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Av room

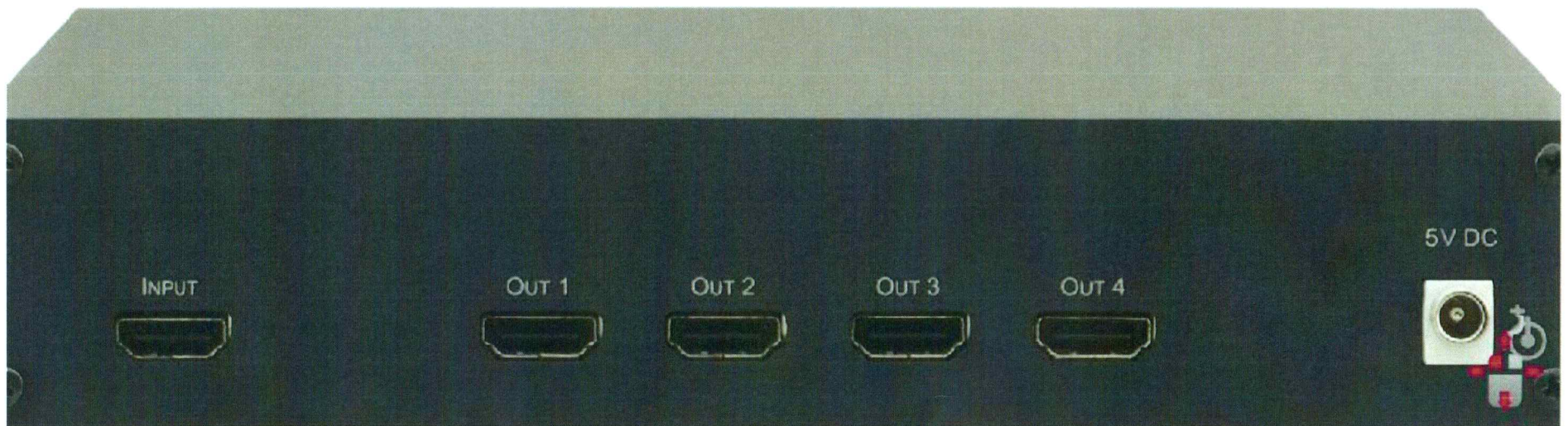
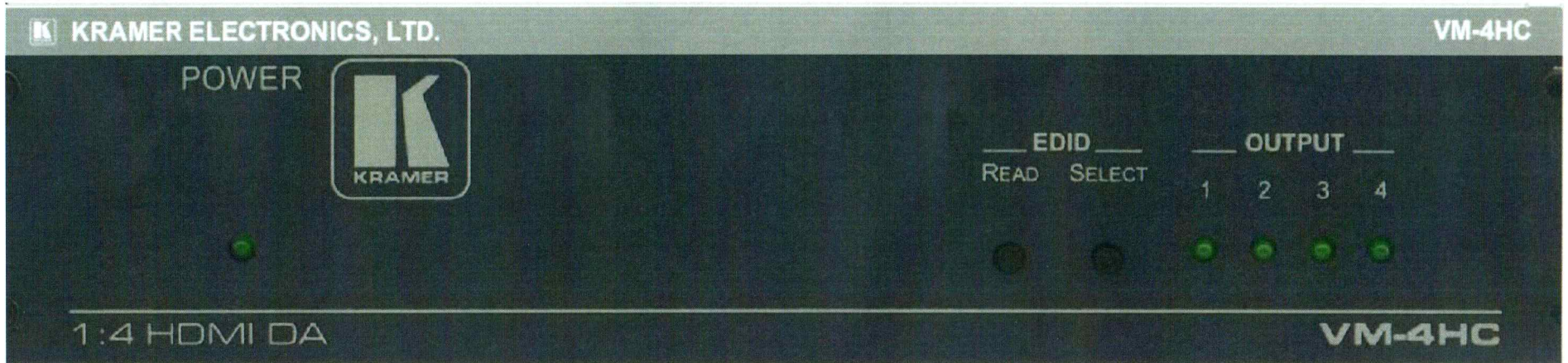
Whiteboard

