

# Introduction to DL-Navigator



*Wisconsin Badgernet  
Converged Network  
Room Control System*



# Contents

*View entire presentation, or click on links below for specific sections:*

- ▶ [Main Screen Zones](#)
- ▶ [How to Conduct a Scheduled Session](#)
- ▶ [How to Conduct a Stand-Alone Session](#)
- ▶ [How to Access the Renovo Scheduler](#)
- ▶ [Equipment List](#)
- ▶ [System Defaults](#)
- ▶ [Video Source Switching](#)
- ▶ [Continuous View Session](#)
- ▶ [Detailed Device Control](#)
- ▶ [Power Down Room](#)
- ▶ [Contact Us](#)

# Main Screen Zones

Help and Exit Section

Options

Help System

Version Info

Video Preview Window



Site Selection

Ashland HS

Bayfield HS

Gilman HS

Washburn HS

Relay

Pause Scan

Local Program Sources

Instructor

Student

Doc Cam

VCR DVD

PC

Program Sources

Time is 09:50:35 AM

Local Device Control

Instructor

Student

Doc Cam

Audio Settings

VCR DVD

PIP

Device Control

Network Scheduler

Matrix

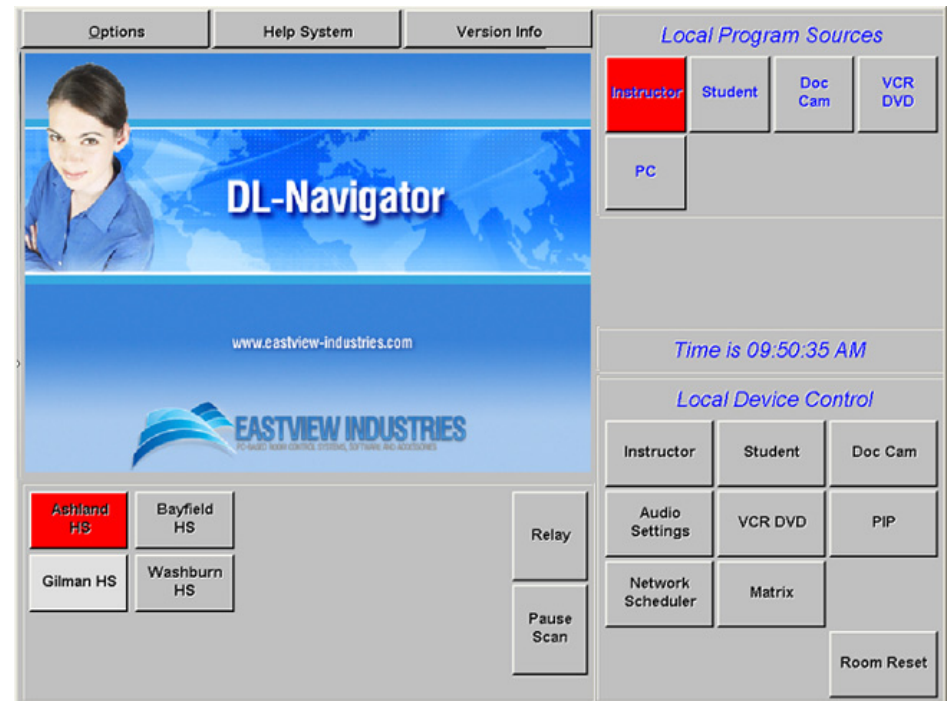
Room Reset

# How to Conduct a Scheduled Session

To operate DL-Navigator for a scheduled session:

*(Upon entering the room, the system is live and ready)*

- ▶ Instructor Camera will be the active Program Transmit Source
- ▶ Site Buttons for remote sites will be visible
- ▶ Your local site button will be colored red



# How to Conduct a Stand-Alone Session

To operate DL-Navigator for local room control:  
*(To use the system for a multimedia presentation/ local room operations, you will need to Power on the Room)*

- ▶ Click the “Options” Menu
- ▶ Click “Power On Room” from “Options” Menu drop-down *(The room will power on and is then ready for use)*

