

# Quick Start Guide

## NOMAD PD2100A Multimedia Podium



### OVERVIEW

The Nomad PD2100A Multimedia Podium is the most powerful and robust model of the Nomad Multimedia Podium line. This all-in-one system integrates a wide variety of presentation equipment to share the technology from courtroom-to-courtroom. Activation is easy . . . simply plug one power cord into the power outlet and three shielded cables and the entire unit is activated and ready for use.

The Nomad Podium easily connects to the pole mounted 58" Jury display, the Witness display and the Judges' display. Two key features which set this model apart from the other Podium models are annotation and two 6" wireless touch-screen control panels.

Now you can make your ideas easier to understand and increase audience interest and comprehension with multimedia presentations. Whether it's using presentation slides, VCR tapes, DVD discs, websites, X-rays, two and three dimensional objects, etc. . . you have the tools you need to bring your presentations to life.

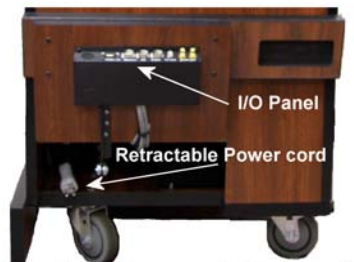
### Features of the Nomad PD2100A Multimedia Podium:

- A proprietary multimedia podium designed by Nomad Technologies
- Two wireless 6" touch-screen controllers - One on the podium, the other on the Judge's bench
- A digital wall display for the Jury is installed with either a 58" plasma or 60" 3M Wall Display
- A 15" touch-screen preview monitor with annotation within the podium for the presenter
- A 15" touch-screen monitor with annotation mounted with an adjustable arm for the witness stand
- A powerful digital document camera
- A VCR/DVD combo player/recorder
- A high-quality sound system includes a powerful amplifier, a gooseneck microphone and speakers
- Integrated Laptop / Auxiliary AV composite (RCA) cables and connections
- Podium master power switch and a single 120 VAC outlet for use with a laptop or other peripheral
- The podium is completely mobile requiring only the power cord and three shielded cables to be connected to be fully functional in the Nomad prepared courtrooms.

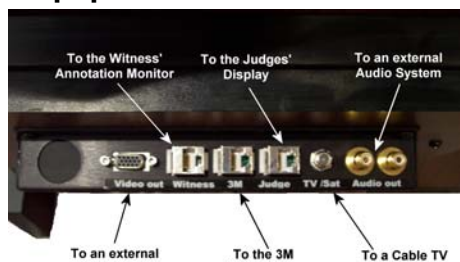
### On the Judge's Bench only -

- A color laser jet printer capable of printing color screen shots of an annotated screen for inclusion into the court's files
- A switchable Judges' monitor – Allows the Judge to view the bench PC, the Clerk's display or what is on the podium's display. A fourth input is available for a feed from a Real-time Court Reporter.

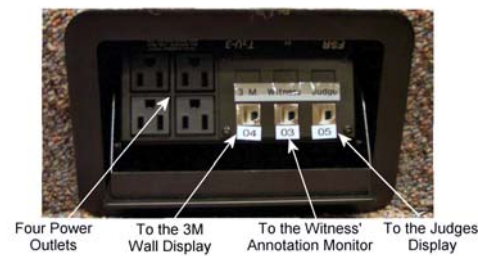
### Location of Features and Equipment



**Podium Power & IO Panel**  
(lower left side)



**Podium IO Panel**



**Nomad Interface Panel**  
(Step to the Court Reporter's Desk)



**Nomad PD2100A Multimedia Podium**  
(Presenters View)



(View of Front & Right Sides)

# Operating the Nomad PD2100A Multimedia Podium

Presently we have seven courtrooms pre-wired for the Nomad Podium System. They include C-201, C-202, C-204, C-205, C-303, C-304 and C-305. These courtrooms already have a either a 58" plasma or 60" wall display for the Jury, the Judges' control panel, the witness monitor and the Nomad interface panel located in the step near the Court Reporter's station.

