<table>
<thead>
<tr>
<th>Page</th>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start</td>
<td></td>
<td><em>This is the default starting point for the user interface</em> Touch anywhere on the &quot;Start&quot; page and the panel will display the &quot;System Mode&quot; page</td>
</tr>
</tbody>
</table>
| 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
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
### 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

  - **When Annotation = OFF**

### Status
- 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.
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
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 “Wireless Display” popup page
- Switches projector to correct HDMI input
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
BluRay Control  

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>main</td>
<td>recalls top menu</td>
</tr>
<tr>
<td>menu</td>
<td>recalls main menu</td>
</tr>
<tr>
<td>up</td>
<td>calls down cursor function</td>
</tr>
<tr>
<td>down</td>
<td>calls up cursor function</td>
</tr>
<tr>
<td>left</td>
<td>calls left function</td>
</tr>
<tr>
<td>right</td>
<td>calls right function</td>
</tr>
<tr>
<td>ok (dot)</td>
<td>calls ok function</td>
</tr>
<tr>
<td>display</td>
<td>steps through display options</td>
</tr>
<tr>
<td>return</td>
<td>calls return function</td>
</tr>
<tr>
<td>power</td>
<td>toggles power</td>
</tr>
<tr>
<td>play</td>
<td>calls play function</td>
</tr>
<tr>
<td>stop</td>
<td>calls stop function</td>
</tr>
<tr>
<td>pause</td>
<td>calls pause function</td>
</tr>
<tr>
<td>subtitle</td>
<td>steps through subtitle options</td>
</tr>
<tr>
<td>chapter -</td>
<td>calls chapter - function</td>
</tr>
<tr>
<td>rew</td>
<td>calls rewind function</td>
</tr>
<tr>
<td>fwd</td>
<td>calls fast forward function</td>
</tr>
<tr>
<td>chapter +</td>
<td>calls chapter + function</td>
</tr>
</tbody>
</table>

Microphone Control  

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>wireless mic buttons</td>
<td></td>
</tr>
<tr>
<td>audio mute</td>
<td>toggles mute of this mic</td>
</tr>
<tr>
<td>up</td>
<td>while pressed, increases gain on this mic</td>
</tr>
<tr>
<td>down</td>
<td>while pressed, decreases gain on this mic</td>
</tr>
<tr>
<td>preset (release)</td>
<td>returns this mic gain to preset value</td>
</tr>
<tr>
<td>preset (hold)</td>
<td>double beeps touch panel</td>
</tr>
<tr>
<td></td>
<td>changes this mics preset value to this mics current gain setting</td>
</tr>
</tbody>
</table>

Document Camera  

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power buttons</td>
<td>Displays popup page with document camera controls</td>
</tr>
<tr>
<td>on</td>
<td>Turns Document Camera ON</td>
</tr>
<tr>
<td>off</td>
<td>Turns Document Camera OFF</td>
</tr>
</tbody>
</table>

BluRay Control is via I.R.
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

Lighting Control

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.  Ea 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)
### EXHIBIT 27 40 00-15 CONTROL SYSTEMS BUTTON BY BUTTON

<table>
<thead>
<tr>
<th>zone 4</th>
<th>On (if appropriate)</th>
<th>Off (if appropriate)</th>
<th>Up (if appropriate)</th>
<th>Down (if appropriate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>zone 5</td>
<td>On (if appropriate)</td>
<td>Off (if appropriate)</td>
<td>Up (if appropriate)</td>
<td>Down (if appropriate)</td>
</tr>
<tr>
<td>zone 6</td>
<td>On (if appropriate)</td>
<td>Off (if appropriate)</td>
<td>Up (if appropriate)</td>
<td>Down (if appropriate)</td>
</tr>
<tr>
<td>zone 7</td>
<td>On (if appropriate)</td>
<td>Off (if appropriate)</td>
<td>Up (if appropriate)</td>
<td>Down (if appropriate)</td>
</tr>
<tr>
<td>zone 8</td>
<td>On (if appropriate)</td>
<td>Off (if appropriate)</td>
<td>Up (if appropriate)</td>
<td>Down (if appropriate)</td>
</tr>
</tbody>
</table>

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