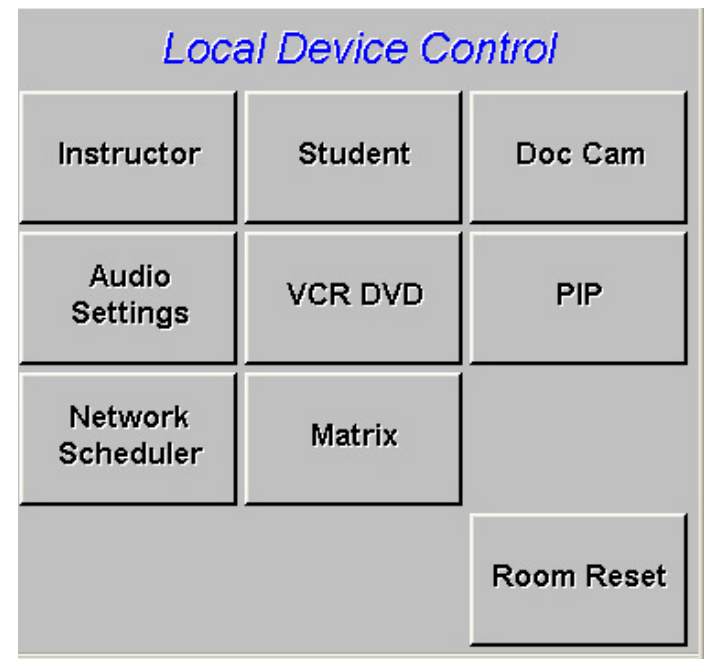


# How to Access the Renovo Scheduler

To access the Renovo Network Scheduler:

*(You must have a username/password from your network director to log on and schedule a session)*

- ▶ Click the “Network Scheduler” Device button from the Local Device Control section (lower right corner of the DL-Navigator Screen)
- ▶ The Renovo Network Scheduler Web page will then be displayed



# Equipment List

This training presentation is based on the following equipment in the room system:

*(Equipment will vary in each room. This list is the equipment included in this training scenario.)*

- ▶ Sony EVI-D100 Pan/Tilt/Zoom Camera (x2)
- ▶ Canon RE-450X Document Camera
- ▶ ClearOne AP800 Echo Canceller/ Mixer
- ▶ ClearOne AP10 Telephone Interface
- ▶ Picture-in-Picture and Text-Over-Video inserter
- ▶ Knox 8x8 Video Matrix Switch
- ▶ Sony SLV-D300P VCR/DVD Combo Player
- ▶ Sony 32" Monitors

# System Defaults

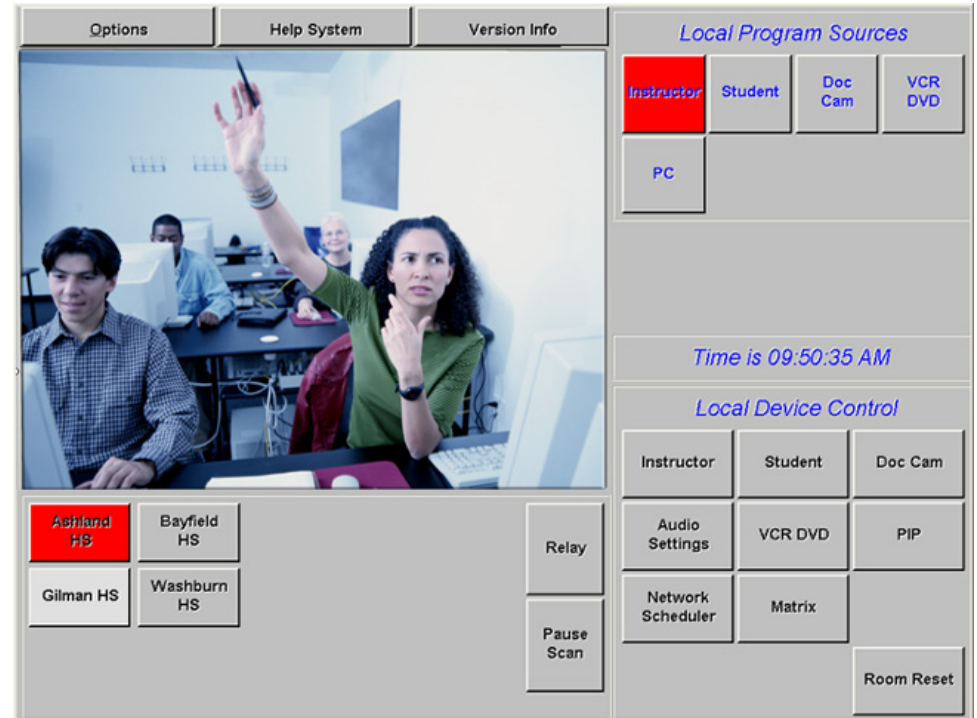
## ▶ Originate & Remote Preset Configuration

