

Introduction

Congratulations on your purchase of DOAR's Digital Evidence Presentation System™ (DEPS). You will find that the display of video and digital information has never been so compelling and easy to use.

With the DEPS Integrated Remote Control system you can instantly select the desired input sources and which monitors will display your evidence, in addition to controlling the integrated components. Annotating exhibits is easy using DOAR's Illustrator. Emphasizing evidence areas or having witnesses demonstrate situations right before the jurors' eyes is an invaluable asset. In conjunction, the Visual Image Printer allows you to create instant color photos from DOAR's Communicator, computer, or any video source. The Visual Image Printer will instantly preserve your evidence. You can even capture and annotate a particular frame from video and print it out as a new exhibit. These integrated features allows the user to maintain the jury's interest throughout the trial, thus the focus of the jury's attention is placed on the key facts contained in the documents, photos, graphics or depositions.

Evidence and courtroom presentation is maturing into a powerful new capability for judges, attorneys and court administrators. DOAR's Digital Evidence Presentation System represents a technological philosophy and implementation methodology that will grow with the judicial system. DEPS relies on the integration of video and digital display technology with options to combine real time reporting, video conferencing, and computer-based evidence system. DOAR's Communicator document camera and presentation enhancement equipment completes this coherent presentation facility. DEPS is housed in a handsome, portable cabinet that is controlled by a state-of-the-art (and easy to use) remote control system. Installing DEPS takes minutes. The system comes with training, on-call support and complete service. This total solution is being used throughout U.S. Attorney Offices, Federal and State Courts.

The Core

At the center of a versatile trial presentation system is DOAR's Communicator document camera. This unit has been specifically developed for the trial attorney. Complete with zoom, optional built-in preview monitor, and integrated computer graphics display. Special adapter lenses are also available for very close inspection of small objects. Combined with our **24-hour/7 days a week** on-call trial support, this system is the preferred choice over "box-generic" solutions. Once you have had the pleasure of using the Communicator, you will find it to be an invaluable resource for evidence presentation.

The Integration

The components of DEPS have been carefully selected for future growth, high resolution monitor support and systems integration. Some of these advances include:

1. Custom portable cabinet with external connections to all computers, Communicator and display devices. An alternative option is the Winged Cabinet (with elegant wood finish) including extended side panels for evidence organization and optional rotating podium capabilities.
2. Integrated switcher, which controls all inputs into the system, both video and computer.
3. Illustrator for on screen annotation of any input.
4. Courtroom Director for display distribution to individual monitors or courtroom projector (Optional).
5. Visual Image Printer to produce hard copy color prints for evidence preservation.
6. Custom control system to manage inputs, outputs, VCR and audio. System may also be configured to control courtroom lighting and other requirements (contact DOAR for additional information).
7. On call support and service.
8. Upgrade path for video conferencing, or real time court reporting.
9. Universal interface panel to support multiple computer and video inputs, outputs, tablets, light pen and many other options.

The Service

DOAR prides itself on providing “full solution” trial presentation technologies. **We work closely with attorneys, prosecutors and the courts.** We service and support all systems, provide training videos, and on-site, in-depth training programs. We exclusively install the systems and stand behind everything we provide. We are the only providers of this unique, personal and supportive service. DOAR becomes an extension of your organization, ready to help you ***“elevate the art and science of persuasion”TM***.

DOAR is also available to consult on trials, generate demonstrative evidence graphics, create imaging solutions for digital trials, and support clients with our litigation associates at trial. This is especially useful in complex litigation. Please do not hesitate to call DOAR at (800) 875-8705 for information on any of these products and services.

DEPS Component Overview

Each DEPS component offers a specific feature and has been custom configured by DOAR to provide the most effective courtroom presentations. The following chapters describe in greater detail how each individual component operates and how to connect DEPS with the outside world.

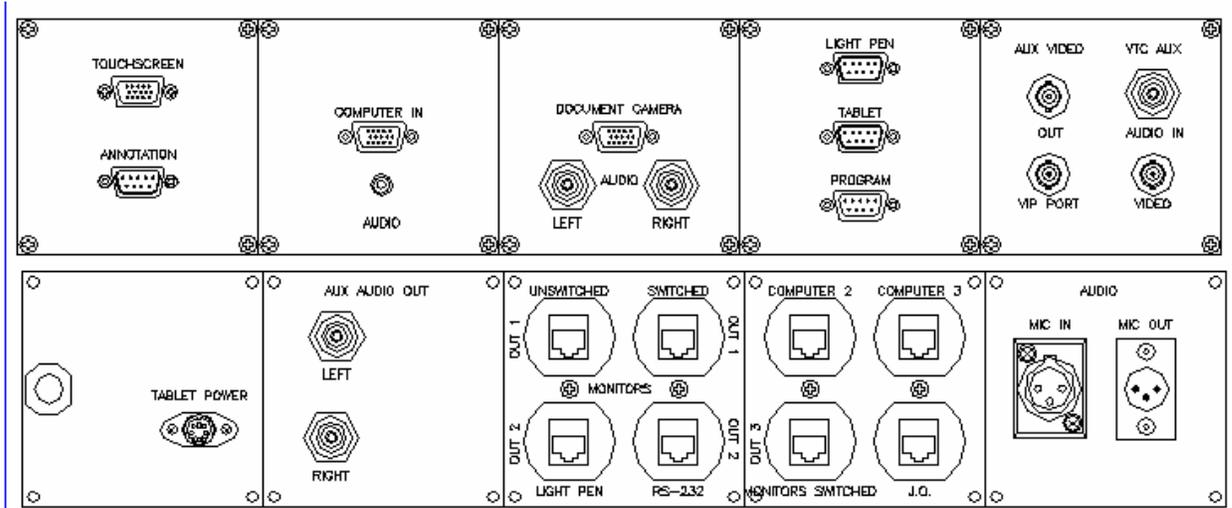
DEPS Cabinet

The DEPS cabinet was specifically designed to house multiple presentation technologies in a single, compact and elegant unit. This design gives the user easy access and mobility.

DOAR's DEPS cabinet offers elegant style and technical efficiency. Composed of high-grade steel (or optional reinforced wood design as seen here), the cabinet has been custom built by the finest engineers and craftsmen to insure both sturdy construction and minimal intrusion in the courtroom setting. The top of the cabinet can be used to support the Communicator (or as an optional podium). If the Communicator is placed elsewhere in the courtroom, then the cabinet can be positioned in an unobtrusive area, or in an infrastructure closet. Please call DOAR regarding possible courtroom design arrangements, especially if one is contemplating using DEPS in a new or redesigned courtroom facility.



The Interface Panel



The back interface panel is the gateway to the DEPS. Shown here to illustrate the detail that DOAR has undertaken to make connections in the courtroom. Each system panel is unique, as the DEPS has been specifically built for your installation, and therefore requires specific connection configurations. Dependant of the options you have chosen, the actual panel layout will differ. However, each connection will be clearly labeled to make installation quick and easy.

