



How To: Setup MVP-Touch Panel PC

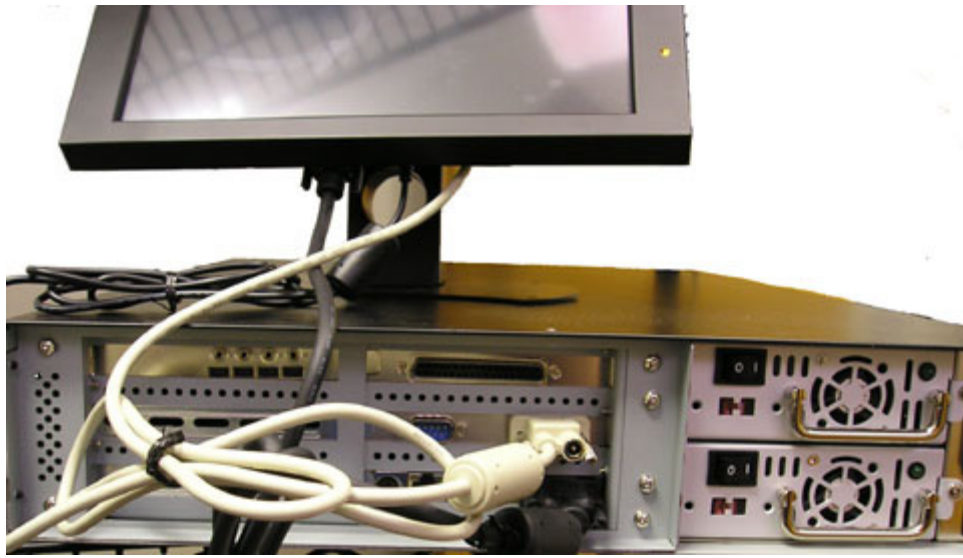
This instructional “How To” guide will assist you in setting up a MVP-Touch Panel PC. The touch panel PC is the latest evolution in the Avitech controller and includes a 12.1” LCD touch panel for ease of control in using your virtual monitor wall system, although installation and setup will still require a keyboard and mouse.

Chapters:

1. Physical connections
2. Software setup
3. Hardware specification
4. Technical support

Physical Connections:

There are three basic connections you need to make from the controller to the touch panel. They include the power cord, the VGA cord, and the DB9 (RS232) cord. Please make sure to change the output resolution of the first display in Windows display properties to



800x600 or else the output on the touch panel will not display correctly.

Software Setup:

To setup the hardware in Windows 2000 or XP, just run the executable that is located in the following directory:

c:\MCC_8000\Options\Touch_Screen. If your controller does not have this folder with the installation file, you can download it from the following website:

<http://www.onetouch.com.tw/en/driver/rs232.htm>. Make sure you download serial driver V1.1.7 for Windows 2000 and XP.

Once you start the installer, select next at each menu until you reach the end of the process. After the installation completes, the software will go through all the available com ports to detect the touch screen. If it does not detect it the first time through, restart Windows and try again.

After detecting the display on the Com port, you will see a menu to calibrate the touch panel. You will have to touch each of the four corners of the display to properly calibrate the screen. It is recommended that you use a stylus (not provided) when touching the LCD. When you complete the calibration, select OK



to finish. You will see a Control Panel on your desktop; this can be closed and will stay active in the Taskbar.

Finally use the mouse and keyboard to launch Cosmos V4 and configure your virtual monitor wall to your specification. You can save presets for each group which will later show up in Touch Mode so the user can do simple tasks such as load presets, maximize windows to full screen, swap windows, and output audio. This allows administrators to setup the wall and enter touch mode where the user is limited to what he can do.

Hardware Specifications:

LCD Display: 12.1" active matrix TFT LCD

Touch Screen: 5 Wire Resistive

Pixel Pitch: 0.3075(H) x 0.3075(V)mm

Max Resolution: 800(H) x 600(W) SVGA

Dimension : 304(V) x 244(H) x 143(D) mm

Contrast Ratio: 300 :1

Brightness: 200 cd/m²

Response Time: 15/30 ms

Display Color: 16.777M

Viewing Angle L/R: 140°

Viewing Angle U/D: 120°

PC Interface Video Sync: RGB analog 0.7V

pp TTL positive or negative

Display Mode: VGA SVGA

PC Connector: 15pin D-sub
AC Input: 100-240V/1.8A, 50-60Hz
DC Output: 12V/3.0A
Temperature: 0°C-50°C
Operating Humidity: 20%-80%
Operating Temperature: -20°-60°C
Storage Humidity: 20%-80%
Weight: N/W 2.6Kgs G/W 3.6Kgs

Technical Support

If you have any questions regarding the information provided in this guide, please call our technical support line at 425-885-3863 or our toll free line at 1-877-AVI-TECH.

To contact the author of this document, please send an email to Thomas@avitechvideo.com.