## Step 1:

After the podium is positioned, pull out the power cord from the lower left panel and plug it into one of the electrical receptacles in the Nomad Interface panel. Now plug in the data wiring harness from the podium I/O panel to the Nomad interface panel. The cables are marked "Witness", "Jury", and "Judge" and correspond to the ports on both panels.

## Step2:

If you plan to use the witness stand's monitor, you must turn it on now. The power button is located on the lower right side of the monitor when looking at it.

## Step3:

Now turn on the "Master Power Switch" located on the right side panel of the Nomad. The 15" monitor should now power up and start syncing the systems. Slide the glass cover to the left to gain access to the wireless touch screen controller. A release button is on the left inside of the compartment to raise the controller.

## Step 4: (If you are using a laptop or portable AV device)

If you have your laptop or a portable DVD player for your presentation, now would be a good time to connect these units. There is a flip up work surface located to the right of the presenter. Pull it up and ensure both support locks are engaged. The laptop and/or component cables are located inside the lower front access door.

## Step 5:

### Using the podium's "Wireless Touch Screen Controller"

The wireless controller is removable and allows the presenter to control the system away from the Nomad podium. All components are controlled through the simple touch screen buttons and easy to follow menus. Help screens are provided to assist you with every button. The *Wireless Touch Screen Controller* is the ultimate in ease of use. Not only is it easy to use, but it provides control of both the basic and advanced functions of each component.

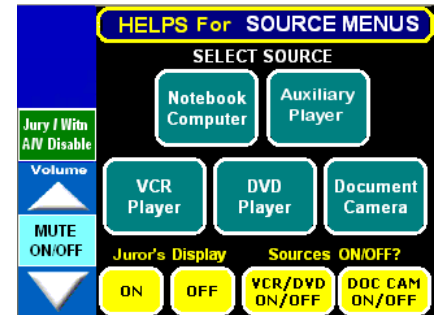
## Main Menu screen of the Wireless Touch Screen Controller

The screen to the right is the initial screen that comes up when the system is turned on. You can return to this screen by selecting "HOME" from most of other screens.

From this menu you simply:

- **Select the Source** component you wish to use.
- Adjust the **Volume** Up, Down or Mute.
- Turn the **Jurors Display**, **VCR/DVD** or **Doc Cam** on or off.
- Select from a list of all of the different **Source Menus** available
- **Jury /Witn A/V Disable** button on the wireless touch screen control systems disables all audio and it blanks out the video signal to both the witness stand and the jury's overhead display for the when activated.

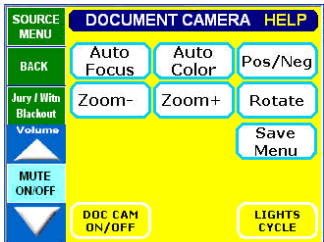
**NOTE:** If the screen on the Wireless Controller goes blank (goes to sleep), just touch the screen and move your finger around to wake it up.



## Using the podium's Volume Control function

In the lower left corner of the wireless touch screen controller is the podium's Volume Control buttons.

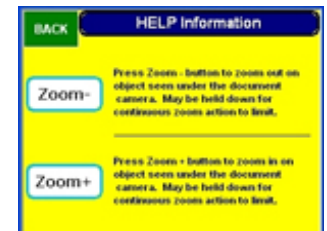
Select the ▲ **Up** button to turn up the volume, select the ▼ **Down** button to turn down the volume and select **MUTE ON/OFF** to cycle between Audio on and off.



## Using the "Help Menus" on the Wireless Touch Screen Controller

Help is available from any screen. By depressing the blue **HELPS for Source Menu** button at the top of any menu screen, you will be taken to a help screen that is appropriate to that menu.

**As an example:** To view the help screen for the **Document Camera**, you would select the green **Document Camera** button, then the **Document Camera Menu Help** button at the top of the menu screen, which would take you to the **Touch Button for HELP** screen shown to the left. By selecting the **Zoom+** button, the **HELP Information** screen shown to the right for the Zoom function for the camera will display. By selecting the green **BACK** button you will return to the **Source Menu** screen.