Example of Custom DEPS Panel Layout



The interface panel layout may vary dependant on the DEPS chosen. All functions operate as described below independent of selected options.

DOAR's Communicator

DOAR's Communicator has the capability to project photos, documents, books, 3-D objects, x-rays (positive & negative) fingerprints, DNA autorads, transparencies, etc. The Communicator boasts many advanced features including negative/positive switching and additional input sources for video. The zoom function allows you to quickly magnify the most critical areas of an exhibit for display. The Communicator is the most practical presentation system for pre-trial discovery, depositions, settlement conferences, ADR and trials. DOAR's Communicator has been designed with a number of key functions to make it more effective for courtrooms and attorneys. The Communicator can include an optional 3" color monitor (15" monitor is also available) for previewing exhibits, and is connected to DEPS via a single cable.

VCR Tape System

DOAR offers a state of the art 4-head VCR system with accurate freeze frame control. An interface to our Remote Control System is used for simple deck control, such as forward, reverse, pause, etc. The VCR has its own input into DEPS so images may be displayed and printed.

DOAR's Cassette Deck (optional equipment)

The optional audio cassette player in the DEPS unit allows the playback of audio-cassette tapes. The remote control system allows for easy operation using standard buttons (forward, reverse, pause, etc.)

DOAR's Integrated Switcher

The Integrated Switcher is designed to convert DOAR's Communicator input, and regular video (such as a VCR or broadcast television), into a higher quality output. The concept of DOAR's switcher is to increase the quality of video output to that which is more comparable to VGA computer quality, without the

noticeable scan lines. This device cleans-up low quality videotape playback so that the image is insured to be stable and sharp in the highest resolution possible.

Also this device acts as a multi-input switcher. It accepts inputs from the Communicator, VCR, computers, and Aux Inputs. As the inputs are accepted, all resolutions are adjusted and maximum quality output is attained. This device also switches and rebalances audio (to provide a single audio output feed to your sound system).

DOAR's Illustrator

The illustrator is used to draw, annotate and place emphasis on evidence displays in vivid color. A tablet is used to make these markings with a "screen area" on the tablet corresponding to an area on the display. The standard Illustrator supports two annotation devices: One for the attorney and the other for the witness. The DEPS unit can be customized in various configurations including one, or combinations of the following:

- Tablet.
- Light Pen.
- Touch Screen Annotation.

DOAR's Visual Image Printer

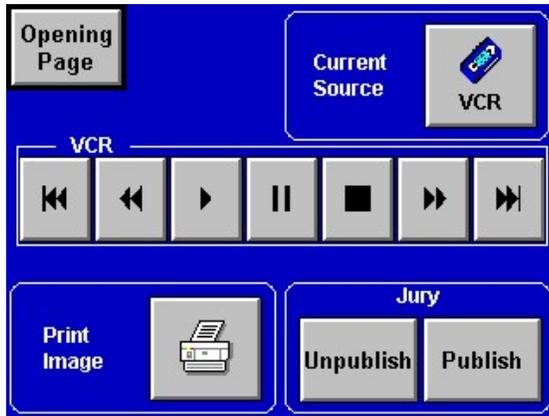
The Visual Image Printer allows you to create 3" x 5" instant color photos from DOAR's Communicator, VCR or computer source. This is very useful for evidence preservation or handouts to the jury.

DOAR's Courtroom Director (Optional equipment)

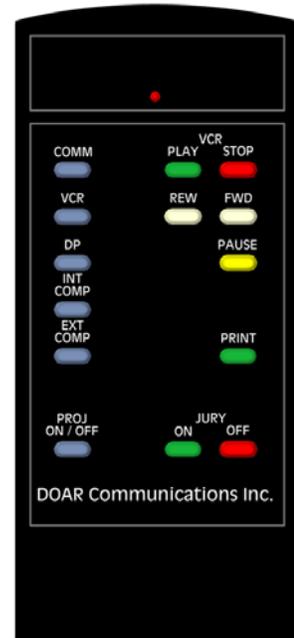
The Courtroom Director is an optional multi-output monitor control system. DOAR's Control Director allows the judge or the clerk to control what is viewed on each and every monitor in the court room. For instance, during a side bar, the clerk can limit the video publication of evidence to the judge's monitor only. The remote control can be customized to allow different configurations of monitor outputs. The Court room Director also permits long runs of cable between DEPS and monitors in the court room.

DOAR's Judge Override (Optional equipment)

The Judge Override switch gives the ability to have one person, the Judge, stop the video from being displayed at all monitors except "unswitched" outputs. This gives the Judge control to stop evidence from being presented while someone else selects the evidence being shown.



EXAMPLE OF TOUCH-PANEL REMOTE



PUSH-BUTTON REMOTE

DOAR's Control System

The Control System provides the interface between the wireless remote control and the operation of a number of key DEPS features. The Control System operates input selection, output selection, VCR control, and printer control. Multiple Remotes may be used (DOAR is able to customize remotes for specific use, such as lighting control). Call DOAR for more details on customizing the Control System. The following are examples of our standard pushbutton remote and LCD touch-panel remote controls. Dependant on your system options, the controls may vary slightly.

Connecting the DEPS



IMPORTANT – PLEASE READ



It is important that you completely **POWER DOWN DEPS** before connecting anything to the back panel. You must then re-power everything back up again to regain all the settings. If a change is made to the back panel, especially items such as the Illustrator pad, you must **COMPLETELY RE-POWER DEPS** with the master switch to recognize all the changes.

Typical Set-up

The diagram on the following page illustrates a standard portable courtroom DEPS setup. In this design, the DEPS is considered the courtroom podium with the Communicator adjacent to the cabinet. Each counsel table has an attorney computer and monitor connected to DEPS as well as a display monitor from the DEPS system. In addition, monitors exist for the jury, judge and witness. The VCR and Printer are contained within DEPS and are controlled by the Remote Control.

