

OVERVIEW:

NextWindow® is a leading designer and developer of optical touch screens. The primary use of the unit is as a touch-sensitive overlay for plasma panels and other display devices. Using a touch screen allows the end-user to make selections without directly accessing the playback equipment.

Video can come from a wide variety of sources. One option would be to play back video from a Pioneer industrial DVD player such as the **DVD-V5000**, **DVD-V7400**, or **DVD-V8000**. When using one of these Pioneer players with a NextWindow touch screen, the combination offers a complete interactive display for DVD disc navigation and viewing alternatives.

A specific cable configuration is required to allow the touch screen and player to communicate. The DVD-V7400 and the DVD-V8000 can have the same requirements; DB-15 Male (player) to DB-9 Male (touch screen), pin 3 to pin 2; and pin 1 to pin 5. However, the DVD-V5000 as well as the DVD-V8000 can be connected to the touch screen using DB-9 Female (player) to DB-9 Male (touch screen) with pin 2 to pin 2 and pin 5 to pin 5.

Depending upon your player model and resources, you may choose to make the cable. To build your own cable, please refer to the following section for more information.

TECHNICAL DETAILS:

NextWindow touch screen model 2403 uses Pioneer's RS-232C interface ports for communication and control of the DVD player. Each model communicates through a selected interface and baud rate. The DVD-V7400 has a single DB-15 RS-232C interface with a default baud rate of 4800. The DVD-V5000 has two RS-232C interfaces, DB-15 and DB-9. The default setting for the DVD-V5000 is the DB-15 port with a baud rate of 19,200. The DVD-V8000 also has two RS-232C interfaces with the default set to the DB-15 interface but the default baud rate is 4800. Both the DVD-V5000 and DVD-V8000 RS-232C serial ports and baud rates are user selectable through the player's Advanced Features Menu.

The following information provides connector and pin-out data broken down by Pioneer industrial DVD player model.

DVD-V7400 using a serial cable:

DB-15 Male > DB-9 Male "NextWindow 2403"
Pin 3 > Pin 2
Pin 1 > Pin 5

DVD-V8000 & DVD-V5000 using the Extended Terminal RS232 DB-15 Connector:

DB-15 Male > DB-9 Male "NextWindow 2403"
Pin 3 > Pin 2
Pin 1 > Pin 5

DVD-V8000 & DVD-V5000 using the RS232 DB-9 Connector:

DB-9 Female > DB-9 Male "NextWindow 2403"
Pin 2 > Pin 2
Pin 5 > Pin 5

ADDITIONAL INFORMATION:

NextWindow has a touch screen installation guide that explains configuring the touch screen using their USB configuration application. Calibrating the touch screen is also covered in this guide. From the NextWindow website, download the installation guide then create a calibration Video CD per instructions on the DVD Touch page.

Support page: http://www.nextwindow.com/applications/dvd_touch.html

or go through the Home page at: www.nextwindow.com

If you are unable to create a video CD, send an email to the Support group at NextWindow and request the Calibration disc, support@nextwindow.com.

For additional help with your industrial DVD player, please contact your Pioneer representative or call the Pioneer Service organization at (800) 872-4159.