



Access MLS Media Retrieval Equipment Selection Guide

Rev 1.12

***Periodically check the Class Connection™ web site for document updates -
<http://www.class-connection.com>***

Part Number	Description	Quantity	Note	RU
VC-AMS	Access Media Server	1	One required per system.	4
VC-MBS	Carousel Server	1 if required	Add one for video bulletin board functionality	2
VC-DVS	Digital Video Server	1 if required	Add one if the system requires 1 through 20 channels of digital video content. Includes one VC-HDU 100 GB Hard Drive and one VC-4VC 4 Channel Video Card.	4
VC-HDU	Additional 100 GB Hard Drive	1 if required	Add up to 3 per VC-DVS. Each provides storage for up to 60 hours (@3 Mb/s) of digital video storage.	
VC-VES	MPEG Encoding Server	1 if required	Add the VC-VES if system requirements include the capability of encoding NTSC video from VCRs, DVD players, etc. to MPEG 2 format.	4
VC-4VC	Additional 4 Channel Video Card	1 - 4 as required	If using the VC-DVS Digital Video Server, up to 4 VC-4VCs may be added to increase the number of simultaneous video streams available by 4 per VC-4VC.	
VC-BOP	Video Card Breakout Panel	1 – 4 as required	Add one VC-BOP per VC-4VC Video card and one for the VC-4VC preinstalled in the VC-DVS.	2
VC-ABC	Video Device Controller	1	Add one to systems that will be using IR or RS-232 controllable VCRs, DVD players, etc. Controls up to 6 IR and 4 RS-232 devices. Comes with 4 VC-IRE infrared emitters.	3
VC-ADC	Video Device Controller Expansion	1 - 16 as required	Add, as required, to systems that will exceed the capabilities of the VC-ABC Device Controller. Each adds control for an additional 6 IR and 6 RS-232 devices. Comes with 4 VC-IRE infrared emitters.	3
VC-IRE	Infrared Emitter	As Required	Add, as required, for additional IR controlled devices.	
VC-TNC	TV Network Controller	1	One required per system	1
VC-STC-R	RCA Smart TV Controller	As required	Add one for each Smart TV, projector and or plasma display to be controlled	
VC-STC-Z	Zenith Smart TV Controller			
VC-STC-P	Phillips Smart TV Controller			
VC-STC-ZS	Zenith Slot Smart TV Controller			
VC-VDC	Controller for Projectors and Plasma Displays			
VC-ACT	Agile Cable Tuner	As Required	Add one for each cherry picked cable TV channel	
VC-TVC	Non-Smart TV Controller	As required	Add one for each Non-Smart TV to be controlled	
VC-IRR	Remote Controller	As required	Add one per VC-STC. The VC-TVC includes a remote.	
VC-RCA-32	RCA 32" Smart TV	As required		
VC-ZEN-32	Zenith 32" Smart TV	As required		
VC-ZEN-27	Zenith 27" Smart TV	As required		

Site Specific Blonder Tongue p/ns				RU
OC-8d	8 Port Combiner	As required	Add a combiner that will provide: one port for each MICM-45B Modulator one port for sub band television control one port for each broadband cable TV feed	1
OC-12d	12 Port Combiner	As required		
OC-16d	16 Port Combiner	As required		
MICM-45B	Channel Modulator	As required	Add four modulators for: a) each VC-4VC Add one modulator for: b) each video source (VCR, DVD, etc.) c) each remote origination cart d) the Carousel Server (if applicable) e) each MIDM-750B Demodulator	2
MIRC-12V	Modulator Mounting Rack	As required	Provides mounting for up to 12 MICM-45B Modulators and /or MIDM-750B Demodulators	
MIPS-12C	Modulator Power Supply	As required	Add one for each MIRC-12V.	
MIDM-750B	Channel Demodulator	As required	Add one for each cable television channel that will be "cherry picked" and rebroadcast on a different channel.	
RMDA-450-30	Rack Mount 30dB 450 MHZ Broadband Amplifier	As required	Each system will require one or more video distribution amplifiers. The selection will be based upon each system's unique requirement as determined by the broadband design. These are available in wall mount and rack mount styles. Note: These amplifier offer a frequency range of 47 – 450 MHZ (channels 2 through 61)	1
RMDA-450-50	Rack Mount 50dB 450 MHZ Broadband Amplifier	As required		
BIDA-450-30	BIDA Wall Mount 30dB 450 MHZ Broadband Amplifier	As required		
BIDA-450-50	BIDA Wall Mount 50dB 450 MHZ Broadband Amplifier	As required		
BIDA-FA	BIDA AMP Fixed Attenuator	As required	Pads the input signal for BIDA amplifiers by 1 – 20 dB.	
BIDA-EQ	BIDA AMP Equalizer	As required	If slope correction is required in your system add one of these 3, 6, 9, 12, 15 or 18 dB equalizers as required for each BIDA amp requiring correction of a tilted input broadband signal.	
BIDA-RA	BIDA AMP Return Amplifier	As required	Required for sub band signaling. Add one for each BIDA-450-30 or BIDA-450-50.	
AD-1 Option 17	Sub-Band Demodulator	As required	Remote origination carts include a sub-band demodulator.	
	Diplexer	1 or more	Add one for sub band television control. Remote origination carts include a diplexer.	

Refer to the Important Notes document, found in the dealer section of www.class-connection.com for a list of items commonly forgotten when configuring an Access MLS system.

Please verify all configurations by faxing a copy to Class Connection Product Support – 540-362-9800