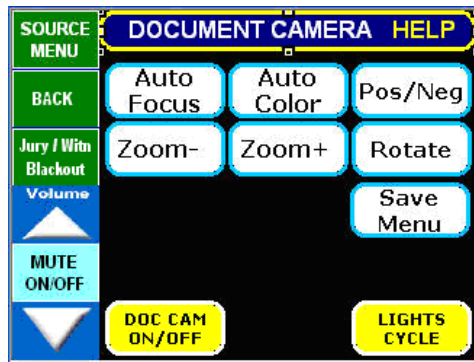


## Using the Document Camera

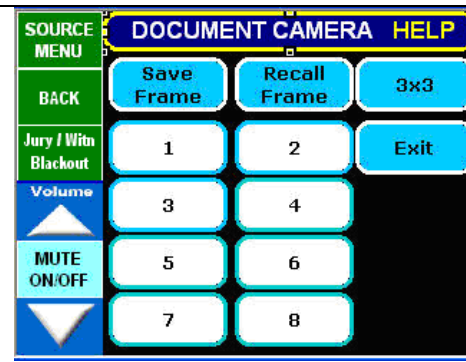
The onboard document camera can be used to display documents, film negatives, X-ray images as well as three dimensional objects. The unit features zoom, freeze, rotate and positive/ negative settings. It can also temporarily store 8 images for recall during a session. CAUTION: Once the document camera's power is turned off, these saved images are lost.

### Steps

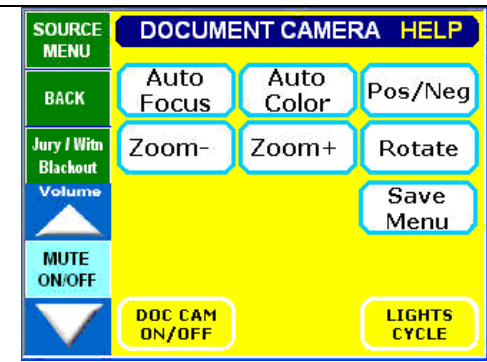
1. Slide out the draw to the left of the presenter
2. Unfold the document camera – The left and right lamps fold up and roll over, the camera assembly folds up and locks into place. (*The release is located at the base of the arm, slide it forward to release the arm.*)
3. Remove the “**Lens Cover**”. (*Easily forgotten, set on the small shelf to the left.*)
4. On the Wireless Controller, select the yellow “**Doc Cam On**” button. (*Look at the camera's power switch to confirm it's on when the indicator light goes from red to green.*)
5. On the Wireless Controller, select the green “**Document Camera**” button.  
**NOTE:** You can manually select the buttons directly from the **Document Camera** without using the wireless controller.  
*(Refer to the **Quick Start Guide** for the Document Camera. (Page 6 of this guide))*
6. Place the item or document you wish to view on the document camera's display surface.



Menu when Document Camera is selected



Sub-menu for the Save Menu button



Help menu for the Document Camera buttons

7. Select the **Lights Cycle** button that best shows the object. The options include:
  - Upper Light** – To light the surface from above.
  - Lower Light** – To backlight an X-ray, slides or transparency.
  - Lights Off** – Turns both lights off.
8. Adjust the **Zoom** as needed.
9. If appropriate, select the **Positive** or **Negative** buttons to better highlight an object.
10. If you need to temporarily save and recall images, select the **Save Menu** button to take you to a subsequent control page with more options. (*See the sub-menu to the right.*)
11. If the object seems blurry on the screen, select **AutoFocus** to correct it.
12. If the color seems to off, select **AutoColor** to correct it.

The **Save Menu** screen allows you to temporarily save and recall up to 8 images. The images remain in the memory of the document camera until the document camera is powered off.

**To save an image:** depress the **Save Frame**, button followed by a frame location button (1-8).

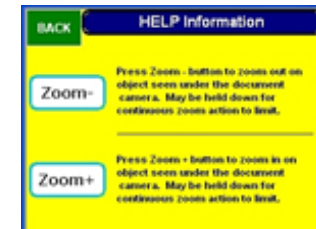
**To recall a saved image:** depress the “**Recall Frame**” button followed by the frame number (1-8) button.

