

GCC AV Operational Instructions

1. Ensure Main AV Key Switch is in “ON” position. Switch is located next to electrical distribution board side of stage near lighting patch.



2. Ensure AV Control Rack is all powered up. (One power lead runs to a powerboard mounted in the back of the rack which should power up the **Kramer VP-437N Switcher**, **Kramer VM-114HC Vision Transmitter**, **Kramer PT-572+ HDMI-from-stage-receiver** (mounted in back of rack) and the **Samsung HDTV/Blu-Ray** (if connected).



3. Ensure output / input leads from AV control rack are **appropriately patched in** (depending on operating position). There are 2 x output leads with yellow tags labelled “ Projector input 1” and 2 and one input lead from stage with a red tag labelled Stage RTRN from patch bay.



4. **Lower Screens** via **white remote's** and **switch on projectors** via black “projector” labelled remote. (either from floor level pointed up at projectors or via the remote extender eye mounted on the front of the AV control rack).

5. **Patch Sound lead** (output via red + white RCA lead from VP-437) to Audio desk (if sound required).

**SYSTEM IS NOW
CONNECTED AND READY
TO OPERATE**

6. Inputs can now be selected via the front panel of the Kramer VP-437. Predominantly operators will use either **HDMI 1** or **HDMI 2** inputs which run to labelled HDMI leads permanently attached in the back of the equipment rack. These leads carry vision signal **AND SOUND** to the Kramer VP-437 switcher. (Sound then outputs to sound console via RCA sound lead (supplied)).



Stage Laptop Connection Instructions.

1. Retrieve Kramer PT-571 HDMI transmitter from Stage Laptop Kit (supplied). Connect the HDMI lead to the output of the laptop and the ethernet style cable from the Kramer PT-571 to either of the 2 laptop input points inside the front of stage dip-traps.



2. Patch the appropriate dip trap to the return line which runs back up to control area. Dip traps labelled Stage Floor Inputs 1 & 2 - patch to - Return Line to BOH depending on which dip trap input is being used.



3. At AV control rack patch either HDMI 1 lead or HDMI 2 lead **into the PT-572+ RECEIVER** which is mounted in the back of the rack. This unit receives the signal from the stage transmitter and converts it back to HDMI for the VP-437 to display to screens. - ethernet lead needs to be connected to patch bay also. Green LED on PT-572+ = successful connection.



Troubleshooting and Notes

Provided you have followed this guide you should have picture. **The first thing to check if you DON'T is the main AV patch bay on stage.** Signal needs to flow from the “BOH INPUT LINES 1&2” to the “PROJECTOR INPUTS 1&2” in order to complete the signal chain.



Additional formats of video input are available on the back panel - (leads are not supplied). Patch devices here as necessary and select them on the front panel according to input type.