Camera

Chambers
Speakers

Table

70 inch tv

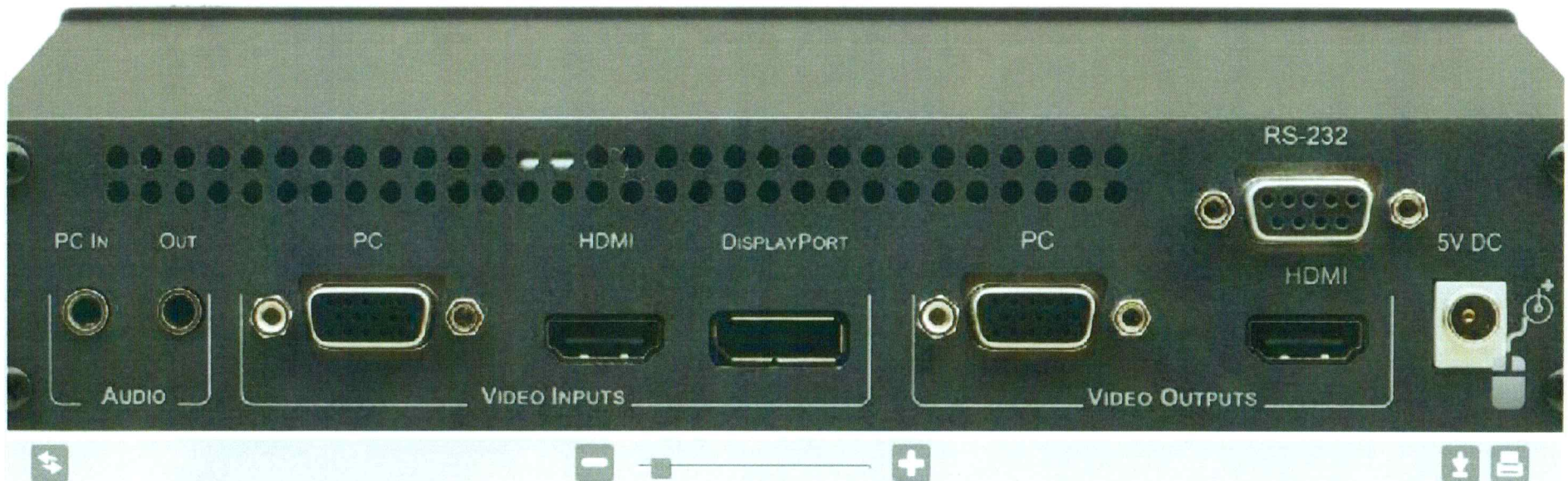
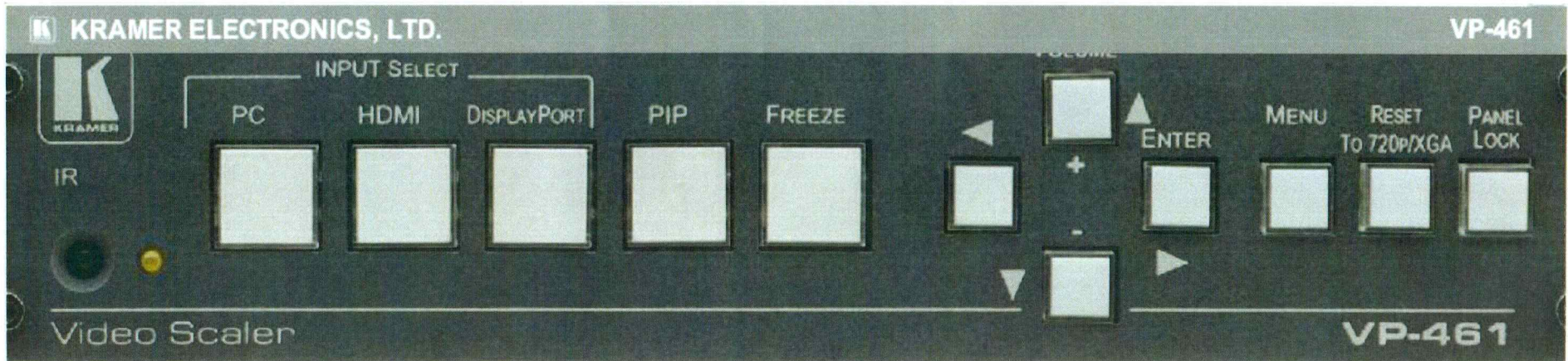


3-Input Analog & HDMI ProScale™ Presentation Switcher/Scaler

Rs232 control can allow this to be controllable from the ipad even though it is in the lecturn.

The audio pc in and out feeds back to speakers.

This is a half rack unit and we can be redundant.