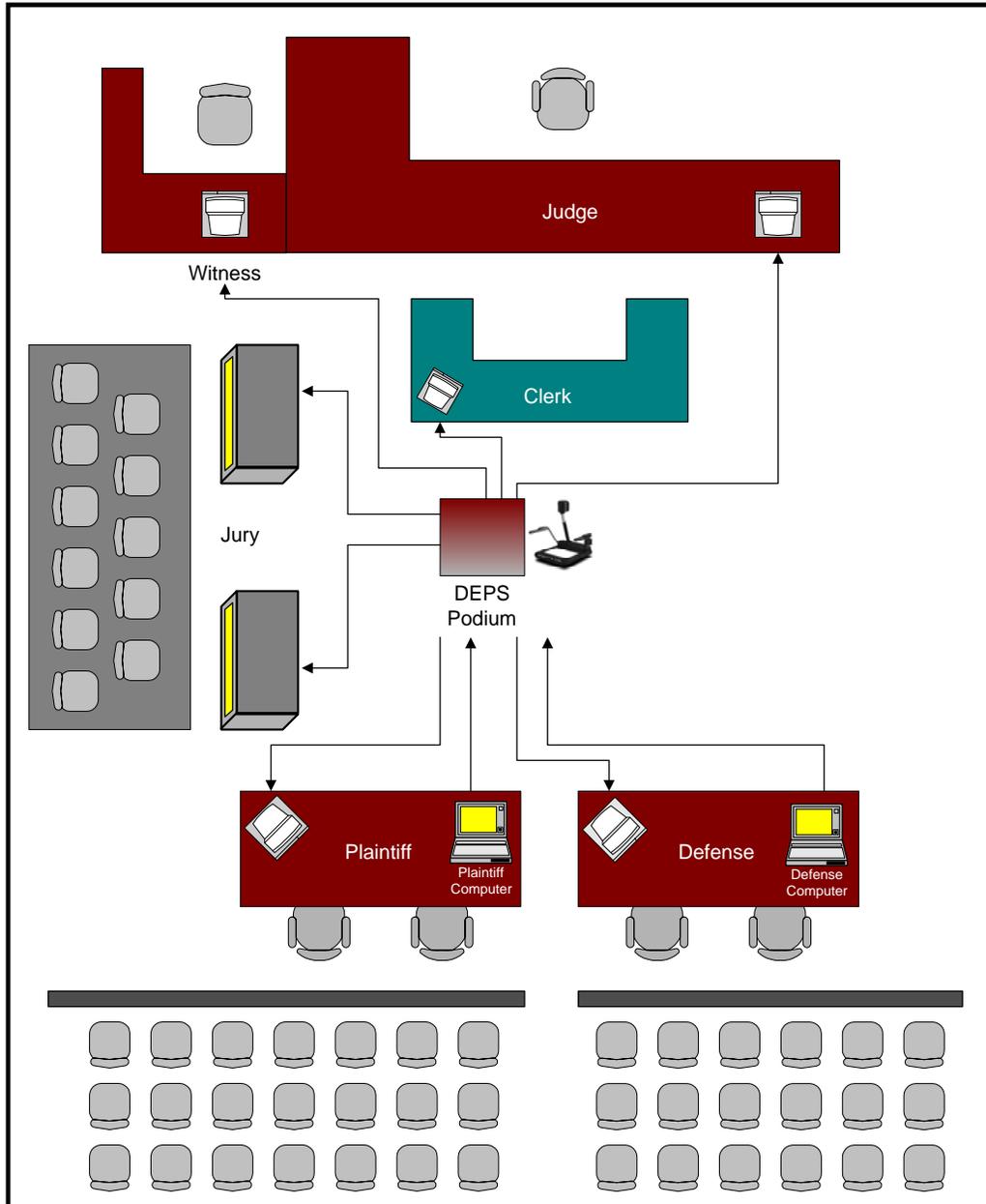
A typical alternative to this approach is it to utilize a digital projector in the courtroom. This is very common in fixed installations, and lends itself to portable systems.



This is only a possible approach to designing the courtroom layout and DEPS integration. Additional options greatly increase the possible functionality. Please contact DOAR to discuss additional functionality choices, and layout scenarios.



It is important to understand the difference between the DEPS monitors and a computer and monitor used by counsel. All evidence is displayed throughout the courtroom on DEPS monitors as depicted on the following page. In addition, an attorney may connect a computer to DEPS and this computer may have its own monitor. This monitor will only show what is on the computer and may not necessarily show what is now being presented with DEPS. If an external monitor is used by the attorney (as opposed to just using a laptop), DOAR can provide a 'pass through' connection to attach the external monitors and provide a feed to DEPS. In addition, dependent on the cable length, you may require a signal amplifier device to connect the computer to the DEPS. Please call DOAR at (800)875-8705 to discuss the various options for connecting an external computer



- Typical Portable Set-up-

DOAR's Communicator

Accessories

1. DOAR's Communicator
2. Power Supply Cable
3. Video Cable
4. 3" monitor, power supply and video cable. (optional)

Power Connection

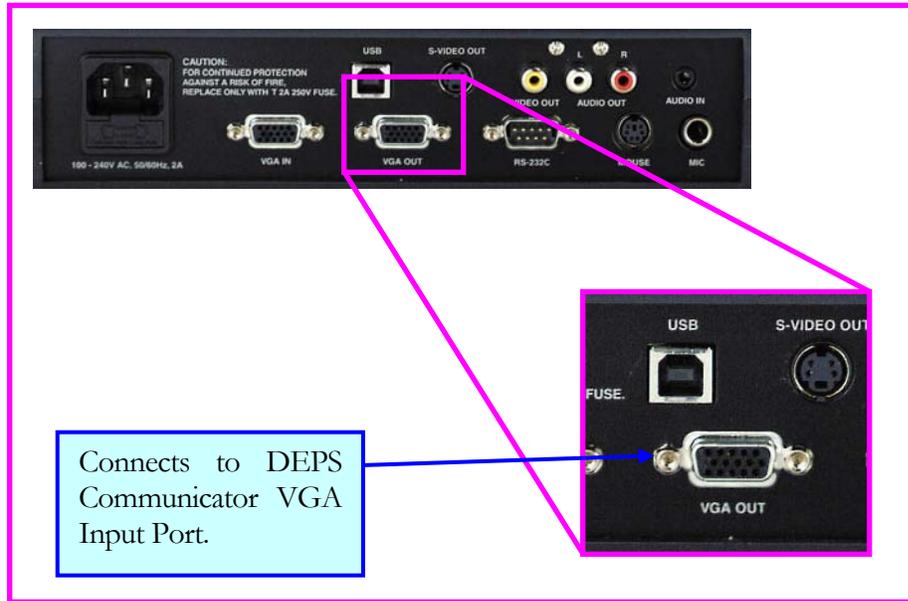
Connect the supplied power cable to the AC IN connector. The other end of the cable is connected to the power outlet.



- **Be sure to turn the power off before making connections (in order to protect the Communicator and the DEPS).**
- **Hold the cable plug firmly when disconnecting the video cable.**

Audio and video Connection

Connect one end of the VGA output cable to the VGA output terminal of the Communicator and the other end to the Communicator VGA Input of the DEPS.



3" Podium TV Monitor (optional equipment)

The 3" TV attaches to the bracket on the back of the Communicator. The yellow video cable connects to the video out (a BNC to RCA connector may be necessary) on the back of the Communicator and the video in plug on the monitor. Use the brightness knob to adjust for contrast. Contrast is affected by viewing angle, so you may need to adjust the brightness knob once the Communicator is set up for courtroom use.

Plaintiff or Defense Laptop Connection (optional equipment)

Use a VGA cable to connect the Laptop to the DEPS unit. Locate VGA OUT on the back of the laptop. Connect one side of the VGA cable to VGA OUT on the laptop. Connect the other side of the VGA cable to the VGA video input on the back of the DEPS unit. If Audio is to be used, connect Audio mini plug from the back of the laptop to COMPUTER IN AUDIO on the back of the DEPS unit.