**To view a 3x3 preview matrix:** depress the **3x3** button.

**To return to a live view of the camera after viewing a saved image:** depress the “**Exit**” button.

Depress the “**Source Menu**” button to return to the main **Source Menu**.

- When you select the **Document Camera Help** button the screen above shows.
- Touch the button you need more information on and the “**buttons function**” will be displayed.
- Select “**Back**” to return to the “**Document Camera**” menu.



Sample of the **Help Information** for the function of the **Zoom –** and **Zoom +** buttons.



# SDP-950DXA Quick Start Guide

## BASIC OPERATIONS

The Samsung SDP-950DXA/STA provides control of the basic operations on the front panel of the Digital Presenter. Please note that you can also access these features via the Remote Control or the PS/2 Mouse by right-clicking on the mouse button to access the menu. Advanced features are found on both the remote and menu commands via the mouse.



SDP-950DXA



Turn on the main power switch of the document camera. After the boot-up screen, the presenter will perform an automatic white balance or "Color Adjustment."

**Tip:** Make sure there is no subject matter on the display surface to affect white balance. Printed text on white paper is OK.

### ▶ ROTATE (DXA Only)

Use the **ROTATE** button to electronically "flip" your portrait documents for sharper results and better display. Press the **ROTATE** button once to rotate the document in 90°, 180°, 270°, 0° increments.

### ▶ NEGA/POSI (STA Only)

Press the **NEGA/POSI** conversion button. Each time you press the button, **Nega** or **Posi** appears alternately on the screen.

### ▶ AF

Pressing the **AF** button will activate an auto focus adjustment at any time. Manual focus is available on the remote or menu via the mouse.

**Tip:** Use the mouse and the built-in menu command for extremely accurate manual focus control...especially good for 3-dimensional subjects when at maximum zoom.

### ▶ IRIS

The **IRIS** buttons (brightness control) are used to lighten **+** or darken **-** the overall image for the desired result.

### ▶ INT/EXT

Use this to switch between internal or external images.

**INT** : to view the image from the SDP-950DXA/STA.

**EXT** : to view the VGA output from another source such as a personal computer connected to the VGA input of the presenter.

### ▶ AWC

For automatic color adjustment, press the **AWC** button.

**Tip:** For best results, only activate **AWC** with a white surface under the lens.

### ▶ TXT/IMG

Press the **TXT/IMG** button to control the sharpness of the output image.

**TXT** : For a material with mostly words.  
**IMG** : For a material with mostly image.

### ▶ ZOOM

Press the **ZOOM** **+** or **ZOOM** **-** settings to reduce or enlarge the image size.

**Tip:** Make sure you're not moving the subject during auto focus. If the subject is blurry, press the **AF** button to re-focus.

**Note:** If you save an image when in the Digital Zoom mode, the SDP-950DXA/STA will only save the maximum optical zoom image (12x) to maintain overall image quality.

### ▶ FREEZE

Use the **FREEZE** button to "hold" any image on the screen while you change your subject or to freeze a subject in any position. To release the **FREEZE** mode, press the **FREEZE** button again or **EXIT** button on the remote control.

**Tip:** The **FREEZE** button is used to freeze a live image or divided image in order to activate the **Draw** menu command for annotation.

### ▶ LAMP

Select a proper lighting source with the **LAMP** button of the presenter. Pressing the **LAMP** button turns the upper lamp on or off.

**Tip :** Use the upper lamps for documents and other subjects. Use the built-in Lightbox to illuminate overheads, X-rays, and slides.



**NOTE:** From the controls on the front of the document camera you have additional options available including:

**ROTATE** – Select this button to rotate the display from 0 , 90 , 180 , and 270 without actually moving the object.

**TXT/IMG** – Used to control the sharpness of the image. Use the **TXT** function when displaying mostly words. Use the **IMG** function when displaying mostly images.

**FREEZE** – To freeze a view of the object while you change the objects to a new position or to snapshot a moving object.