### *(Local Program Sources)*

DL-Navigator will configure video based on how the room is being used. As an Originator, the Instructor Camera will always be the default video source. As a Remote, or Receive Site (as pictured at the right) the Student Camera will be the default video source.

## ▶ Record VCR Default Configuration

The Program Source will be the default recorded source when your site is in the Originate Mode. The Receive (Instructor) video will be the default record source when the site is in Remote Mode.





# System Defaults

## ▶ Room Reset Button

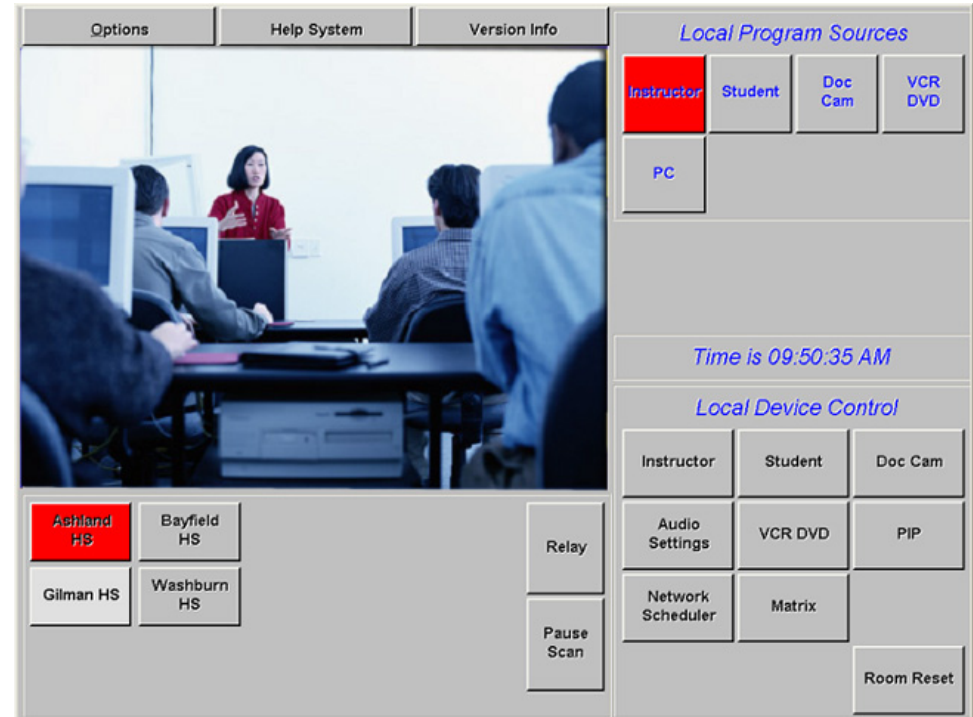
*(Lower right corner of main screen)*

By default, clicking the Room Reset button will bring the system back to its initial configuration. (Cameras to home, matrix reset to Originate or Remote video preset, etc.)

## ▶ Help Button

*(Top of screen next to "Options")*

By default, clicking the Help Button will take you the [Eastview Industries web site](#).



# System Defaults

## ▶ Configure System Options Button

*(Upper left of main screen at right)*

Under the “Options” button drop-down menu, “Configure System” can only be accessed with Authorized Password. This will prevent unauthorized users from tampering with system configuration.



# Video Source Switching Options

Video Switching from the Program Source Section can be configured in one of two ways:

*(Configuration is based on user preference from system to system.)*

- ▶ **Program Only**

When a Program Source button is pressed, the corresponding video is immediately visible on local room devices (monitors, projectors, plasmas, etc.) and sent to any sites connected to this DL-Navigator in a session. The button turns red on one push.

