

EXHIBIT 27 40 00-15 CONTROL SYSTEMS BUTTON BY BUTTON

EXHIBIT 27 40 00-15, CONTROL SYSTEMS BUTTON BY BUTTON

Items in italics are notes!

Page	Button	Description
Start		<i>This is the default starting point for the user interface</i> Touch anywhere on the "Start" page and the panel will display the "System Mode" page
System Mode		<i>This page is where system mode (On, On Audio Only, and Off) are selected</i>
	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 00-15 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

0

EXHIBIT 27 40 00-15 CONTROL SYSTEMS BUTTON BY BUTTON

		<p>Clears any current annotations Sets annotator to off Turns Power Sequencer off When timer reaches zero, displays "Start" page</p>
	status	<p>Displays "Status" page. See: "Status" page.</p>
Main		<p><i>This is the main operating page during normal (On) conditions. This is where the user spends mo.</i></p>
	Source Buttons: System PC	<p>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</p> <p>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</p>
	Aux HDMI	<p>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</p> <p>When Annotation = OFF</p>

EXHIBIT 27 40 00-15 CONTROL SYSTEMS BUTTON BY BUTTON

	<p>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</p>
Aux VGA	<p>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</p> <p>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</p>
Document Camera	<p>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</p> <p>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</p>

EXHIBIT 27 40 00-15 CONTROL SYSTEMS BUTTON BY BUTTON

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

EXHIBIT 27 40 00-15 CONTROL SYSTEMS BUTTON BY BUTTON

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
annotator (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

EXHIBIT 27 40 00-15 CONTROL SYSTEMS BUTTON BY BUTTON

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 funtion
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

<i>wireless mic buttons</i>	
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 gurrent gain setting

Document Camera

Displays popup page with document camera controls

<i>Power buttons</i>	
on	Turns Document Camera ON
off	Turns Document Camera OFF
<i>light buttons</i>	

EXHIBIT 27 40 00-15 CONTROL SYSTEMS BUTTON BY BUTTON

top	Turns Document Camera top lights on
bottom	Turns Document Camera bottom lights on
off	Turns Document Camera lights off
<i>zoom buttons</i>	
up	zooms into document
down	zooms out of document
focus	automatically focuses document image
<i>iris buttons</i>	
up	turns off auto-iris opens iris
down	turns off auto-iris closes iris
auto	sets auto-iris on

Lighting Control

<i>preset buttons (qty 5). These buttons will keep current nomenclature</i>	
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
<i>named preset buttons (qty 5). These buttons will keep current nomenclature</i>	
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
<i>zone control buttons. Ea Zone will have on, off, up, down buttons as appropriate.</i>	
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)

EXHIBIT 27 40 00-15 CONTROL SYSTEMS BUTTON BY BUTTON

	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 Touch Panel network connection status

exit

Displays "System Mode" page

st of their time.