Item to Purchase	Quantity	Unit Price	Cost
Replacement Lectern			
The new lectern that I was proposing did offer some amount of electrical height adjustment as well as locking equipment storage BUT, no keyboard drawer. It sounds like it no longer needs to offer a flip up or pull out Document Camera shelf. Costs with Options will run between \$2500 - \$3500 so please consider one of the following and we can finalize this together: with Electric Lift: http://www.video-furn.com/podiums-lecterns-LEXYZ34.html	1	\$3,500.00	\$3,500.00
	0		\$0.00
	0		\$0.00
	0		\$0.00
90" Primary Display			
LC90LE657U DELIVERED http://www.sharpsusa.com/ForHome/HomeEntertainment/LCDTV/Models/LC90LE657U.aspx	1	\$6,998.00	\$6,998.00
	0		\$0.00
	0		\$0.00
	0		\$0.00
Primary Display Ceiling Mount:			
Dual Downpipe Display Mount XCM7000 DELIVERED *anticipate downpipes and structural adapters to run approx \$400 http://www.milestone.com/~media/Files/Chief/Manuals/XCM7000-I.pdf	1	\$569.00	\$569.00
	1	\$400.00	\$400.00
	0		\$0.00
	0		\$0.00
Secondary Displays / Mounts			
Sharp Display 70" LC70LE661U \$1898	4	\$1,898.00	\$7,592.00
CHIEF RLT2 TILTING FLAT MOUNT \$89 DELIVERED (all we would need for 70 inch tvs)	4	\$89.00	\$356.00
CHIEF JWDUB ARTICULATING ARM \$159 DELIVERED	0		\$0.00
Lectern mounted Multi-Input Scaler/Presentation Switcher			
Provides switching from VGA, HDMI and DP ports and output to HDMI to feed the displays w/ Audio to feed House Sound.	1	\$1,159.00	\$1,159.00
VP491/RK1 DELIVERED	0		\$0.00
http://www.kramerus.com/products/model.asp?pid=2619&sf=554&pname=VP-461	0		\$0.00
	0		\$0.00
	0		\$0.00
1:4 HDMI DISTRIBUTION AMP (LECTERN)			
Provides the selected output of the Presentation Switcher to 4 destination displays; 1x DAIS #1 1:4, 1x DAIS #2 1:4, 1x PTZ MIXER/GRANICUS, 1x Main Display 1:8 (Ceiling)	4	\$459.00	\$1,836.00
VM4HC/RK1	0		\$0.00
http://www.kramerus.com/products/model.asp?pid=2357&sf=15&pname=VM-4HC	0		\$0.00
	0		\$0.00
	0		\$0.00

1:8 HDMI DISTRIBUTION AMP (CEILING)

Provides the selected output of the Presentation Switcher to 6 destination displays; 1x MAIN, 5X

SECONDARY, 2x EXPANSION

VM8H \$699

<http://www.kramerus.com/products/model.asp?pid=570&sf=15&pname=VM-8H>

DISPLAY / AUDIO CABLING

In-Wall /Plenum rated cabling to feed the displays is as follows:

1x 100ft HDMI This cable will run from the Lectern, under the dais, into the back corner wall and up, across the side wall and across to the existing PJ location

6x 50ft HDMI From the PJ location we will ceiling mount the 1:8 DA (Line G) in a ceiling box using existing power available and output to 6 displays.

14x Various HDMI Into and Out of the Lectern, on to the fanout of feeds to the Dais DA's and on to the Displays as well as the PTZ/Granicus Mixer

2x 12ft XLR From the Lectern Mic and DI box into the Audio "fanout" that feeds back to the main mixers

Directional Microphones

"Steering Mic"...here is a link to the TOA Electronics AM1 Lectern Surface Mounted Active Mic I would choose.

<http://www.toaelectronics.com/products/wired-microphones/am-1-array-microphone>

I'll be placing a proper 8-Output regulated power/surge DA in the Lectern to provide power to the Lectern Devices.

<http://www.furmansound.com/product.php?div=01&id=PL-PLUSDMC>

I'll be placing an equipment box in the ceiling tile where the current projector has been residing for the 1:8 HDMI DA.

<http://www.mounts.com/product?product=GB-AVSTOR3>

I'll use a DI box to send the unbalanced audio into the XLR Snake.