- ▶ **Program and Preview**

(A two-push process) Pressing any Program Source button once will preview the selected video source in the preview window of the local DL-Navigator only, and the button will turn yellow. Pressing the button again will make it the active program source, turn the button red, and the video will be displayed in the local room as well as send it to any other sites connected in the session.

# Continuous View Session

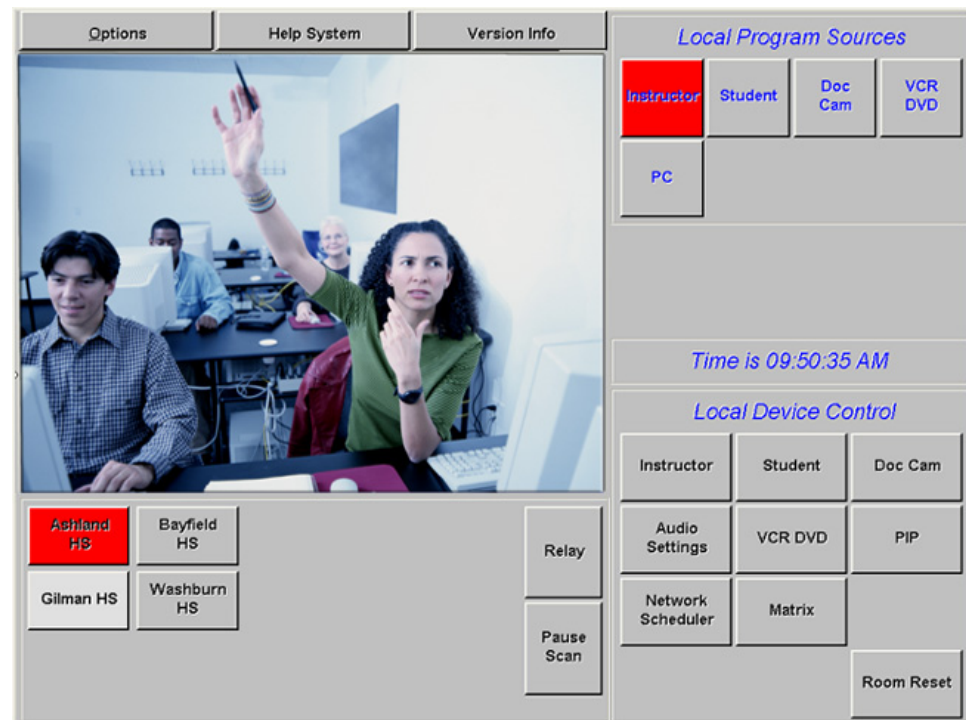
The diagram at right shows a standard 1x3 continuous view session.

- ▶ **Full-Time View**

In the continuous view, all sites in the session see and hear each other at all times.

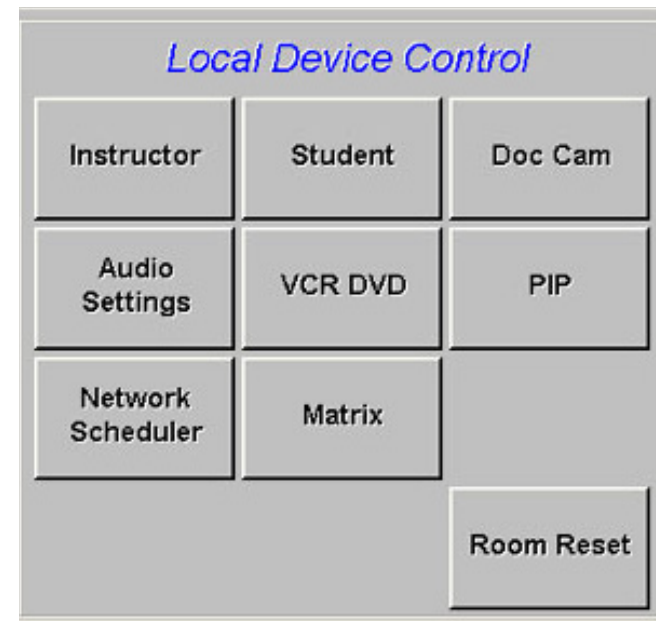
- ▶ **Far End Control**

As the session Originator, selecting any of these sites will allow video switching, camera and audio control of the other sites in the session.