**IRIS** – Use to manually control the **brightness** for the camera image.

**INT / EXT** – Can be used to switch from the "**Cameras View**" (**INT**ernally) to a view from a device connected to the VGA connector on the back of the document camera (**EXT**ernally) such as a personal computer. Please do not use this feature.

## Using the VCR Player

When the **VCR Player** button is depressed from the “Source Menu” the VCR is selected as the active input and the VCR player menu appears. This menu allows you to control the VCR player as you would from its remote control.

The functions are as follows:

**Play** – Begins play of the VCR tape. (Inserting the tape into the player will also start the tape to play.)

**Pause** – Pauses the play of the VCR tape.

**REW** – Used to rewind the tape.

**FFWD** – Used to fast forward the tape.

**STOP** – Stops play of the VCR.

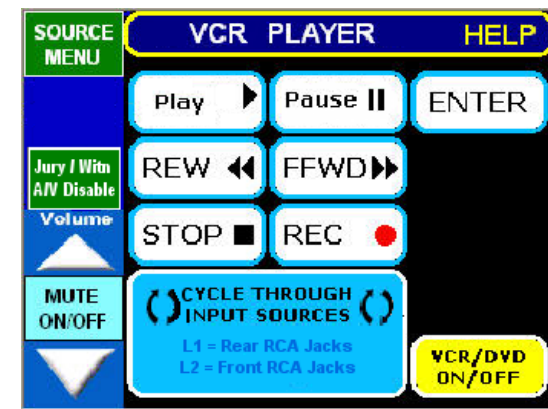
**REC** – Begins recording on a tape. The appropriate input must be selected – see “Cycle Through Input Sources” below.

**Cycle Through Input Sources** – Used to select an input on the DVD/VCR. Choices are L1 (rear jacks) or L2 (front jacks).

**ENTER** – The ENTER button is sometimes needed when prompted on the screen as needed.

**VCR/DVD ON/OFF** – Cycles power to the DVD/VCR combo player on and off.

To “**Eject the tape**”, select the “**Stop ■/Eject ▲**” button twice on the VCR side the player to eject after use.



## Using the DVD Player

When the **DVD Player** button is depressed from the “Source Menu” the DVD player is selected as the active input and the DVD player menu appears. This menu allows you to control the DVD player as you would from its remote control.

The functions are as follows:

**Play** – Begins play of the DVD

**Pause** – Pauses play of the DVD.

**REW** – Goes back one chapter on a DVD

**FFWD** – Advances one chapter on a DVD.

**Chapt -** – If available, a DVD will go back to the beginning of the current chapter or the beginning of the previous one.

**Chapt +** – If available, a DVD will advance to the beginning of the next chapter or the beginning of the next one.

**STOP** – Stops play of the DVD.

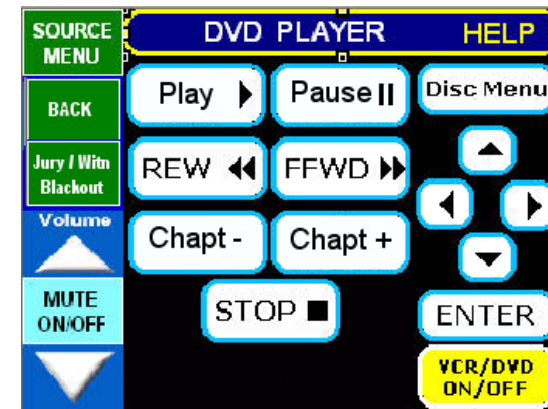
**Disc Menu** – Presents the disc menu, if available on the disc. Usually displays the chapters or other options.

**Arrow Keys** – Used to maneuver through the disc menu options.

**Enter** – Used to enter a selection from the disc menu.

**VCR/DVD ON/OFF** – Cycles power to the DVD/VCR combo player on and off.

To “**Eject the disc**”, select the “**Open ▲/Close**” button once on the DVD side the player to eject after use.



## Connecting and Using a Notebook Computer or Portable AV (DVD) Player



A pre-wired cable integrated into the Nomad Podium System allows a notebook computer or a portable A/V Player to interact with the presentation unit. The presenter can place their notebook computer or portable A/V Player on the flip up work surface mounted on the podium's right side and connects it to the system with the pre-wired cables. The cables are stored behind the lower right door below the DVD player.

