



## VM-20ARII

1:20 Composite Video & Stereo Audio Distribution Amplifier

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The VM-20ARII is a multi-format, high-performance distribution amplifier that can also be configured for composite 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.

### FEATURES

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- High Bandwidth - 430MHz (-3dB).
- Multi-Mode - Configure as a 1:20 (composite), 1:10 (s-Video), or 1:5 (RGBS) 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.



## VM-20ARII

### TECHNICAL SPECIFICATIONS

|                         |  |
|-------------------------|--|
| INPUTS:                 | 4 video with loop, 1Vpp/75Ω on BNC connectors with termination switches; 4 unbalanced stereo or balanced mono audio, +4dBu/50kΩ on RCA connectors.   |
| OUTPUTS:                | 20 video (1:20, 2x1:10, 4x1:5, 1:10, 2x1:5), 1Vpp/75Ω on BNC connectors; 20 unbalanced stereo or balanced mono audio (1:20, 2x1:10, 4x1:5, 1:10, 2x1:5), +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 CONSUMPTION:      | 230V AC 50/60Hz (115V USA) 18.5VA.   |
| DIMENSIONS:             | 19" x 7" x 2U W, D, H, rack mountable.   |
| WEIGHT:                 | 3.6kg (7.9lbs) approx.   |
| INCLUDED ACCESSORIES:   | Power cord.  |