# Detailed Device Control

- ▶ Instructor/ Student Cameras
- ▶ Document Camera
- ▶ Audio Settings
- ▶ Dialer
- ▶ DVD/ VCR Combo
- ▶ Picture-in-Picture (PIP)/ Text-Over-Video (TOV)



# Instructor/ Student Cameras

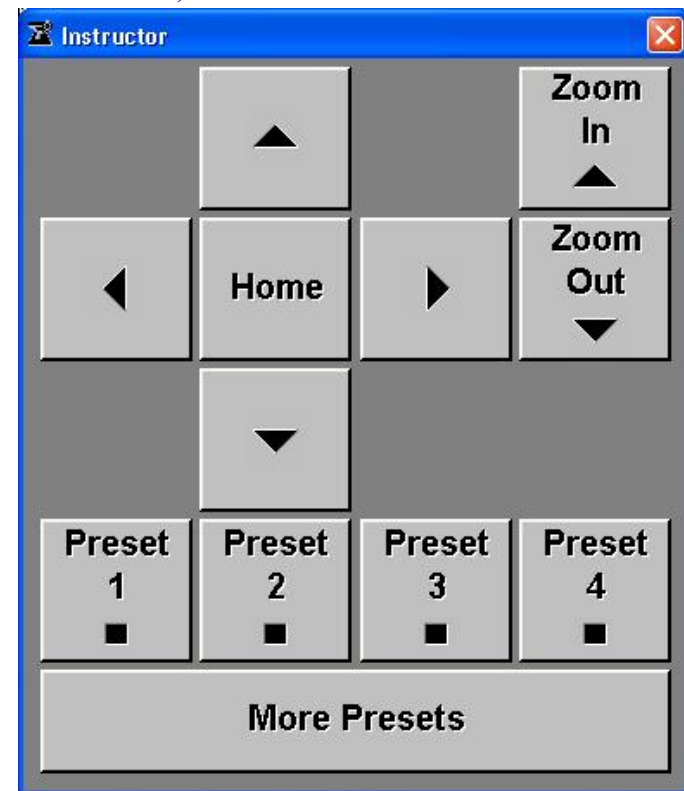
The form at right will appear when a camera button is selected.  
*(In this example the Instructor camera button has been selected)*

- ▶ **Camera Specified**

On the top bar of the form, “Instructor” or “Student” will be noted as to which camera you are currently controlling.

- ▶ **More Presets**

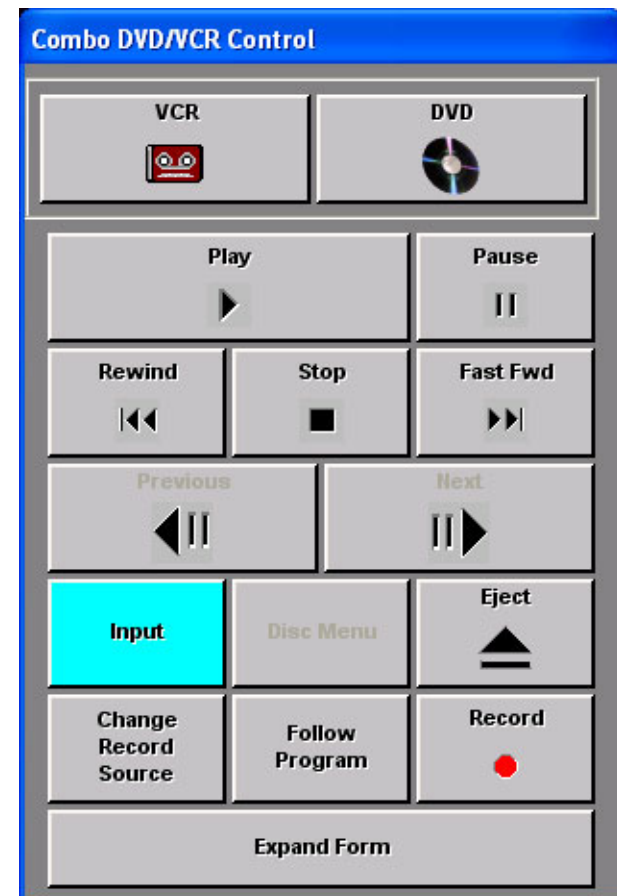
The “More Presets” button on the form at right will bring up additional presets as well as the “Store” button for storing these presets.



