

Room AV System Install Expense Detail

FTL Metrolab

DMPS, room PC, Blu-ray player, Airmedia gateway all will be in room closet rack.

Wireless mic receivers in room closet rack

Lectern will have connections for laptop hdmi/mini-DisplayPort/USB-C, touchscreen monitor on ergotron arm, keyboard/mouse for PC

Display Equipment

QTY	Manufacturer	Model	Description	Unit Cost		Extended Cost	
1	Sony	VPL-FHZ120L	12,000 Lumens Laser WUXGA Multimedia Projector (1920X1200)	\$	13,500.00	\$	13,500.00
1	Sony	VPLL-Z4019	Medium throw lens (Confirm throw distance with screen size)	\$	2,800.00	\$	2,800.00
1	Chief	VCMU	Heavy Duty Universal Projector Mount, black	\$	255.00	\$	255.00
1	Chief	CMS0911W	9'-12' adjustable extension column, white	\$	140.00	\$	140.00
1	Chief	CMA-365	Truss ceiling adapter, black	\$	33.00	\$	33.00
1	Chief	CMA395W	Angled hard ceiling mounting plate, white	\$	46.00	\$	46.00
1	Draper	Screen	Electric Screen, w/ LV Control (Existing)	\$	-	\$	-
1	APC	AV C2	TYPE 10 WALL MOUNT POWER FILTER/REG for projector/flat panel displays	\$	99.75	\$	99.75
2	Crestron	DM-RMC-4K-SCALER-C	4K DM Receiver/Scaler	\$	900.00	\$	1,800.00
2	Crestron	CBL-HD-6	Crestron® Certified HDMI® Interface Cable, 6'	\$	27.00	\$	54.00
1	Planar	PCT2265	22" 1080p touchscreen monitor with VESA mount & USB hub	\$	390.00	\$	390.00
1	Ergotron	45241026	Movable arm for lectern monitor	\$	95.00	\$	95.00

Source Equipment

QTY	Manufacturer	Model	Description	Unit Cost		Extended Cost	
1	Dell	Optiplex 3040	Room PC w/ DisplayPort++ output (no monitor)	\$	700.00	\$	700.00
1	Middle Atlantic	MIDA-U2V	2RU Rack Shelf for PC	\$	44.11	\$	44.11
1	Middle Atlantic		Clamp kit for MA Rack Shelf	\$	18.12	\$	18.12
1	Startech	DP2HDMI	DisplayPort® to HDMI® Video Adapter Converter (for PC)	\$	25.20	\$	25.20
1	Sony	BDP-S1700	Blu-Ray Player (Existing equipment)	\$	-	\$	-
1	Middle Atlantic	RSH4S2S SONY BDPS1700	Custom Faceplate for BDP-S3200 Player (Existing equipment)	\$	-	\$	-
1	Crestron	DM-TX-201-C	DigitalMedia 8G+® Transmitter 201	\$	650.00	\$	650.00
1	Crestron	DM-TX-4KZ-302-C	4K DigitalMedia 8G+® Transmitter 302 (DisplayPort/HDMI/HDMI)	\$	1,100.00	\$	1,100.00

Control/Switching Equipment

QTY	Manufacturer	Model	Description	Unit Cost	Extended Cost
1	Crestron	DMPS3-4K-350-C-AIRMED	3-Series 4K DigitalMedia Presentation System 350 with AirMedia	\$ 5,800.00	\$ 5,800.00
1	Crestron	PW-4830DUS	150W PoDM Power Pack for DM 8G+® I/O Blades & DMPS3-4K-200/300-C	\$ 300.00	\$ 300.00
1	Crestron	CBL-HD-6	Crestron® Certified HDMI® Interface Cable, 6'	\$ 27.00	\$ 27.00
1	Crestron	CBL-HD-DVI-12	Crestron® Certified HDMI-DVI® Interface Cable, 12'	\$ 40.00	\$ 40.00
1	Startech	USB-EXT	USB over Twisted Pair Extender	\$ 387.20	\$ 387.20
2	Middle Atlantic	PD-915R	Rackmount Power Strips	\$ 84.11	\$ 168.22

