## Control System Button By Button

### Items in italics are notes!

<table>
<thead>
<tr>
<th>Page</th>
<th>Button</th>
<th>Description</th>
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</table>
| Start | Start | This is the default starting point for the user interface  
Touch anywhere on the "Start" page and the panel will display the "System Mode" page |
| System Mode | System Mode | This page is where system mode (On, On Audio Only, and Off) are selected  
| system on (currently "Off") | | Switches to "System Warming" page.(See: "System Warming" page description")  
Sets countdown timer to appropriate value.  
Turns on projector  
lowers screen  
turns on power sequencers in correct order  
When timer reaches zero, displays "Main" page  
Selects System PC" as current source  
Sets program and mic vols to preset values  
Clears any current annotations  
Sets annotator to off |
| | | system on (currently "On" in Audio Only mode)  
| | | Switches to "System Warming" page.(See: "System Warming" page description")  
Sets countdown timer to appropriate value.  
Turns on projector  
lowers screen  
When timer reaches zero, displays "Main" page  
Selects "Internal PC" as current source  
Sets program and mic vols to preset values  
Clears any current annotations  
Sets annotator to off |
| | | system on (currently "On" in AV mode.)  
| | | Displays "Main" page |
EXHIBIT 27 40 00-11 CONTROL SYSTEMS BUTTON BY BUTTON

system on audio only (currently “Off”)

- Switches to “System Warming” page.(See: “System Warming” page description”)
- Sets countdown timer to appropriate value.
- Turns on power sequencer
- When timer reaches zero, displays "Main" page
- Selects "Internal PC" as current source
- Sets program and mic vols to preset values
- Clears any current annotations
- Sets annotator to off

system on audio only (currently “On” in AV mode)

- Switches to “System Warming” page.(See: “System Warming” page description”)
- Sets countdown timer to appropriate value.
- Turns projector power off
- Turns Document Camera off
- When timer reaches zero, displays "Main" page
- Selects "Internal PC" as current source
- Sets program and mic vols to preset values
- Clears any current annotations
- Sets annotator to off

system on audio only (currently “On” in Audio Only mode.)

- Displays "Main" page

system off (currently "Off")

- Displays "Start" page

system off (currently “On” in AV mode)

- Switches to "System Cooling" page.(See: "System Cooling" page description")
- Sets countdown timer to appropriate value.
- Turns projector power off
- Turns Document Camera off
- Clears any current annotations
- Sets annotator to off
- Turns Power Sequencer off
- When timer reaches zero, displays "Start" page

system off (currently "On" in Audio Only mode)

- Switches to "System Cooling" page.(See: "System Cooling" page description")
- Sets countdown timer to appropriate value.
- Turns projector power off
- Turns Document Camera off
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Clears any current annotations
Sets annotator to off
Turns Power Sequencer off
When timer reaches zero, displays "Start" page

Displays "Status" page. See: "Status" page.

This is the main operating page during normal (On) conditions. This is where the user spends most of their time.

Main

Source Buttons:
System PC

When Annotation = ON
Routes source to annotator input
Routes annotator preview to lectern monitor
Routes annotator output to projector
Routes annotator output to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier
Displays "No Controls" popup page
Switches projector to correct HDMI input

When Annotation = OFF
Routes source to lectern monitor
Routes source to projector
Displays "No Controls" popup page
Switches projector to correct HDMI input
Routes source to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier

Aux HDMI

When Annotation = ON
Routes source to annotator input
Routes annotator preview to lectern monitor
Routes annotator output to projector
Routes annotator output to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier
Displays "No Controls" popup page
Switches projector to correct HDMI input

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When Annotation = OFF
Routes source to lectern monitor
Routes source to projector
Displays "No Controls" popup page
Switches projector to correct HDMI input
Routes source to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier

Aux VGA
When Annotation = ON
Routes source to annotator input
Routes annotator preview to lectern monitor
Routes annotator output to projector
Routes annotator output to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier
Displays "No Controls" popup page
Switches projector to correct HDMI input

When Annotation = OFF
Routes source to lectern monitor
Routes source to projector
Displays "No Controls" popup page
Switches projector to correct HDMI input
Routes source to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier

Document Camera
When Annotation = ON
Routes source to annotator input
Routes annotator preview to lectern monitor
Routes annotator output to projector
Routes annotator output to Lecture Capture units
Source audio is NOT routed if possible
Displays "Document Camera" popup page
Switches projector to correct HDMI input

When Annotation = OFF
Routes source to lectern monitor
Routes source to projector
Displays "Document Camera" popup page
Switches projector to correct HDMI input
Routes source to Lecture Capture units
Source audio is NOT routed if possible

BluRay Player

**When Annotation = ON**
Routes source to annotator input
Routes annotator preview to lectern monitor
Routes annotator output to projector
Routes annotator output to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier
Displays "BluRay Player" popup page
Switches projector to correct HDMI input

**When Annotation = OFF**
Routes source to lectern monitor
Routes source to projector
Displays "BluRay Player" popup page
Switches projector to correct HDMI input
Routes source to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier

