

KCSM FM Air Studios, Equipment Room and Library/ingest area	Eqpm #	Qty #	Existing	New	Cost	Model #	Power					Plmb Req	Heat Load BTU/H	Rm Temp (hi-lo)	Humidity (hi-lo)	Comments
							Volts	Phase	Amps	Watts	Dedicated Ckt					
Air Studios (2 with identical equipment)					\$0				9805				68-74	30-50		
(2) CD players	1	2					115	1	0.87	100	no					
CD recorder	2						115	1	0.87	100	no					
Console and Power Supply	3						115	1	2.609	300	no					
Audio Power Amp for monitors	4						115	1	1.739	200	no					
Audio Amp for Cue	5						115	1	0.435	50	no					
Audio Amp for Headphones	6						115	1	0.652	75	no					
(4) Computer Monitors	7	4					115	1	5.217	600	no					
(4) Console Audio Interfaces	8	4					115	1	5.217	600	no					
(4) Microphone preamps	9	4					115	1	3.478	400	no					
Telephone interface	10						115	1	0.87	100	no					
Remote Modulation Monitor display	11						115	1	0.435	50	no					
ISDN interface	12						115	1	1.304	150	no					
Other audio equipment	13						115	1	4.348	500	no					
Other interface equipment	14						115	1	4.348	500	no					
UPS	15						115	1	1.739	200	yes					
Video Monitor	16						115	1	1.739	200	no					
Humidifier (part of air conditioning design)	17										no	Maybe			Needed to fix the static issue!	
Dimmable "mood" lights (LED/Halogen?)	18	8					115	1	6.957	800	no					
TV production lights	19	4					115	1	34.78	4000	no					
Overhead work lights (fluorescent)	20	8					115	1	7.652	880	no				special TV Fluorescent	
0-1 person up to 3-5 occasionally	21															
Equipment Room					\$0				16750				68-72			
Satellite Receivers	22		x				115	1	4.348	500	no					
(4) server class computers	23	4					115	1	26.09	3000	no					
(1) drive array	24						115	1	6.522	750	no					
(8) workstation class computers	25	8					115	1	17.39	2000	no					
main network router	26						115	1	2.609	300	no					
(5) small routers	27	5					115	1	4.348	500	no					
(4) computer monitors	28	4					115	1	5.217	600	no					
KVM system	29						115	1	1.739	200	no					
EAS equipment	30		x				115	1	1.739	200	no					
mod monitor	31						115	1	2.174	250	no					
audio monitor amp	32						115	1	1.739	200	no					
(4) audio processing	33	4					115	1	8.696	1000	no					
(2) console/audio router chassis	34	2					115	1	5.217	600	no					
(8) audio interfaces	35	8					115	1	6.957	800	no					
misc audio equipment	36						115	1	6.522	750	no					
misc interface equipment	37						115	1	4.348	500	no					
test equipment	38						115	1	4.348	500	no					
soldering station, heat gun, drill, etc (occasional use)	39						115	1	8.696	1000	no					
UPS --one per rack (5) or at idle	40	5					115	1	8.696	1000	no					
overhead room lights (fluorescent)	41						115	1	4.348	500	no					
task lighting	42	8					115	1	6.957	800	no					
0-2 people							115	1	6.957	800						
Library/Ingest/Browsing Room					\$0				4210				68-74			
computer with DAW	43						115	1	2.174	250	no					