<http://whirlwindusa.com/catalog/black-boxes-effects-and-dis/direct-boxes/pcdi>

PTZ UPGRADE

1	\$699.00	\$699.00
0		\$0.00
0		\$0.00
1	\$1,499.00	\$1,499.00
0		\$0.00
0		\$0.00
0		\$0.00
4	\$349.00	\$1,396.00
6	\$199.00	\$1,194.00
14	\$0.50	\$7.00
2	\$39.00	\$78.00
0		\$0.00
0		\$0.00
1	\$1,499.00	\$1,499.00
0		\$0.00
0		\$0.00
1	\$249.00	\$249.00
0		\$0.00
0		\$0.00
1	\$339.00	\$339.00
0		\$0.00
0		\$0.00
1	\$159.00	\$159.00
0		\$0.00
0		\$0.00
0		\$0.00

As discovered, your cameras are HD capable by using the HDS DI ouput. That will require new camera cables from the 3 cameras in the chamber. Then we would run a much longer HDS DI cable back to the Rack Room and convert down to Component for the Granicus.

	0		\$0.00
	0		\$0.00
3x HDS DI CABLES \$129EA	3	\$129.00	\$387.00
3x SERIAL ADAPTERS \$19 EA	3	\$19.00	\$57.00
1x PRODUCTIONVIEW-HDS DIMV \$7549	1	\$7,549.00	\$7,549.00
1x LONG RUN HDS DI CABLE \$259	1	\$259.00	\$259.00
1x HDS DI TO ANALOG COMPONENT CONVERTER \$189 (UNLESS YOU ARE CONVERTING THE GRANICUS TO ACCEPT HDS DI)	1	\$189.00	\$189.00
CUSTOMIZED APP FOR IPAD CONTROL OVER SWITCHING SYSTEM TO DISPLAYS (POWER UP / PO	1	\$2,250.00	\$2,250.00
My feeling is that the easiest means to manage control and switching all-in-one control surface would be with this panel from Vaddio like this model:	0		\$0.00
http://www.vaddio.com/product/productionview_hd-sdi_mv	0		\$0.00
1x PRODUCTIONVIEW -TOUCH	1	\$1,249.00	\$1,249.00
INSTALLATION SERVICES	1	\$8,500.00	\$8,500.00

We will need to Convert the Granicus server to Digital to get the display quality to HD level when streaming.

We are trying to get this exchanged at no Charge.

Total	61		\$49,969.00
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To install everything this project will take 5 working days. We can start the project at anytime between sessions in the Chamber and the Conference room. We will be able to test the new system during that time. This will take the existing system from standard online videos to HD quality streaming media with an easy to use and consistent AV system quickly operated from a few clicks on an IPAD controller.

Item to Purchase	Quantity	Unit Price	Cost
The primary work in this room involves installing a 70" Display and to provide son dedicated wall mount speakers to adequetly hear it's output without touching the existing overhead speakers. Then we need to finalize the dual mic feed back to the Behringer X32 over CAT5 that was left disconnected. Then we want to send an additional HDMI and a VGA/AUD to the 70" Display and that will be using CAT5e kits as well. Lastly, we need to			
1x LC70LE661U \$189	1	\$3,500.00	\$3,500.00
1x OWI PWR WALL SPEAKER PAIR \$1	1	\$195.00	\$195.00
3x XMTR/RCVR OVER CAT5 KIT \$280 (AUDIO, HDMI, VGA/AU	3	\$280.00	\$840.00
1x LONG RUN HDSDI CABLE \$25	1	\$259.00	\$259.00
1x CABLE SETS FOR CAT5 KITS \$15	1	\$150.00	\$150.00
INSTALLATION \$1600	1	\$1,600.00	\$1,600.00
	0	\$0.00	\$0.00
SOFT TOUCH (AND REMOTE CONTROLLABLE) 8:8 BALACED AUDIO MATRIX SWITCH-	1	\$859.00	\$859.00
1x VS88A	0	\$0.00	\$0.00
http://www.kramerus.com/products/model.asp?pid=315&sf=48&pname=VS-88A	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
This item can be wired to replace the existing hardware switches that are used to senc	0	\$0.00	\$0.00
Audio 8 audio signals (4 from Mix-A and 4 from Mix-B to 4 location:	1	\$1,400.00	\$1,400.00
INSTALLATION	0		\$0.00
*IF YOU WANT TO MOVE AHEAD ON THIS I'D BRING IN ONE OF MY CUSTOM AUDIC			
TECHS TO REDO THIS SWITCH AND COMPLETELY REVIEW THE X32'S AND MAKE SURE			
WE "SOUND OUT" THE ROOMS	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
**NOTE THAT REMOTE CONTROL OF THIS MATRIX SWICTH CAN ALSO BE ADDED ONTO			
THE IPAD CONTROLLER PROJECT FOR \$750.	1	\$750.00	\$750.00
	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
Total Amoun	11		\$9,553.00