

## VM-30CA

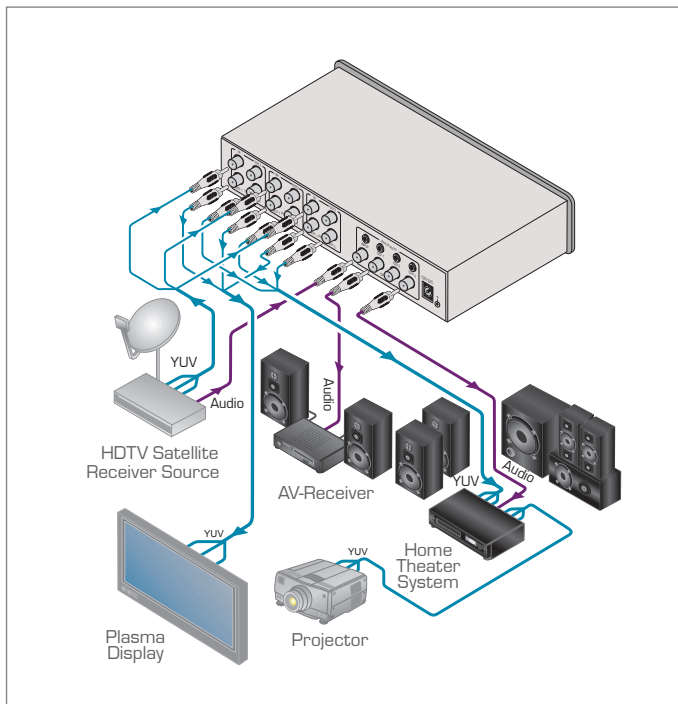
1:3 Component Video, S/PDIF & Stereo Audio Distribution Amplifier



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.

### 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

<b>INPUTS:</b>	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.
<b>OUTPUTS:</b>	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.
<b>MAX. OUTPUT LEVEL:</b>	Video: 2.3Vpp; Audio: 1.8Vpp (S/PDIF); 25dBu (analog).
<b>BANDWIDTH (-3dB):</b>	Video: 400MHz, fully loaded; Audio: >100kHz.
<b>DIFF. GAIN:</b>	0.03%.
<b>DIFF. PHASE:</b>	0.03Deg.
<b>K-FACTOR:</b>	<0.05%.
<b>S/N RATIO:</b>	Video: 74dB; Audio: 87dB (analog).
<b>CONTROLS:</b>	Video level: -4.1dB to +6.4dB; Audio level: -70dB to +6.2dB; EQ.: 0dB to +6.3dB.
<b>COUPLING:</b>	Video: DC; Audio: Input: AC; Output: DC.
<b>AUDIO THD + NOISE:</b>	0.065%.
<b>AUDIO 2nd HARMONIC:</b>	0.002%.
<b>POWER SOURCE:</b>	12V DC, 500mA.
<b>DIMENSIONS:</b>	21.5cm x 16.3cm x 4.4cm (8.4" x 6.4" x 1.7") W, D, H.
<b>WEIGHT:</b>	3.7kg (8.2lbs) approx.
<b>ACCESSORIES:</b>	Power supply.
<b>OPTIONS:</b>	RK-1 19" rack adapter.