# DVD/VCR Combo

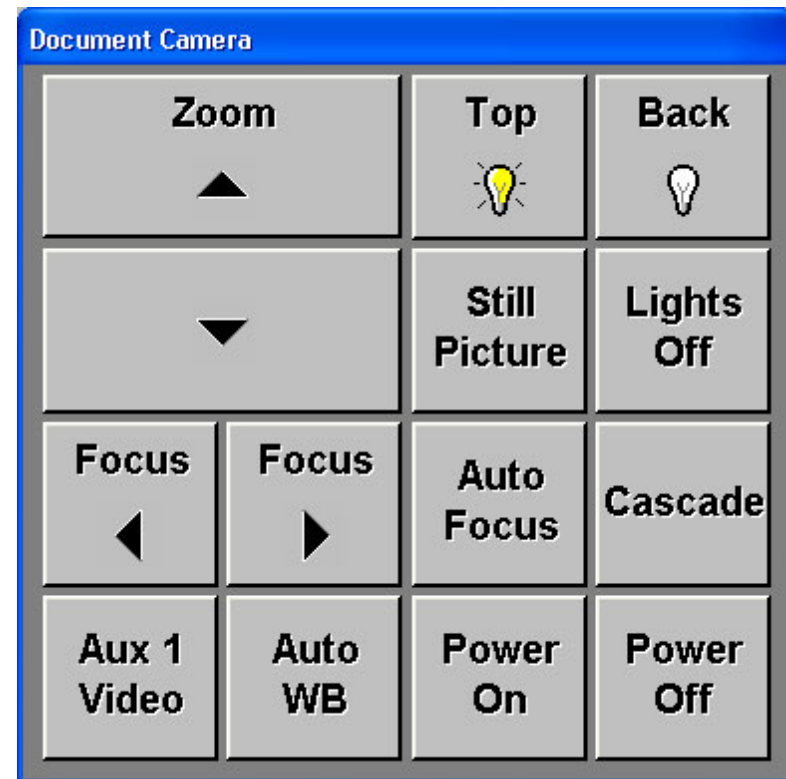
All standard DVD/VCR operations control plus:

- ▶ **Change Record Source**  
Clicking this button allows the user to select one individual source to be recorded.
- ▶ **Follow Program**  
With this option, the source you are currently transmitting on the network is also sent to your VCR. This is very useful while teaching since any selected source is captured on the videotape.
- ▶ **Audio Recording**  
Both transmit and receive audio is recorded.



# Document Camera

- ▶ Document Camera Control is fully supported by DL-Navigator
- ▶ Standard Document Camera operations
  - ✓ Zoom In & Out
  - ✓ Focus Near & Far
  - ✓ Lights
  - ✓ Power and Input Controls are all available





