

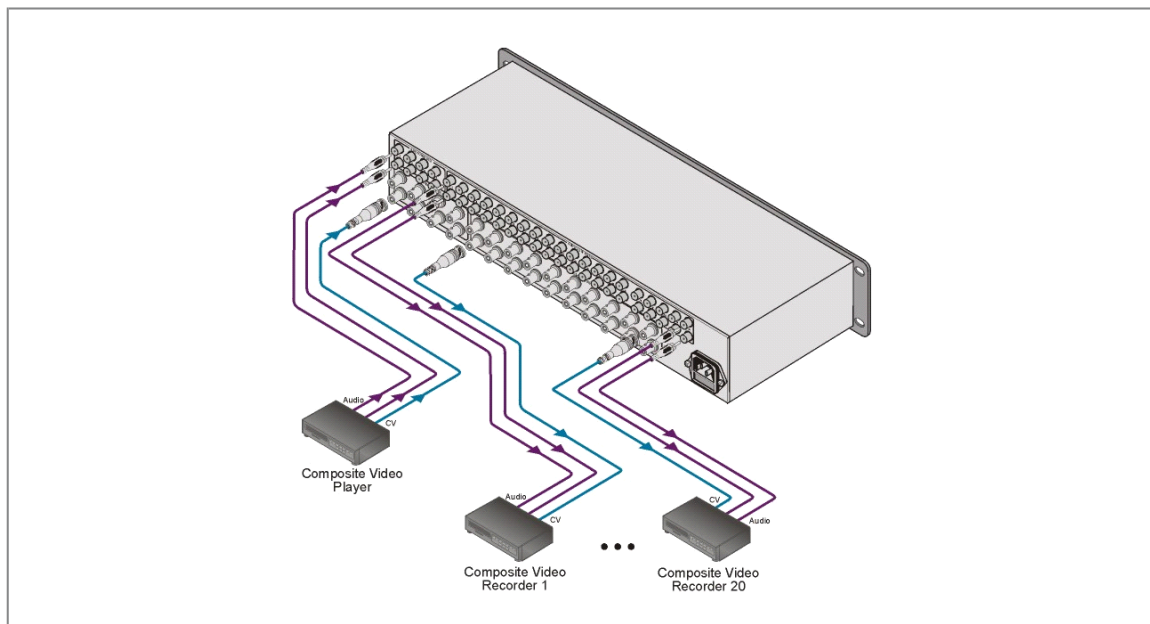


## VM-20ARII

1:20 Composite Video & Stereo Audio Distribution Amplifier



The **VM-20ARII** is a multi-format, high-performance distribution amplifier that can also be configured for composite or SDI video and unbalanced stereo audio signals. It can be configured as a 1:10 distribution amplifier for s-Video (Y/C) signals or a 1:5 distribution amplifier for RGBS signals, both with unbalanced stereo audio.





## VM-20ARII

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### FEATURES

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- High Bandwidth - 430MHz (-3dB).
- Multi-Mode - Configure as a 1:20 (Composite), 1:10 (s-Video), or 1:5 (RGS) DA.
- Grouped Audio Level Control.
- Grouped Level (Gain) and EQ (Peaking) Controls.
- Looping Input.
- Selectable Input Signal Termination.
- Video AC/DC Coupling Selection.
- Standard 19" Rack Mount Size - 2U.

### TECHNICAL SPECIFICATIONS

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INPUTS:	4 video, looping, 1Vpp/75Ω on BNC connectors with termination switches; 4 unbalanced stereo audio (or balanced mono) +4dBu/50kΩ, on RCA connectors.
OUTPUTS:	Video: 20 (1:20, 2x1:10, 4x1:5, 1:10, 2x1:5) 1Vpp/75Ω on BNC connectors; Audio: 20 (1:20, 2x1:10, 4x1:5, 1:10, 2x1:5) stereo or balanced mono, +4dBu/50Ω, 27Vpp max. on RCA connectors.
VIDEO BANDWIDTH (-3dB):	430MHz.
AUDIO BANDWIDTH (-3dB):	110kHz.
DIFF. GAIN:	0.06%.
DIFF. PHASE:	0.08Deg.
VIDEO S/N RATIO:	76dB.
AUDIO S/N RATIO:	80dB.
VIDEO CONTROL:	-1.2 to +1.7dB level, 0 to +2.4dB EQ.
AUDIO CONTROL:	+0.3 to +6.2dB.
VIDEO COUPLING:	DC/AC user selectable.
AUDIO COUPLING:	AC (input), DC (output).
AUDIO THD+NOISE:	0.02%.
2nd HARMONIC:	0.002%.
POWER SOURCE:	230V AC 50/60Hz (115V USA) 18.5VA.
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	3.6kg (8lbs) approx.
ACCESSORIES:	Power cord.