Auxiliary Audio Connection (optional equipment)

An optional speaker can be connected to the DEPS unit using an RCA connecting cable. Connect the RCA cable from HOUSE AUDIO OUT on the back of the DEPS unit to the RCA input on the speaker.

15" LCD Touch screen Monitor Connection (optional equipment)

Use one VGA cable to connect the LCD monitor to the DEPS unit. Locate VGA IN on the back of LCD monitor. Connect one side of the VGA cable to VGA IN on the Monitor. Connect the other side of the VGA cable to UNSWITCHED MONITOR on the back of the DEPS unit. Use one 9 PIN connector cable to connect the 9 PIN OUT (Monitor) to TOUCHSCREEN on the back of the DEPS unit for touch screen annotation capabilities.

DOAR's Illustrator

Because the Illustrator can accept multiple configurations between the tablet pad, light pen, and annotation touch screen, the connections to the DEPS vary. The connections are clearly labeled on the back-panel of the system.

DOAR's Visual Image Printer

The DOAR Visual Image Printer (VIP) has been designed to provide quick, high quality prints of your evidence. All connections are factory installed internally. Therefore, by simply pressing "PRINT" on the Remote Control, a vivid photo of the currently displayed item will be produced.

The VIP generates these photos by using special ink and paper. Your system may come pre-installed with a small amount of supplies used during testing of the DEPS. For information on installing additional supplies, please refer to page 28 of this manual for details.

To obtain additional supplies, call DOAR at (800) 875-8705.

DOAR'S Judge Override (optional equipment)

Plug the Judge Override (JO) switch to the labeled connection on the back of the DEPS. At set-up be sure the switch is in the "I" position.

Safety Instructions

Carefully review the following guidelines to protect yourself from possible injury or from damaging the Digital Evidence Presentation System (DEPS).

- 1.) Always unplug the system from all power supplies when connecting any cables.
- 2.) Always make sure the power is turned off on every component before plugging the DEPS into a power outlet.
- 3.) Never open the casings of any component.
- 4.) Never remove the back steel shielding of the DEPS.



DEPS produces high voltage energy, which can cause bodily injury. Only certified DOAR service personnel are authorized to maintain this unit or remove component covers.



Opening the back of the DEPS electronic cabinet, which has been sealed for the client's and DOAR's protection, is considered a violation of DOAR's warranty of service and support and a violation of the Customer License Agreement. In addition, DOAR has invested significant capital and personnel resources in the design of DEPS, its components, connectivity and integration and thus represents significant and valuable intellectual property. Any copying, imitating, or designing based upon DOAR's proprietary implementation of DEPS is a violation of intellectual property rights. The seals and plate covers to this unit represent our protection of those rights and can only be opened by qualified and authorized DOAR personnel. If you have any questions, please call DOAR at 800/875-8705. Thank you.

Operating the System

Powering ON the System

Please follow these instructions in order to power the system.

- 1) Press the power button on the podium monitor and any other monitor(s) connected to the DEPS unit. The Power buttons are typically located on the front of the respective monitor.
- 2) Power On the DEPS with the Master switch located on the back of the DEPS unit.
- 3) Power On the Communicator with its Power button.
- 4) Power On the VCR with its power button.
- 5) Power ON the optional Cassette Deck.
- 6) Be sure the Judge Override switch is in the "I" position in order to view the selected source.

Control System

The Remote Control has been designed for anyone to easily control the functions of the DEPS. After the DEPS System has been powered ON, use the remote to control functionality.

Press a source button to view the desired source such as communicator, VCR, Computer input, etc. The source buttons on the remote are specific to each DEPS and are clearly labeled. Additional buttons on the remote will control the device as listed.

VCR Play, Stop, Pause, Rev, FF to control VCR after the tape has been loaded into the VCR. Press the PRINT button in order to print a hard copy of the image that is being displayed. The printout is automatic and will occur at the time the PRINT button is pressed.

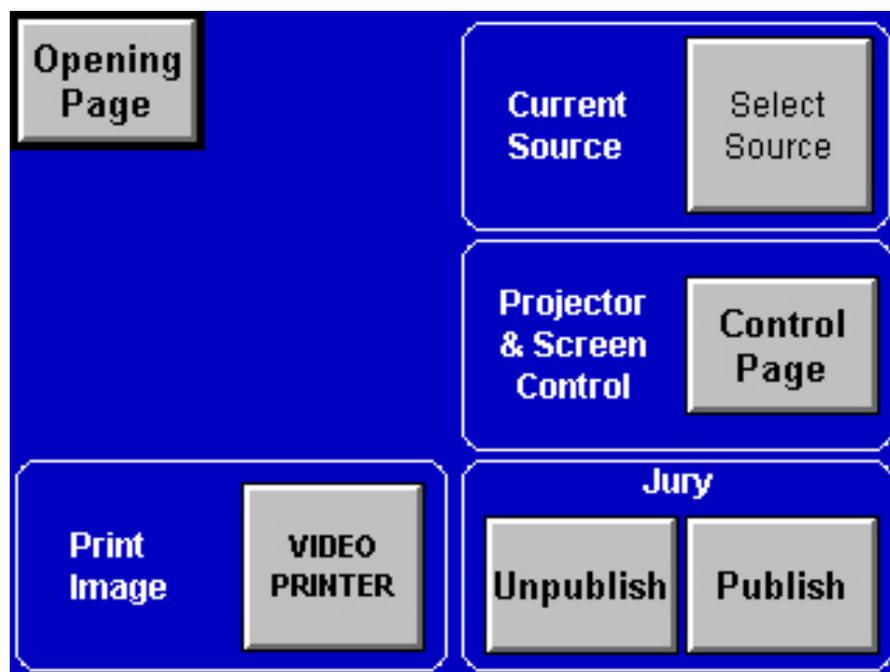
Control Details

Initially, the Opening Page will be shown (see fig. below). Press anywhere on the screen to open the Main Page.



Main page

This page will be available after the Opening Page has been touched anywhere. This page



* Press the OPENING PAGE button in order to return to the opening page location.

