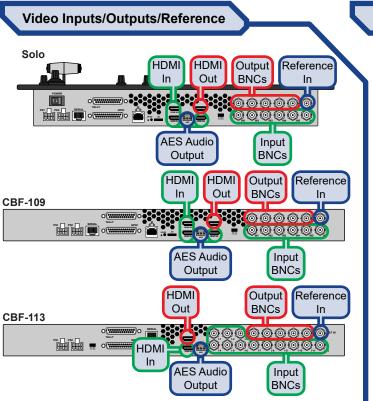
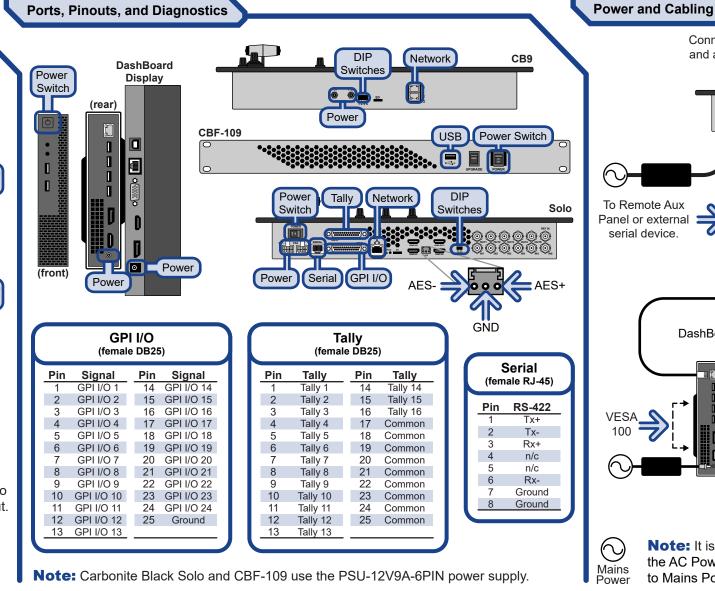
Installation and Cabling



Notes:

- The MultiViewer is assigned to output BNC 5 or HDMI Out.
- Only Media-Store audio can be output on the AES audio output. Audio is not embedded in the MultiViewer output.
- HDMI output formats are the same as the switcher is operating in. No format conversion is applied to the output.



	Fower and Cabing	
	Connect Program, Preview, and aux outputs as needed	Connect external reference or use
		internal reference
	POWER O (
		Connect video
0	l a - J I	inputs as needed
Solo	To Remote Aux Panel or external	P51 P52
	serial device.	
S+		San Malti-Daniel and Van
	Ethernet	For MultiPanel and/or Connecting to CB9
	DashBoard Display	Black Cable Adapter between
		Serial port on switcher and RJ12 Telco Cable
	To OSD Remote	10m RJ12
-	VESA 100 Remote	Nothitic Adx 1 and
Ш		
- 11		
IJ		To more
	Note: It is recommended that you a	(C) Remote
	Mains Power Adapter to the device to Mains Power to Mains Power.	

Specifications

HDMI Input Formats
VGA 640×480 (4:3)
SVGA 800×600 (4:3)
XGA 1024×769 (4:3)
SXGA 1280×1024 (5:4)
720p 1280×720 (16:9)
1080i 1920×1080 (16:9)
1080p 1920×1080 (16:9)

SDI Input Formats	
480i 59.94Hz	
576i 50Hz	
720p 59.94Hz	
720p 50Hz	
1080i 59.94Hz	
1080i 50Hz	
1080pSF 23.98Hz	
1080pSF 25Hz	
1080pSF 29.97Hz	
1080p 29.97Hz	
1080p 25Hz	
1080p 50Hz Level A	
1080p 59.94Hz Level A	

Default Values		
Frame IP	192.168.0.123	
FTP User name	user	
FTP Password	password	
Tally Rating		
Input Voltage:		
iliput voitage.	24VAC (rms) / 40VDC	
Maximum Current:	24VAC (rms) / 40VDC 120mA	

	Temperature
Operating:	0 - 40°C (32 - 104°F)
Storage:	-20 - 85°C (-4 - 185°F)

Power Consumption			
Solo	57W 4.75A 12V		
CBF-109	45W 3.75A 12V		
CBF-113	48W 4.00A 12V		
CB9	24W 2.00A 12V		
Input Voltages			
All 100 - 120V			
	220 - 240V~		

47-63Hz

Equalization	>100m @ 1.5 Gb/s
using Belden 1694 cable)	>300m @ 270 Mb/s (5°-40°C)
mpedance	75 ohm, terminating
Video Inputs, SDI	SMPTE 259M/292M serial digital (non-looping)
Video Inputs, HDMI	HDMI 1.4 High Speed HDMI Cable (Max 10m
Reference Inputs (non-terminating, looping)	Standard Definition — analog black High Definition — tri-level sync

Video Output Specifications		
Return Loss	< -23dB at 1.5GHz	
	< -18dB at 3GHz	
Rise and Fall Time	800ps +/- 10% (SD)	
	240ps +/- 10% (HD)	
Signal Level	800mV +/- 10%	
DC Offset	0 Volts	
Overshoot	< 10%	
SDI HD Mode	10-bit SMPTE-292M serial digital	
HDMI	HDMI 1.4	
	High Speed HDMI Cable	

AES Output Specifications		
Audio Depth	24-bit in HD	
	20-bit in SD	
Channels	1 Stereo Pair	
File Format	Multi-Channel Waveform Audio File	
Impedance	110 Ohms, differential	
Min/Max Output Voltage Swing	1.5/6V peak-to-peak	
Rise and Fall Times	20ns (typical)	
Sample Rate	48kHz	
Synchronization	Locked to Video	