User Interface Equipment

QTY	Manufacturer	Model	Description	Unit Cost	Extended Cost
1	Crestron	MP-B20-B-T	Media Presentation Button Panel	\$ 310.00	\$ 310.00
1	Crestron	MP/MPC/IPAC_FRONT_LAI	Custom Engravable Backlit Labels, Black	\$ 25.00	\$ 25.00
1	Crestron	TTK-MP/MPC/IPAC-B-T	TableTop Kit for MP	\$ 65.00	\$ 65.00

Audio Equipment

QTY	Manufacturer	Model	Description	Unit Cost	Extended Cost
1	AudioTechnica	ES915C21	Gooseneck Microphone	\$ 270.00	\$ 270.00
1	Revolabs	01-ELITEEXEC2	2 Channel Executive Elite™ system, w/o mics	\$ 1,200.00	\$ 1,200.00
2	Revolabs	01-ELITEMIC-WR	Wearable Executive Elite™ Microphone	\$ 400.00	\$ 800.00
1	Crestron	AMP-2210T	2x210W Commercial Power Amplifier, 4/8Ohm or 70/100V	\$ 750.00	\$ 750.00
2	Extron		Wall-Mounted Speakers, White (Existing)	\$ -	\$ -

Furniture, AV Interface Equipment

QTY	Manufacturer	Model	Description	Unit Cost	Extended Cost
1	Spectrum	Freedom One	Closet equipment rack	\$ 750.00	\$ 750.00
1	Spectrum	55212	Compact Presenter's Lectern (CPL)	\$ 990.00	\$ 990.00
1	Extron	60-583-14	Three-Gang MAAP Mounting Frame	\$ 87.50	\$ 87.50
1	Extron	70-296-11	One XLR 3-pin Female to Solder Cups - Neutrik	\$ 31.25	\$ 31.25
3	Extron	70-314-19	One RJ-45 Female to Punch Down – CAT 5e Neutrik EtherCon	\$ 43.75	\$ 131.25
3	Pro Co Sound	PCE1-20	ProCat 5 10/100 Base-T Ethernet Cable RJ-45/ EtherCon (20')	\$ 33.33	\$ 99.99
1	Kopul	M4020	Studio Elite 4000 Series XLR M to XLR F Microphone Cable - 20' (6.1 m), Black	\$ 13.87	\$ 13.87

1	Crestron	FT2-1200-ELEC-B	FlipTop™ FT2 Series, 1200 Size, Electrical, Black	\$	438.00	\$	438.00
1	Crestron	FT2A-PWR-US-3	AC Power Outlet Module for FT2 Series, Triple, US NEMA 5, Type B	\$	94.00	\$	94.00
1	Crestron	FT2A-CBLR-BRKT-1200	Mid-Row Cable Retractor Adapter Bracket for FT2-1200 Series	\$	38.00	\$	38.00
1	Crestron	FT2A-CBLR-1T-4K-HD	HDMI® to HDMI, 18Gbps, 5’ retracts, 4’ under table	\$	258.50	\$	258.50
1	Crestron	FT2A-CBLR-1T-4K-MDP-DP	Mini DisplayPort to DisplayPort, 5’ retracts, 4’ under table	\$	258.50	\$	258.50
1	Crestron	FT2A-CBLR-1T-4K-USBC-HD	USB-C to HDMI®, 18Gbps, 5’ retracts, 4’ under table	\$	258.50	\$	258.50
				Equipment Subtotal	\$	33,776.69	
				Electrical Estimate	\$	-	No electrical work
				Telecom Estimate	\$	-	No telecom work
				Installation Contractor Supplies	\$	1,500.00	
				Installation Contractor Labor (Includes lift rental expense)	\$	9,000.00	
				Project Total	\$	44,276.69	