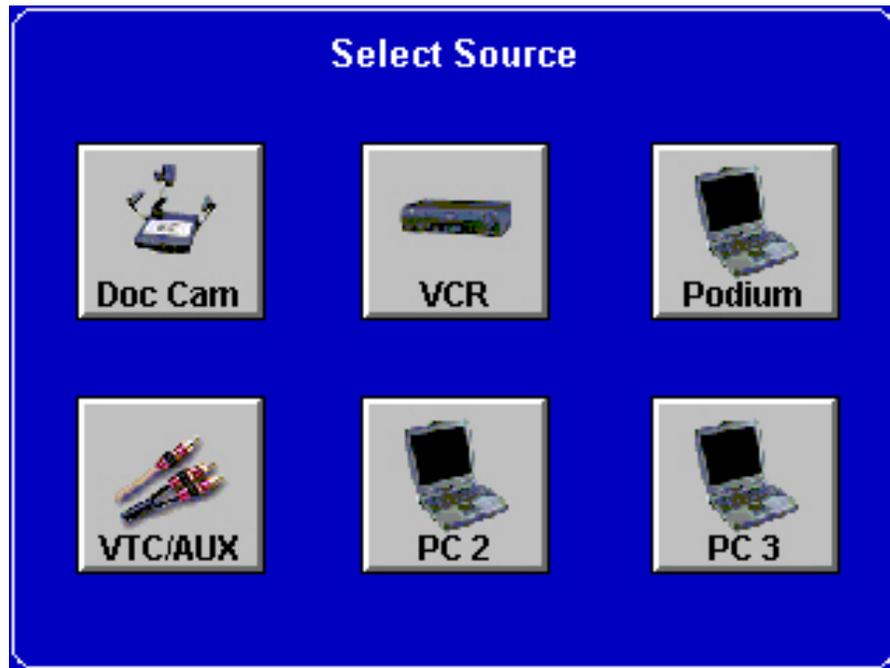
* Press the SELECT SOURCE button in order to open the monitor source select page. Please read the following page for more details.

* Press the CONTROL PAGE button in order to control and operate the projector and its screen.

* Press the VIDEO PRINTER button in order to create a hard copy of the image being displayed at the monitor.

* Press the PUBLISH/UNPUBLISH button in order to show or hide the image being displayed at the court monitors.

Source Selection

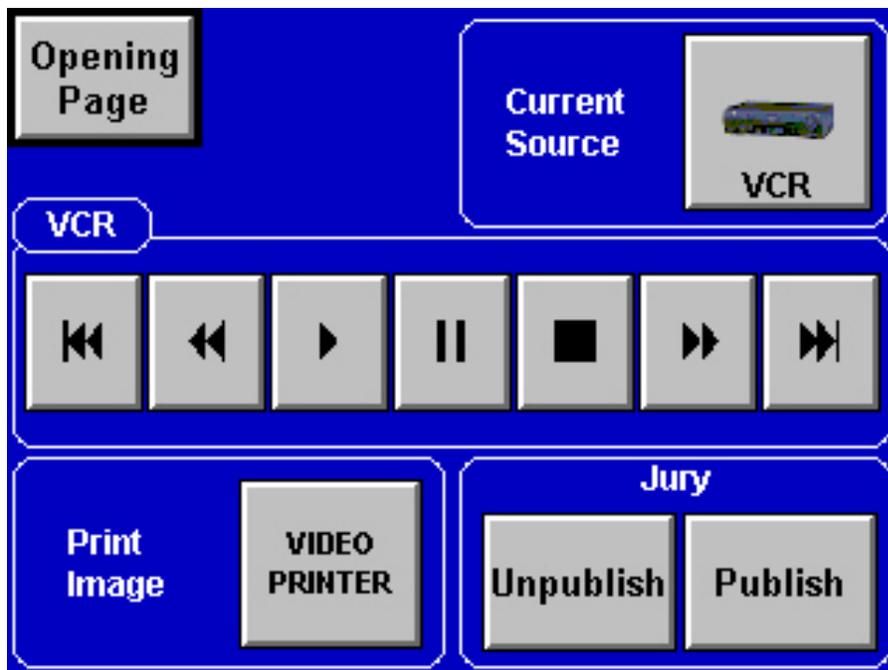


This screen will be the first page shown. From here, the source to be displayed to the monitors is selected.

Document Camera	The document camera will be selected as the active video source.
VCR	The VCR input will be selected as the source.
Podium PC	The Podium PC input will be selected as the source.
Auxiliary	The respective Aux input will be selected as the source.
PC 2	The PC 2 input will be selected as the source.
PC 3	The PC 3 input will be selected as the source.

VCR Controls page

This page will be available after the VCR has been selected as the current source. Use the controls in this page to control the VCR.



* Press the OPENING PAGE button in order to return to the opening page location.

* Press the SELECT SOURCE button in order to open the monitor source select page. Please read the following page for more details.

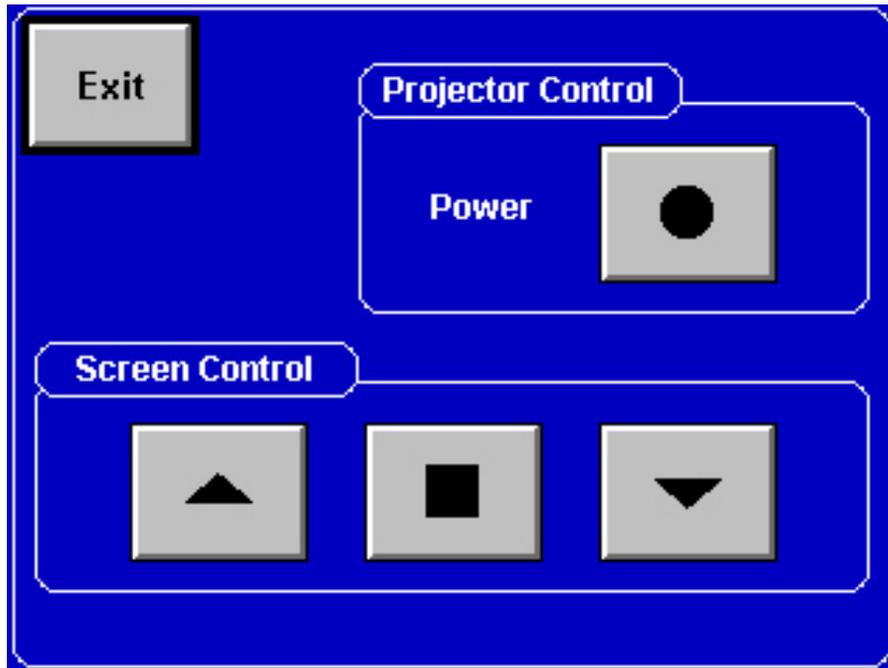
* Press the CONTROL PAGE button in order to control and operate the projector and its screen.

* Press the VIDEO PRINTER button in order to create a hard copy of the image being displayed at the monitor.

- Press the PUBLISH/UNPUBLISH button in order to show or hide the image being displayed at the court monitors.

Projector and Screen Controls page

This page will be available after the CONTROL PAGE button has been selected at the Main Page location. Use the buttons in this page to control the Projector and the Screen.



- * Press the EXIT button in order to return to the Main page location.
- * Press the POWER button in order to turn ON or OFF the Projector.
- * Press the UP arrow in order to raise the projector's screen.
- * Press the DOWN arrow in order to lower the projector's screen.
- * Press the SQUARE icon in order to stop the projector's screen.

DOAR's Communicator



DOAR's Communicator is an easy-to-operate and portable evidence presentation system. This unit is equipped with a high-resolution CCD camera and features an 8-10X magnification zoom lens and a high accuracy auto focusing system. The Communicator presents all types of materials to view or record through monitors, e.g. 3-D objects, paper documents, transparencies, x-rays, etc.

