



OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: Simultaneous video/touch with 9460ACT and 9406T

AN# 1058

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Description: connecting using Windows 3.11 operating system

This note will guide you in successfully connecting a 9406T and a 9460ACT together. They both will have touchscreen running so you can control from each unit. This would be a good application if a customer has a big machine and he/she needs to control from either side of the machine.

1. The two Xycom units that you will be working with are the 9460ACT and the 9406-T. An active matrix TFT Flat Panel is the choice that you want for both units for this application to run successfully. The jumpers on the touchscreen board for the 9460ACT should be set up as follows, J1-J5 must be in the "B" position for mouseport touchscreen recognition. The touchscreen manufacturer for the 9460 is Microtouch. The touchscreen manufacturer for the 9406-T is Unitouch.

2. On the 9460ACT with DOS loaded, install the diskette HiQVIDEO media driver's disk. This diskette is the OEM BIOS/Driver Utilities by Chips and Technologies. This disk has 1 file that needs to be copied onto your hard drive in the root directory of C:\. The file is SM.COM (stands for simultaneous mode) that needs to be installed onto your hard drive. Put SM.COM into your AUTOEXEC.BAT file, that way when you reboot both the 9460ACT and 9406-T will turn on and display the same information. Install Windows.

3. After you have successfully installed Windows 3.11, exit out of windows and go to the A:\ prompt. Install the Micotouch Windows/DOS 3.3MP mouseport diskette into the floppy drive and type "SETUP" at the A:\ prompt. Let the touchscreen driver load and do its installation, DO NOT TOUCH THE SCREEN WHEN INSTALLING THE MICROTOUCH DRIVER OR IT WILL LOCK UP ON YOU. Reboot the computer when asked and go back into Windows and run the Microtouch Calibration on the 9460ACT. Microtouch makes an ICON in Windows for you to go and run calibration.

4. At this point the 9460ACT should be running windows and the touchscreen should be working also. On the 9406-T you should be seeing exactly what the 9460ACT has on it, but the mouse for the 9406-T is not going to work yet until we do the next step.

5. The installation for the touchscreen on the 9406-T will be installed in Windows 3.11. Install the T5DRIVER Unitouch Touchscreen driver diskette into the A:\ drive. In file manager double click the touchscreen on the 9460ACT for drive A: and run TWSETUP.EXE to install touch onto the 9406-T. Answer all questions on the setup for the 9406-T on the 9460ACT at this time. You want Serial connection. You want to use either COM1 or COM2 depending what you connection is for the 9406-T. When you get to the point where it asks for you to calibrate the screen then touch the 9406-T to calibrate it.