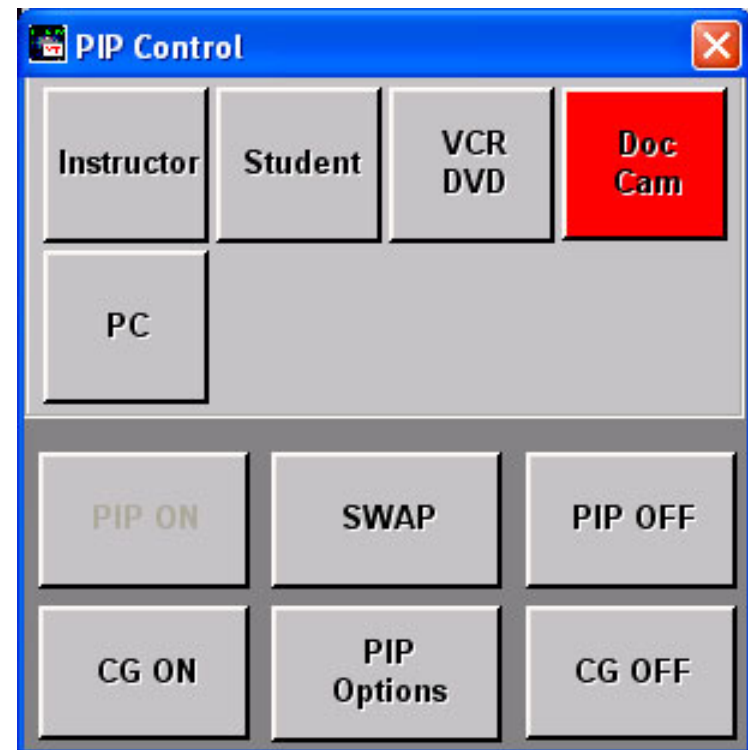
# Picture-in-Picture/ Text-over-Video

## ▶ CG Control

In addition to selecting the PIP Source, the Character Generator Text (Site Name) can be manually turned on or off.

## ▶ CG Text Automation

By default, the CG Text will display whenever the Instructor and Student Cameras are selected. When the VCR/DVD, Document Camera and PC are selected, the CG will turn off automatically.



# Audio Settings Control

- ▶ **Mute/UnMute**

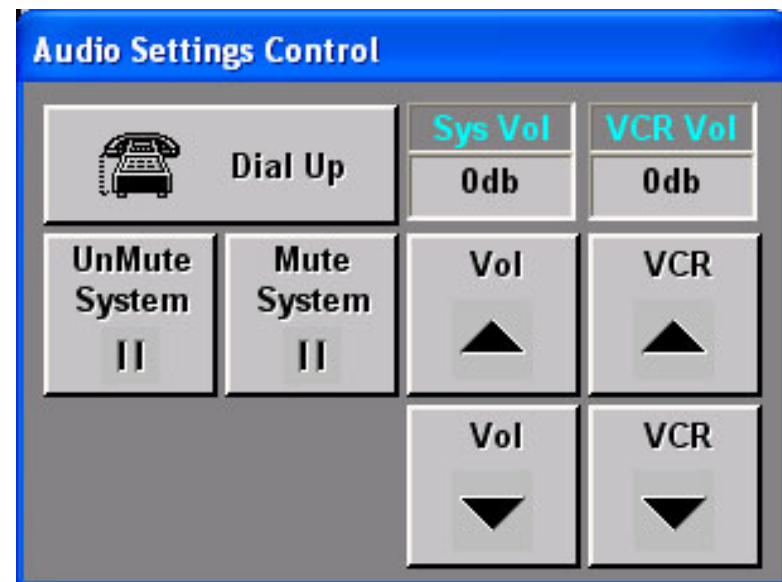
These buttons will mute and unmute both the incoming and outgoing audio to other sites.

- ▶ **System Volume**

The System Volume adjusts the volume level to the amplifier in your local room only.

- ▶ **VCR Volume**

Because of varying audio levels between VHS Tapes & DVDs, the VCR Volume level controls adjust the incoming audio from the VCR / DVD player only.