Using the Communicator

- 1) If not already powered ON, turn 'ON' the power switch of your Communicator.
 - Connection to the monitor should be previously executed.
 - The initial settings are displayed by their respective indicators.
- 2) Select communicator by pressing the COMMUNICATOR button on the remote control.

- 3) Place the object on the white stage. While you observe the image adjust the zoom to obtain the optimum size.
- 4) Fine-tune the image using the manual focus.
 - Pay attention to depth of field with 3-Dimensional objects. You may need to focus again, or even to rotate the camera head and remove the close-up lens to focus from a distance (this is only for a very large object.)

Simple Steps for Viewing Transparencies or Slide Film

- 1) When you press the lamp button (BASE), the lighting switches from the “UPPER” lamps to the built-in base-light lamp.
- 2) For 35mm negatives, press and hold the column lock button (located in the middle of the camera arm), then set the camera head to its lowest position.
- 3) Press the nega/posi conversion button. The indicator will show (N) (negative) mode. You may want to adjust the Iris to over expose for a better color reproduction.
- 4) When turning off the base light, press the lighting button (UPPER) again.

For Use as a Conventional Video Camera

- 1) The close-up lens should be removed when you are shooting the object at a distance.
- 2) The camera head can be rotated to the horizontal position. This allows you to present images from far away.

Communicator Functions

Lighting

These buttons are used to turn on/off the lights. There are two lighting units. They are as follows:

Upper: The upper lighting unit is used for viewing materials such as printed matter and 3-D objects.

Base: The Base light unit is used for viewing slides, transparencies, X-rays etc.



When the lighting button is pressed, the indicator flashes, and after a few seconds, the upper fluorescent lamps turn on. To turn the lamps off, press the lighting button again. Select the (UPPER) or (BASE) mode. (It is not possible to use both the upper lighting unit and the base light). It is advisable to use the upper lighting unit to obtain a clear image with better color rendering especially when the stage is not sufficiently lighted.

Input Selection

Input selection lets you select the input you would like to show on the monitors or to change input line. There are three input selector options. They are as follows:

Internal: Displays whatever is in the view of the Communicator.

AV1 & AV2: Inputs from two separate AV sources are available to be projected on the monitors by pressing one of the input selection buttons.

Nega/Posi Conversion

This function is used to view negative film as a positive image. Press the Posi/Nega conversion button, and the indicator shows (N) (negative). If you press the button again, it changes to normal (P) (positive) mode. This is a very useful function for 35mm slides, x-rays, MRIs and auto-rads.

Color/B&W Selection

This button is used for viewing black and white material, such as documents. This function allows you to select color or black and white images on the monitors.



It is advisable to use this mode for viewing the B&W button so that materials such as documents have a clear image with no color blur. For normal use, set to (C) (Color) mode.

Zoom

Zoom function lets you adjust the image size and zoom into a specific section. When (TELE) is pressed, the image gets larger (zoom in). When (WIDE) is pressed, the image gets smaller (zoom out).

Focus



It is difficult to focus on objects under the following conditions. You need to manually focus in order to clearly view objects in these conditions.

- Objects bearing little contrast.
- Objects with a fine repeated pattern such as lateral stripes, or a checkered pattern.
- Bright objects or ones reflecting strong light.
- The background of the object is bright.

- Picture itself is dark.
- Moving objects.

Manual Focus:

. Press the focus button (N) or (F) for manual focusing. This function is used to view 3-D objects of which any part can be focused.



BACK PANEL OF THE DOCUMENT CAMERA

DELL Computer



The DELL Computer is an easy-to-operate desk-top evidence presentation device. This unit is equipped with a high-resolution LCD screen used to switch between evidence and the computer.

Using the Computer

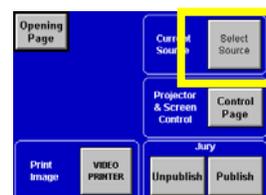
- 1) If not already powered ON, turn 'ON' the power switch of your Computer , located at the tower (inside the lectern).
 - Connection to the computer should be previously executed.
 - Run the Video Capture, CD/DVD, or Power Point program to be presented.

- 2) At the lectern location, select the Computer by pressing the PODIUM button on the Select Source page (see fig. on right).

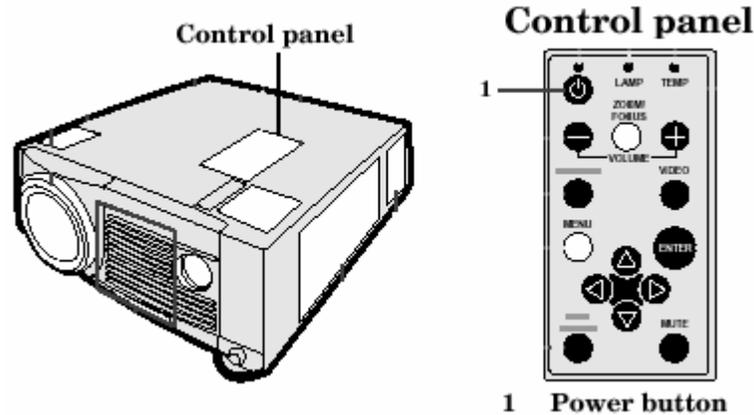


- 3) The previous action will select the Podium PC input as the current source (the Video Capture, CD/DVD or Power Point presentation will be displayed as the current video source).

- 4) To exit or to cancel, simply either exit the current program being run by the computer, or change the current source at the Main Page location (see fig. on right). Be sure to turn the PC OFF properly before the lectern is un-plugged.



LCD Projector

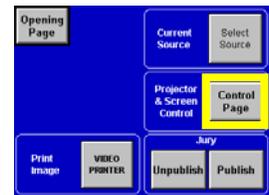


Mitsubishi's LCD Projector is an easy-to-operate portable evidence presentation device.

Using the LCD Projector

- 1) If not already powered ON, turn 'ON' the power switch of your Projector (see the figure above).
 - Connection to the projector should be previously executed.
 - The initial settings are already pre-set.

- 2) At the lectern location, select the projector by pressing the PROJECTOR AND SCREEN CONTROL PAGE button on the Main page menu (see fig. on right).

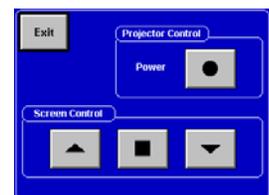


- 3) At the PROJECTOR AND SCREEN CONTROL PAGE you can perform the following commands:

Press the EXIT button in order to return to the Main page location.

Press the POWER button in order to turn ON or OFF the Projector.

Press the UP arrow in order to raise the projector's screen.



Press the DOWN arrow in order to lower the projector's screen.

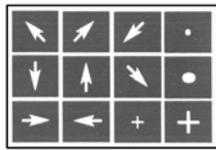
Press the SQUARE icon in order to stop the projector's screen.

