

VM1 Configuration Tool Software Overview and Instructions

Overview

The VM1 Video Matrix Configuration Tool Software allows installers to customize the VM1 Video Matrix for a much wider variety of applications. It allows the dealer to assign VM1 inputs to specific system sources and VM1 outputs to specific system zones.

Requirements

This software requires that the VM1 have Version 2.00.00 Firmware or higher to work. The latest firmware version with instructions for updating the VM1 is available through Russound's Document Center.

Procedure

Download the VM1 Configuration Tool Installer file from the Document Center and install on your PC. Connect a straight-through DB9 serial cable between the PC COM port and the RS-232 port on the VM1. A USB cable can also be used. Launch the application to begin configuration.

The following information corresponds to the fields available from the configuration software main screen.

COM Port Selection:

This selection determines what COM port the PC will be using for communication to the VM1.

VM1 Model:

The VM1 model selection determines how many video matrix inputs and outputs can be configured.

Controller Model:

The Controller model selection determines how many audio sources there can be and how many zones are on each controller, as well as setting the VM1 to be used standalone.

Source Input:

Each source of the audio system is represented on the left side while a corresponding combo box is located to its right for selecting the input on the VM1 to be associated with that audio source. After selecting the VM1 model and Controller model being used, Source Input Assignment can be performed.

Source Input Assignment:

Installers can select what input on the VM1 is assigned to what source on the audio controller. This allows a VM1-4 four source four zone video matrix to support video for all system source inputs, not just 1-4. This also resolves situations where a particular source is not for video as with the CAM6.6T which has an AM/FM tuner for source #1.

Additionally, multiple sources on the audio system can be assigned to the same video input on the VM1. For example, the Russound SMS3 media server has three audio stream outputs but only a single video output. If the SMS3 is configured as audio source inputs 3,4 and 5 they can all be assigned to video input #1 on a VM1-4 leaving inputs 2,3 and 4 open for other sources.

Controller and Zone Output Assignment:

Installers can assign each output on the VM1 to correspond with particular audio controller zones for source selection changes. This allows flexibility for using the VM1 with sources/zones that have different video distribution requirements. This even allows multiple VM1 outputs to be assigned to the same zone of the audio controller when there are multiple displays in one audio zone.

Send Configuration to VM1:

This performs the write function to the VM1 to load the configuration settings made and must be done before any settings will be operable in the VM1 including a factory initialization command.

