These instructions are for connecting to and controlling the ceiling mounted projector using the yellow-tagged VGA cable to the left of the alcove.

**ROOM 21 WALL KEYPAD**

- The projector and sound system turn on with one button. Pressing any of these buttons:
  - LAPTOP
  - DVD
  - VCR

  turns on the projector, Sony receiver/amplifier and DVD/VCR player.

- Projectors have a long warmup cycle (about a minute), so be patient.

- Once the projector is turned OFF, there is a period of about 45 seconds where it cannot be turned back on. During this cool down period, then projector does not accept “ON” commands.

**ROOM 21 - CHANGING ASPECT RATIO**

- The “Aspect 16 X 9” button changes the projector’s aspect ratio setting to 16 X 9 regardless of the A/V source being used.

- The “Aspect 4 X 3” button changes the projector’s aspect ratio setting to 4 X 3 regardless of the A/V source being used.

- Pressing the “Aspect Letterbox” button changes the projector’s aspect ratio setting to letterbox regardless of the A/V source being used.

- Pressing the “Video Mute” button causes the projector to insert a black filter to block the image, but keeps the projector bulb “on”. This is handy when you want to use the white board behind the projection screen. Pressing it again restores the image.
The DVD and Sony Amplifier/Receiver for this system have Yellow Dots and are located on the top shelf under the window. The yellow dots differentiate them from the equipment used with the 80” TV (which have blue dots and are located under the shelf).
AV GUIDE FOR 80” TV – BLUE DOT SYSTEM

Components that work with this system are designated by a blue dot.

- 80” Sharp Aquos LED television + controller
- Sony Audio-Video Receiver
- Samsung Blu-Ray DVD player + controller

NOTE: The Blue dot Sony Receiver and Blue dot Blu-Ray DVD player are located below the wooden counter shelf under the window. The remotes for these two units are located next to the system components.

To use the Blu Ray DVD player (which will also play regular DVDs)
1. Use the Samsung Blu Ray remote controller (see diagram on Fig. 1) to turn ON the Blu Ray player. NOTE: The Samsung Blu Ray player sits directly on top of the Sony AV receiver.
   a. Use the Eject/Close button to Open/Close the DVD tray. Insert your disc. Pushing on the disc tray may damage the mechanism so always use the Eject/Close button.
   b. View the DVD player menu and control it with the Blu Ray remote controller.
2. Turn on the Sony AV Receiver by pressing the POWER ON button (“ON” blue dot)
   a. Use the “Selector” dial and dial in BD-DVD on the Sony AV receiver.
3. Turn on the TV by using the Sharp TV remote controller (Fig. 2) aimed at the SHARP logo at the center bottom of the screen and press POWER.
   a. If the starting menu shows up, select VIDEO
   b. Press the INPUT button on the Sharp TV remote controller
   c. Use the arrows on the Circular/Enter selector to step to 1-BD-FM57C, press ENTER.
4. The DVD menu should now appear. Use the Blu Ray DVD remote controller to select menu items and play.

To use a laptop or compatible mobile device with the TV through the HDMI cable.
1. Turn on the Sony AV Receiver by pressing the POWER ON button (“ON” blue dot)
   a. Use the “Selector” dial and turn to VIDEO 1 on the Sony AV receiver.
2. Connect the laptop/mobile device (need an appropriate adapter) to the HDMI cable.
3. Turn on the TV using the Sharp TV remote controller (Fig. 2) by aiming at the SHARP logo at the center bottom of the screen and press POWER.
   a. If the starting menu shows up, select VIDEO.
   b. Press the INPUT button on the Sharp TV remote controller.
   c. Use the arrows on the Circular/Enter selector to step to HDMI1, press ENTER.
4. The screen display of your device should show up on the TV screen.
5. Control the sound volume using the VOLUME control on the Sharp TV remote controller.

To use the VGA input to the TV
1. Connect your laptop VGA output to the BLUE VGA cable. [Currently, no sound can be played using this input, if you need sound, use the VGA cable for the ceiling-mounted projector (Yellow Dot system)].
2. Turn on the TV by using the Sharp TV remote controller (Fig. 2) aimed at the SHARP logo at the center bottom of the screen and press POWER.
   a. If the starting menu shows up, select VIDEO
   b. Press the INPUT button on the Sharp TV remote controller
   c. Use the arrows on the Circular/Enter selector to step to PC-1N, press ENTER
3. You should see your laptop screen display on the TV.