Apple TV

**When Annotation = ON**
Routes source to annotator input
Routes annotator preview to lectern monitor
Routes annotator output to projector
Routes annotator output to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier
Displays "Apple TV" popup page
Switches projector to correct HDMI input

**When Annotation = OFF**
Routes source to lectern monitor
Routes source to projector
Displays "Apple TV" popup page
Switches projector to correct HDMI input
Routes source to Lecture Capture units
Source audio is routed through crosspoint switcher to DSP/Amplifier

Wireless Display

**When Annotation = ON**
Routes source to annotator input
Routes annotator preview to lectern monitor  
Routes annotator output to projector  
Routes annotator output to Lecture Capture units  
Source audio is routed through crosspoint switcher to DSP/Amplifier  
Displays "No Controls" popup page  
Switches projector to correct HDMI input

When Annotation = OFF  
Routes source to lectern monitor  
Routes source to projector  
Displays "No Controls" popup page  
Switches projector to correct HDMI input  
Routes source to Lecture Capture units  
Source audio is routed through crosspoint switcher to DSP/Amplifier

Other Buttons:

System Mode: Displays "System Mode" page  
Pic mute: Toggles projector picture mute  
When muted, "pic mute" button flashes  
Audio mute: Toggles audio mute  
When muted, “audio mute” button flashes  
Vol up: Raises program volume while pressed  
Current level displayed on volume bargraph  
Vol down: Lowers program volume while pressed  
Current level displayed on volume bargraph  
Mics: Displays "Microphone Control" page

Annotation (or 'anno'): Toggles current state of annotation. Flashes when on.

When Annotation = ON  
Routes current source to annotator input  
Routes annotator preview to lectern monitor  
Routes annotator output to projector  
Routes annotator output to Lecture Capture units

When Annotation = OFF  
Routes current source to lectern monitor  
Routes current source to projector  
Routes current source to Lecture Capture units
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BluRay Control

BluRay Control is via I.R.

main recalls top menu
menu recalls main menu
up calls down cursor function
down calls up cursor function
left calls left function
right calls right function
ok (dot) calls ok function
display steps through display options
return calls return function
power toggles power
play calls play function
stop calls stop function
pause calls pause function
subtitle steps through subtitle options
chapter - calls chapter - function
rew calls rewind function
fwd calls fast forward function
chapter + calls chapter + function

Microphone Control

Allows control of microphone gain and presets

wireless mic buttons
audio mute toggles mute of this mic
when this mic muted, this button flashes
up while pressed, increases gain on this mic
current relative gain displayed on associated bargraph
down while pressed, decreases gain on this mic
current relative gain displayed on associated bargraph
preset (release) returns this mic gain to preset value
preset (hold) double beeps touch panel
changes this mics preset value to this mics current gain setting

Document Camera

Displays popup page with document camera controls

Power buttons
on Turns Document Camera ON
off Turns Document Camera OFF
Lighting Control

*light buttons*
- top: Turns Document Camera top lights on
- bottom: Turns Document Camera bottom lights on
- off: Turns Document Camera lights off

*zoom buttons*
- up: zooms into document
- down: zooms out of document
- focus: automatically focuses document image

*iris buttons*
- up: turns off auto-iris, opens iris
- down: turns off auto-iris, closes iris
- auto: sets auto-iris on

*preset buttons (qty 5).* *These buttons will keep current nomenclature*
- preset 1: recalls lighting preset 1
- preset 2: recalls lighting preset 2
- preset 3: recalls lighting preset 3
- preset 4: recalls lighting preset 4
- preset 5: recalls lighting preset 5

*named preset buttons (qty 5).* *These buttons will keep current nomenclature*
- 6: recalls lighting preset 6
- 7: recalls lighting preset 7
- 8: recalls lighting preset 8
- 9: recalls lighting preset 9
- 10: recalls lighting preset 10

*zone control buttons.* *Each zone will have on, off, up, down buttons as appropriate.*

**zone 1**
- On (if appropriate)
- Off (if appropriate)
- Up (if appropriate)
- Down (if appropriate)

**zone 2**
- On (if appropriate)
- Off (if appropriate)
- Up (if appropriate)
- Down (if appropriate)
zone 3
- On (if appropriate)
- Off (if appropriate)
- Up (if appropriate)
- Down (if appropriate)

zone 4
- On (if appropriate)
- Off (if appropriate)
- Up (if appropriate)
- Down (if appropriate)

zone 5
- On (if appropriate)
- Off (if appropriate)
- Up (if appropriate)
- Down (if appropriate)

zone 6
- On (if appropriate)
- Off (if appropriate)
- Up (if appropriate)
- Down (if appropriate)

zone 7
- On (if appropriate)
- Off (if appropriate)
- Up (if appropriate)
- Down (if appropriate)

zone 8
- On (if appropriate)
- Off (if appropriate)
- Up (if appropriate)
- Down (if appropriate)

System Warming
- Displays message “System Warming”
- Displays countdown time in seconds

System Cooling
- Displays message “System Cooling”
- Displays countdown time in seconds

System Status
- Displays:
  - Projector lamp hours
exit

Displays "System Mode" page