONTROLS: Video level: -4.1dB to +6.4dB; Audio level: -70dB to +6.2dB; EQ.: 0dB to +6.3dB.

COUPLING: Video: DC; Audio: Input: AC; Output: DC.

AUDIO THD + NOISE: 0.065%.

AUDIO 2nd HARMONIC: 0.002%.

POWER SOURCE: 12V DC, 500mA.

DIMENSIONS: 21.5cm x 16.3cm x 4.4cm (8.4" x 6.4" x 1.7") W, D, H.

WEIGHT: 3.7kg (8.2lbs) approx.

ACCESSORIES: Power supply.

OPTIONS: RK-1 19" rack adapter.