DOAR's Illustrator

DOAR's Illustrator is used to draw, annotate or position pointers onto information that is represented on the monitor or screen. Each area of the tablet is described in the following sections.

Tablet

Input Sources: These icons or buttons are used to change video standards. DOAR sets this up at the time of system configuration, and it usually does not need to be changed.



Pointers: These icons will set the cursor to a 'pointer' type. When you click the desired pointer with the tablet pen the pointer will be 'set' on the screen. You can set the pointer as many times as you want. In order to turn off the pointer you should choose the pointer on/off icon.

To position an active pointer:

1. Position the pointer anywhere on the tablet to make your point. Lightly drag the *tip* across the screen until the active pointer is at the desired location.
2. Reposition the same active pointer anywhere on the video image to make your second point, and continue as often as desired.

To anchor a pointer:

1. Once a pointer type and pointer color is selected and the active pointer has been positioned, you can anchor the active pointer in its current position. To do this, click the button on the pen while positioning it on your tablet. The pointer will be anchored, and a new active pointer will appear on screen identical to the first.
2. If desired, you can position multiple pointers and anchor them.

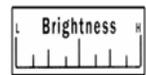
You can anchor as many pointers or drawing lines as desired. Also, each pointer may be changed to a different pointer type before anchoring, or the pointer may be changed to a different color before anchoring.

Switch: These two icons switch between the video or digital inputs and the Chalkboard. When Video icon is pressed the video input will show on screen. If Chalkboard is chosen, a blank screen will appear, allowing you to freely write on the screen. (You may preserve any markings with prints from the Visual Image Printer.)

Thickness: These icons are used to change the thickness of the lines created by the tablet pen. You may change the thickness while highlight by simply clicking on a different area in the bar.



Brightness: This icon controls the brightness of your annotations on the screen. The left of the bar is the darkest and the right is the brightest. Various degrees of brightness may be chosen between.



Pointer On/Off: This icon is used to turn the pointer on or off. If the pointer is turned on, you will see the pointer on the screen. If the pointer is not desired just click on the icon and it will disappear. To get the pointer back, click the Pointer On/Off icon again.



Clear: This icon clears the screen of all illustrations or text. The underlying video or chalkboard is not affected.

Undo: This icon deletes the last illustration or text from the screen.

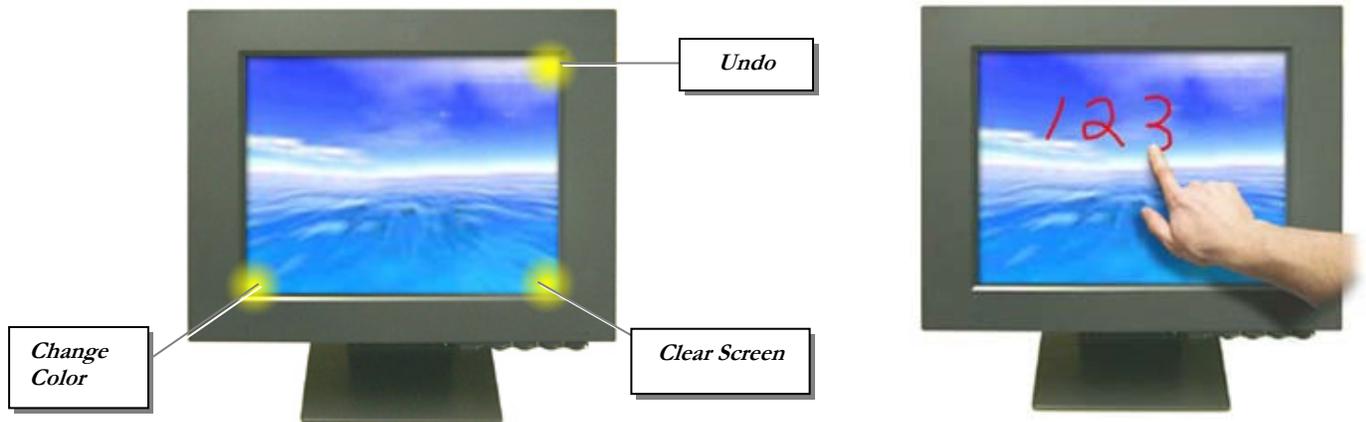
Control: The control icon allows multiple tablets to take or release control. When you want to 'take control' of the Illustrator from the other pads, you click on Control and start to illustrate. This feature is usually not implemented. To take control, one-person must stop using a tablet and the other begin to use one.



Color Pad: These seven colors may be used to set the color for freehand drawing. Clicking on the color pad will set the chosen color for pointers and freehand drawing. You may change the color while highlight by clicking on a different color on the Color Pad.

DOAR's Touch Screen

The touch screen can be used to make on-screen annotations. It allows a witness to easily make annotations with the touch of a finger.



Annotations can be made by pressing lightly and dragging with your finger similarly to using a pen. The touch screen's corners activate special functions as described below.

UNDO



Tapping the **top right corner** of the screen will delete the annotations one at a time, beginning with the most recent.

CLEAR SCREEN



Tapping the **lower right corner** of the touch screen will remove all annotations.

CHANGE COLOR



Tapping the **lower left corner** of the screen will cycle through the available colors that can be used for annotations. The colored swatch that appears on the screen will be the active color, and will change as the corner is tapped.

DOAR's Visual Image Printer

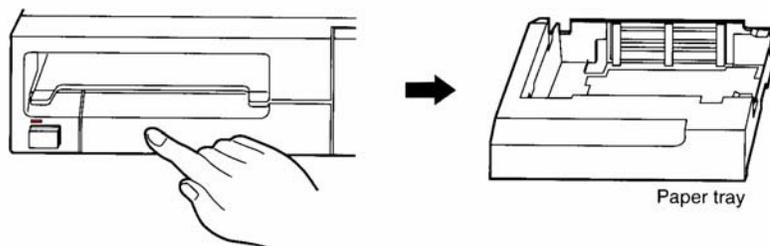
The DOAR Visual Image Printer (VIP) is an integrated component of the DEPS controlled through the Remote Control system. Under normal operation, you should utilize the quick “one-touch” operation on the remote to produce a hard copy of the currently displayed image