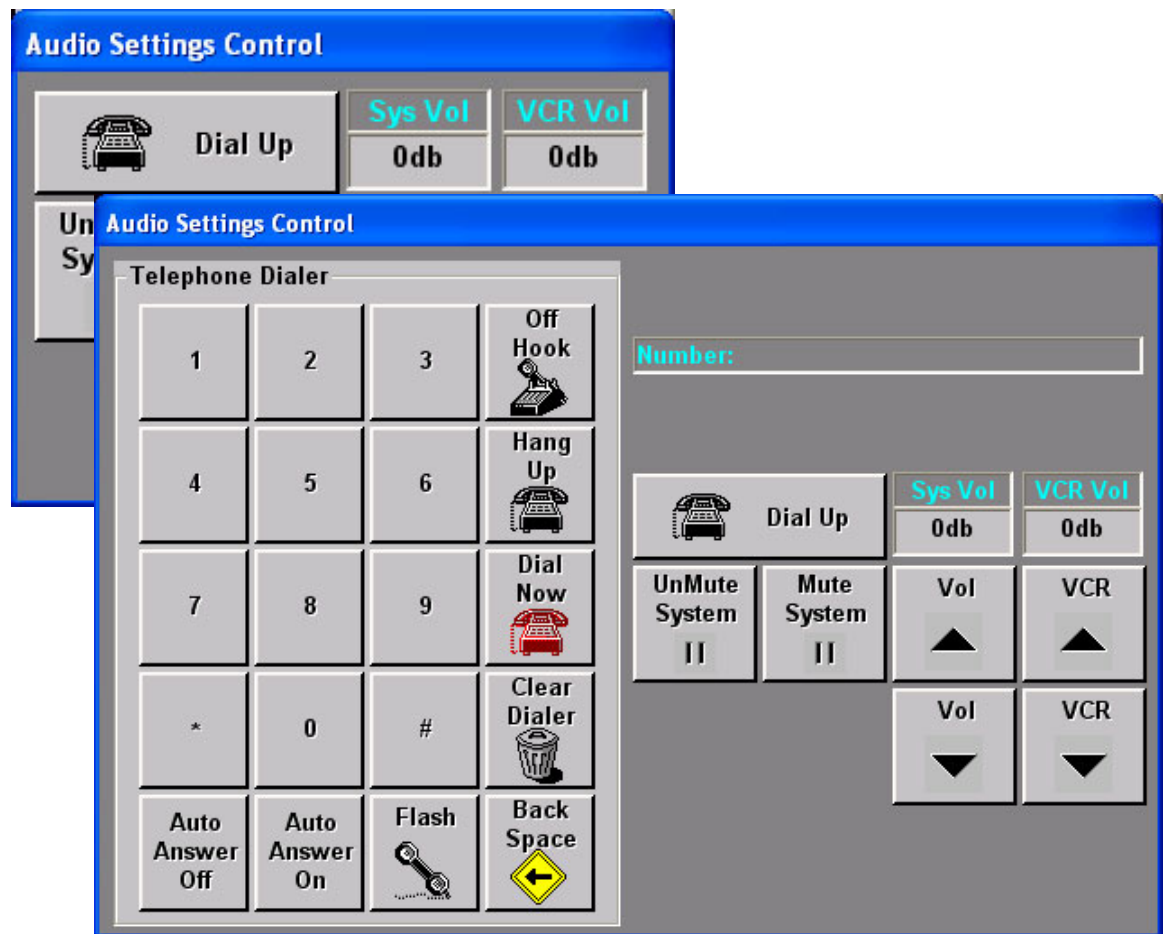
# Telephone Dialer

## ▶ Dial Up

Pressing the “Dial Up” button on the Audio Settings form displays the telephone dialer keypad. Pressing the button again will hide the dialer controls.

## ▶ Dialer Options

Auto-Answer buttons allow the user to set whether incoming calls are answered automatically. The “Flash” button provides the ability to conference in other callers.



# Power Down Room

To Power Off the Room when finished:

*(Please Note: Scheduled Sessions will terminate automatically. The room will power off if another session is not launched within 10 minutes)*

- ▶ Click the “Options” Menu
- ▶ Click “Power Off Room”
- ▶ The room will then power off all devices

The screenshot displays the DL-Navigator software interface. On the left, a vertical menu titled 'Options [10]' contains buttons for 'Begin Session', 'Power On Room', 'Power Off Room [10]', 'Configure System', and 'Cancel'. The 'Power Off Room [10]' button is highlighted. The main window features a blue header with 'DL-Navigator' and a world map background. Below the header, the website 'www.eastview-industries.com' and the 'EASTVIEW INDUSTRIES' logo are visible. A red button labeled 'Ashland HS' is located in the bottom-left corner. On the right side, there are several control panels. The top panel, 'Local Program Sources', includes buttons for 'Instructor', 'Student' (highlighted in red), 'Doc Cam', and 'VCR DVD'. Below this is a 'PC' button. The middle panel shows the time 'Time is 09:52:38 AM'. The bottom panel, 'Local Device Control', contains buttons for 'Instructor', 'Student', 'Doc Cam', 'Audio Settings', 'VCR DVD', 'PIP', 'Network Scheduler', and 'Matrix'. A 'Room Reset' button is located at the bottom right.

# Contact Information

## Eastview Industries, Inc.

2415 Ventura Drive  
Woodbury, MN 55125

Tel: 651.855.0325

Fax: 651.578.2555

[www.eastview-industries.com](http://www.eastview-industries.com)

General Email: [evi@eastview-industries.com](mailto:evi@eastview-industries.com)

Tech Support: [support@eastview-industries.com](mailto:support@eastview-industries.com)