**For Laptops:** A 15-pin VGA cable connects to the back of the Laptop and a 1/8" mini-headphone jack plugs into the headphone port of the laptop. Select the green **Notebook Computer** button on the wireless controller's main menu to display to image from the Laptop.

**NOTE:** If you do not see the image on the overhead display, you may need to cycle the “CRT/LCD” function key on “presenter's” laptop to switch it to the dual display mode. For most Dell's, select the **FUNCTION** and **F8** keys. Check your manufacturer's guides for other laptops.

**For an Auxiliary Composite Player** (Portable DVD, etc.): There is a three plug RCA type cable (white to white audio, red to red audio, yellow to yellow video). Select the green **Auxiliary Player** button on the wireless controller's main menu to display to image from the Auxiliary player.

**Electrical Power Outlet:** A single 120 VAC power outlet is conveniently available below the podium's **Master Power Switch** located on the right side panel.

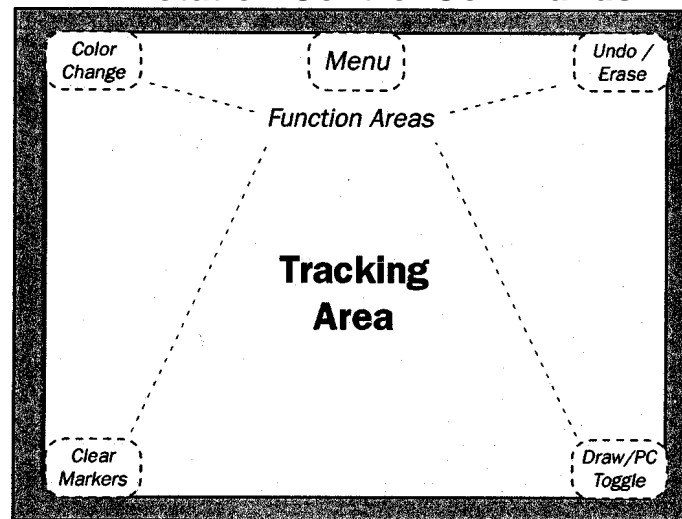
## Using the Annotation Feature

Any image that is being presented on through the Nomad Podium can be annotated (highlighted) over at either the podium's 15" monitor or the monitor at the witness stand. By simply dragging your finger over the image an annotation occurs. Different colors can be chosen by depressing the upper left corner of the screen (*Change Colors*). The last annotation can be "un-done" by depressing the upper right corner of the screen (*Undo/Erse*). All annotations can be cleared by depressing the lower left corner of the screen (*Clear Markers*). Annotations are displayed on all display devices.

Additionally, the resulting annotated screen can be printed using the color printer located under the Judge's bench. The Judge simply presses the **Print** button from the front of the Print Server box which is located on top of there computer to capture what is being shown on the screen for later review and filing. Press the **Print** button again to make additional copies of the annotated screen for the other parties of the case.



## Annotation Control Commands



| Command                       | Operation  |
|-------------------------------|--|
| <b>Draw</b>                   | Press and drag your finger over the screen with whatever color was selected.   |
| <b>Change Marker Color</b>    | Tap the upper left corner of the screen to select a different colored marker. ( <i>Can be used to differentiate between witnesses, the different parties, etc.</i> ) The colors cycle from: Pink, Green, Yellow, Red, Dark Blue, Light Blue, Black, and then back to Pink again. |
| <b>Undo/Erse marker</b>       | Tap upper right corner to " <b>undo</b> " the last marker's drawing.<br><br><b>NOTE:</b> If Erase Mode is activated in the menu system, this command activates the Erase Mode instead of undoing a marker.   |
| <b>Clear Markers</b>          | Tap the lower left corner of the screen to clear <b>ALL</b> annotations from the screen.   |
| <b>Access the System Menu</b> | Tap upper center zone. ( <b><i>This is for the JIS Technician, please do not use or attempt any changes.</i></b> )   |