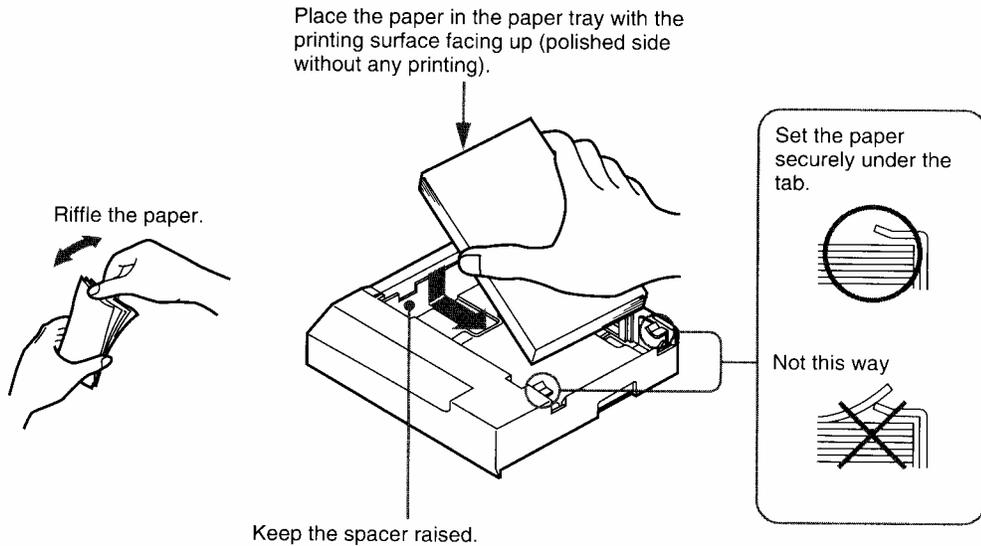
The DEPS VIP requires paper and ink supplies to operate. Instructions for changing paper and installing new ink cartridges are included with the supplies.

Changing the Printer Paper

The VIP contains cartridge loaded printer paper. It has been designed for simple replacement, and can be quickly changed during courtroom operation.

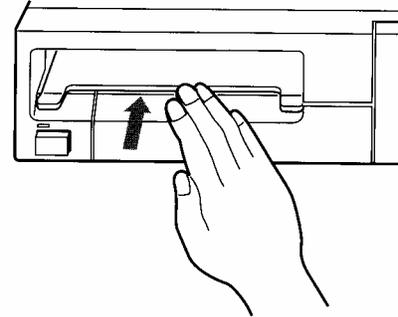
1. Push in the paper tray and then release to eject.





2. Place the new paper into the tray. Be sure to load the paper so it lays flat in the tray. If the paper is somewhat curled reduce the number of sheets inserted to ensure proper loading.

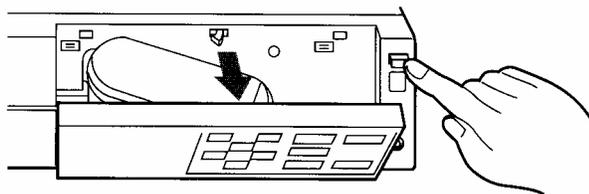
3. Slide the paper tray back into the printer and slowly push in, until it clicks in place.



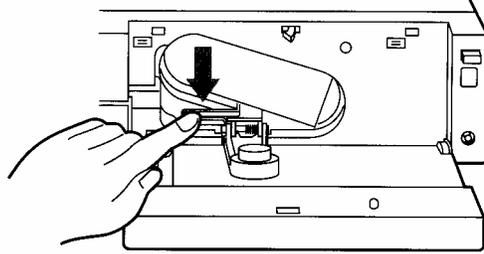
Changing the Ribbon Cassette

The VIP contains a cartridge loaded ribbon cassette, which has also been designed for simple replacement, and can be quickly changed during courtroom operation.

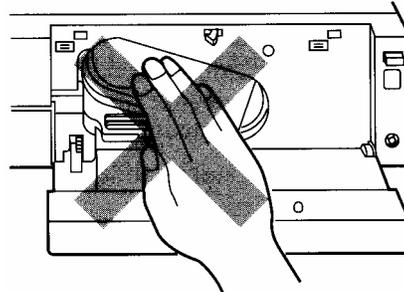
1. To open the front panel control door, thus revealing the ribbon cassette, simply press the top right hand button on the VIP.



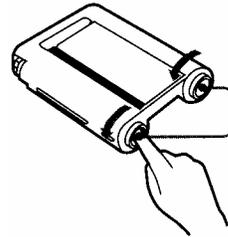
2. Remove the ink ribbon cassette by pulling down the eject lever.



Never put your hand into the ink ribbon cassette dock. The thermal head becomes very hot, and can burn if touched.

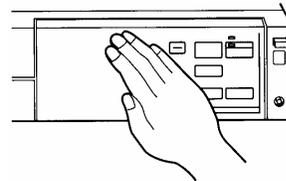
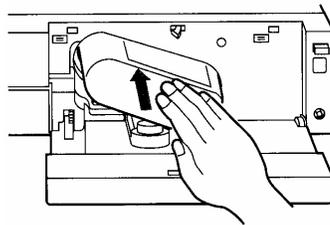


3. Take up any slack in the ink ribbon. This is critical, as any ribbon left slacked, may crumple and damage the VIP.



4. Insert the ink ribbon cassette firmly until it stops.

5. Close the front panel.



Be sure to only use genuine DOAR replacement paper and ribbons. Failure to do so may void user's warranty. Please call DOAR at (800) 875-8705 for supplies.

Service & Support

DOAR is available to assist in operating DEPS. Our on-call consultants will work with you to explain how to operate the system. Feel free to call us at (800) 875-8705 with any questions or ideas on how to improve the system. Thank you for purchasing the DOAR Digital Evidence Presentation System.

Trouble shooting

If any minor problems are encountered with the system, these pages may help. If more serious problems arise, please contact DOAR Communications.

The troubleshooting guide is set in this format:

- Problem Encountered
 - Possible solution
 - Possible solution
-

- **No Video Seen on any Monitor**

- Verify that DEPS is powered ON
- Select Source from remote control
- Try selecting another source from the remote control
- Verify that the Judge Override switch is connected and in the “I” position.

- **Video Images only Seen on “Unswitched” Outputs**

- Verify that the Judge Override switch is connected and in the “I” position
- Press PUBLISH on the remote control

- **Remote Control is not Working**

- Verify that the battery is charged
 - Verify that the DEPS is powered ON
-

- **Annotation does not function**

- Power OFF the DEPS unit, reconnect cable , power ON the DEPS

- (Be sure the Monitor is powered ON before DEPS)

- Verify that the cables are plugged into the correct port(s) on the DEPS

- **Printing does not Function**

- Verify that paper is loaded in the machine

- Verify that there is ink in the cartridge

- Verify that you see an image on the monitor when you press PRINT from the remote control.

COURTROOM PRESENTATION, ANNOTATION & PRESERVATION

HIGH RESOLUTION DIGITAL IMAGE CONTROL AND DISTRIBUTION

Digital Evidence Presentation System™

User's Guide



DOAR

SUPERIOR COURT OF CALIFORNIA
COUNTY OF ALAMEDA
HAYWARD HALL OF JUSTICE

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About the User's Manual

This manual provides the owner and operator of the Digital Evidence Presentation System with the basic information needed to operate the DEPS in court, arbitration, settlement conference, etc. DOAR has made every effort to compile a comprehensive guide for the user. This manual covers the overall functionality, operation and control of the DEPS. If you should encounter situations beyond the scope of this manual, please call DOAR's **24-hour /7 days a week** service and support line at (800) 875-8705.

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