

# VDC-EDU Classroom Integration System

## Applications

Education Campuses  
Training Centers



## Sales Support

*Planning a classroom control application? Our Sales Support staff will be happy to work with you, providing expert integration assistance and a complete systems proposal.*

## Tech Support

*Need tech help? Give us a call. Our tech support staff are experts in the integration industry, so we can research solutions in the proposal stage, advise on programming requirements, and resolve installation issues.*

*Our job is to make our solutions work seamlessly with your system, performing as promised.*

## Related Products

Display Express Systems  
iC-Net Tuner Controllers  
ICC2-ATSC HDTV Controller

The Contemporary Research VDC-EDU is a fully integrated, compact classroom integration solution that mounts to a video projector pole. The system is easy to install and maintain and combines the benefits of video projector control, audio mixing and amplification, TV tuning, and unified IR control. All in a modular, compact set of components that mount directly to the projector pole, eliminate the expense of plenum boxes and wall panels, and offer several options for control and management.

### Core Components:

- ICC2-VDC – integrated AV tuner, projector controller, and IR receiver
- IC-RC – IR remote for tuning, projector power and input, and volume
- PMT-1 – Mount attaches ICC2-VDC to projector pole

### Optional Components:

- 232-Amp Mixer/Amp mounts to ICC2-VDC
- ICC2-ATSC for analog and digital tuning
- DX-EDU Central Administration System

## Key System Components

### ICC2-VDC

- Tunes analog cable channels with filtered access
- Controls video projectors via RS-232, onboard control library
- Low and high frequency IR sensors, IR Remote
- Accepts central control commands over broadband cable

### 232-Amp Mixer/Amplifier

- Compact 16/30 W stereo amplifier controlled by ICC2-VDC
- Programmable Mix/ducking operation via stereo input and two mono line inputs
- Optional SA615 Ceiling Speakers

### DX-EDU Central Administration System

- Control of VDC-EDU systems through RF coax – no new wiring needed
- Simple Web forms for system setup
- Control presets for video and emergency paging
- Scheduling for projector power, channels, and volume

# VDC-EDU Classroom Integration System

## VDC-EDU Classroom Integration System



ICC2-VDC



IC-RC Remote



232-Amp



ICC2-ATSC



Display Express Software



RS232-to-RF Head End

Feature	VDC-EDU Core System
<b>ICC2-VDC</b>	Integrated AV tuner/video projector controller, local IR control, remote control via broadband
<b>Physical</b>	8.5" W x 1.75" H x 6.0" D, 24 oz Metal Enclosure
<b>Front Panel</b>	Power, Volume Up and Down, Channel Up and Down control buttons High and low frequency IR sensors
<b>Back Panel</b>	RS-232 Control Port to Video Projector or Display RF input for cable channels, also receives central control channel IR input for external IR sensor or custom control system commands Control output for optional 232-Amp Mixer/Amplifier
<b>System Includes</b>	ICC2-VDC Integrated Tuner/Controller IC-RC IR Wireless Remote PMT-1 Pole Mount Bracket 12 VDC Power Supply, 400 mA
<b>Options</b>	CC-232 Control Cable to Projector or Display 232-Amp Mixer/Amplifier

## VDC-EDU Optional Components

Feature	232-Amp/E Mixer Amplifier	ICC2-ATSC/E HDTV Tuner/Controller
<b>Operation</b>	Compact mixer/amplifier mounts to top of ICC2-VDC or ICC2-ATSC One Stereo 3.5mm line input with gain control Two Mono 3.5 mm line inputs with gain and programmable ducking control 18 W RMS Stereo speaker output, 30 W RMS at 4 ohms RS-232 control port	Tunes analog and digital clear cable channels RS-232 Control Port to Video Projector or Display RF input for cable channels, also receives central control channel IR input for external IR sensor or custom control system commands Control output for optional 232-Amp Mixer/Amplifier
<b>Physical</b>	7.7" W x 1.1" H x 3.5" D (w/bracket), 8 oz	8.5" W x 2.43" H x 8.0" D, 3 lbs
<b>Includes</b>	Mounting Bracket Switching power supply, 4A 12 VDC RS-232 cable to tuner Dual cable supplies power to amp and tuner	HD2-RC IR Remote 1.5A, 12 VDC power supply PMT-2 Pole Mount Bracket
<b>Options</b>	SA615 Ceiling Speakers CS206 Wall Speakers	

## DX-EDU Central Administration System

Feature	Display Express Rack PC	ICC-HE RS-232 Head End
<b>Operation</b>	Rack-Mount PC hosts Display Express control software Web-based software provides setup and access for control presets, scheduling, video p[aging], and emergency alerts	Distributes commands from Display Express through broadband coax to room controllers Sends control data channel through coax, between channels 4 and 5
<b>Physical</b>	19" W x 1.7" H (1RU) x 14" D, 10 lbs	19" W x 1.75" H (1RU) x 9" D, 3 lbs
<b>Includes</b>	Windows XP Pro OS Display Express Software Rack mounting hardware Control cable to ICC-HE	Rack mounting hardware 12 VDC Power Supply, 500 mA

All CR products feature a full two-year warranty.