

VM1 Video Matrix

4x4 and 8x8 system configuration

- Modular system construction for multiple video applications
- Expandable to fit many system needs



Two RNET ports are included to connect the VM1 directly to an RNET multiroom system for synchronized audio and video switching. For third-party control systems using Russound's RS-232 command protocol both a DB9 and a USB port are provided.

The Video Matrix is available in five configurations:

VM1 8 VM1 4UC

VM1 4

VM1 8UC VM1 8UC2

The VM1 includes the following:

- 24 VDC power adapter
- Rear-panel power switch
- Front-panel LED power and traffic indicators
- Optional rack ears
- VMR1 Receivers (4 or 8 depending on configuration)



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Since 1967, innovation, quality and reliability have been the core of the Russound product tradition. Today, Russound offers everything for enjoying multiroom audio-video in your home. All audio-video distributed solutions are built to high standards and designed with the unique consideration of making products that are a pleasure to live with and enjoy.

VM1 VIDEO MATRIX



High-definition
Video Distribution
 Made Easy

VM1 Video Matrix Distributes component video signals in resolutions up to 1080p

The VM1 Video Matrix distributes component video signals in resolutions up to 1080p from four or eight sources to up to eight zones at distances of 300'.

Send your Satellite TV signal to the master bedroom, the den, or both. Upconvert the VCR signal from the living room and watch it on your projection screen in the home theater. Russound's Video Matrix makes it easy.

The VM1 mirrors source selections made by Russound CAV6.6, CAM6.6 and CAA66 multiroom audio systems to provide a transparent audio / video selection process with no latency. When you choose the DVD as a source from your keypad or remote control you get both the picture and sound at once.

The Video Matrix selects video sources (Satellite, DVD, etc.) for specific zones through commands from a distributed audio system. This allows the Video Matrix to distribute component video signals while audio signals are transmitted through the multiroom audio system. Active video circuitry prevents signal loss and interference, enabling longer cable runs – making it a real-world solution.

Optional for the VM1 is a format upconverter for converting composite and S-video signals to component video. Four-zone, four-source models offer up-conversion for two sources, while eight-zone, eight-source models offer up-conversion for as many as four sources.

The Video Matrix is available in five configurations:

VM1 4 – basic 4x4 switching from component video sources only, includes 4 VMR1 single-gang Decora® CAT-5 receivers

VM1 4UC – 4x4 component video switching with upconversion for S-video and composite on sources 1 and 4, includes 4 VMR1 single-gang Decora CAT-5 receivers

VM1 8 – basic 8x8 switching from component video sources only, includes 8 VMR1 single-gang Decora CAT-5 receivers

VM1 8UC – 8x8 component video switching with upconversion for S-video and composite on sources 1 and 4, includes 8 VMR1 single-gang Decora CAT-5 receivers

VM1 8UC2 – 8x8 component video switching with upconversion for S-video and composite on sources 1, 4, 5 and 8, includes 8 VMR1 single-gang Decora CAT-5 receivers



Video Signal Upconversion

- Converts composite and S-video signal to component video eliminating the need to change display input selection
- Single cable run to display for all video signal types accepted by the VM1

Seamless RNET® System Integration

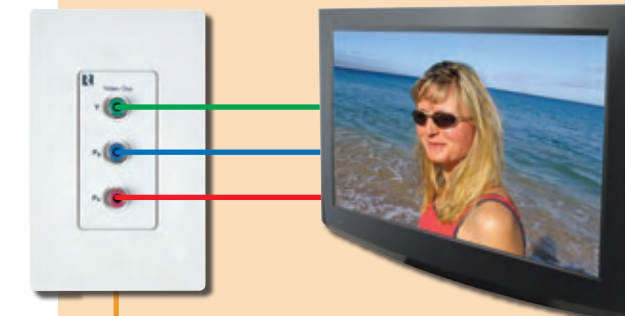
- Sends video in unison with audio signals from Russound CAV6.6, and CAM6.6 RNET enabled controllers and the CAA66 controller without programming



Connect either four or eight sources to the VM1



VM1 shown with CAV6.6 Controller



VMR1 Receiver

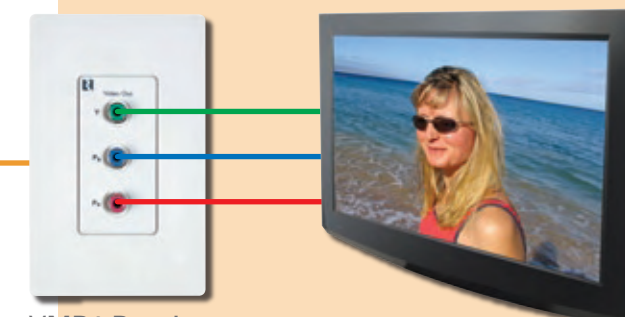
- Receives video signals from VM1 over a single CAT-5e cable and decodes the CAT-5e signal back to RGB analog component video output
- Connects easily using 110 punch down termination
- Allows zone location up to 300' from Video Matrix
- All configurations of the Video Matrix include the appropriate number of VMR1 receivers

High Definition (HD) Capable

- Converts up to 1080p component video resolution
- Compatible with high-quality video screens and HD video services

CAT-5e Wire Distribution

- Single cable instead of three coaxial cables
- Faster and simpler installation
- Distribution up to 300'



VMR1 Receiver