



Multimedia 16x16 Matrix Switch (50047x)

Frequently Asked Questions (FAQ)

1. **Does the VGA Input Card embed the stereo audio channel into the HDMI channel?** Yes..
2. **Does the Multimedia 16x16 Matrix Switch support “Timed Switching”?** It does support “Timed Switching” per se. However, it is a scriptable feature that can easily be achieved via RS-232 or USB with a standard PC.
3. **In regard to the VGA/Audio 4-Channel Card (500474), what is the image quality one can expect after conversion from VGA to HDMI. What is the resolution and screen ratio that the VGA card scales to.** The 500474 upscales to 1080P. Therefore, in order to achieve the best image quality, the VGA source must output at the highest resolution possible. For example, VGA @ 1920X1080 will appear sharper than VGA @ 800X600. The VGA screen ratio is maintained after upscaling. Therefore for optimal image quality, the aspect ratio should be set to 16X9.
4. **Our setup consists of an HDMI source connected to the matrix switch and from the matrix it is connected to an AVR and in turn to an HDTV. The HDTV is not able to play Digital HD audio formats (i.e. DTS HD) and the front display panel of our AV receiver just reads "Digital Stereo". What could be the problem?** The problem is that the EDID from the HDTV is not being transmitted to the HDMI source. In order to correct this, please use the following procedure. Use the EDID Learning/Cloning device that ships with the 500470 Matrix as follows:
 - a) To learn the EDID that includes the DTS HD option, you need to connect the AV receiver to the TV (HDMI Cable from AV Receiver output to the TV input) and then connect the EDID Cloning device to learn the EDID at the **AV receiver input**. Of course, both the AV Receiver and the TV should be ON.
 - b) To copy the EDID on the matrix, connect the EDID Cloning device to the desired matrix input and copy the EDID at the **Matrix HDMI Input**. Now the matrix's HDMI input EDID is a copy of the system EDID (AV Receiver + TV).

For more information, please refer to the EDID Cloning section in the Multimedia 16x16 Matrix Switch Manual.

For more information, please contact MuxLab Customer Technical Support at 877-689-5228 (North America) or +1 514-905-0588 or at videoease@muxlab.com or visit <http://www.muxlab.com/>.

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