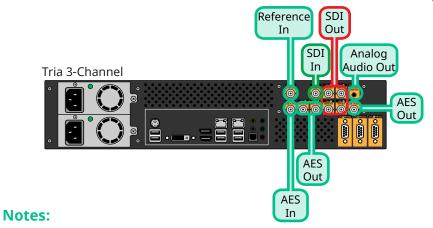
Installation and Cabling

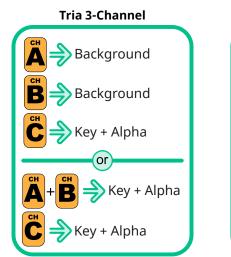
Power and Control Cabling



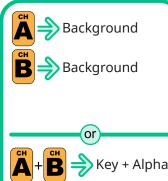


- Only Channel A can record.
- The number of SDI and AES inputs and outputs depends on the model of server you have.
- If you are recording from, or playing into, an external device you must have all devices connected to the same reference signal to ensure proper timing.

Channel Configurations



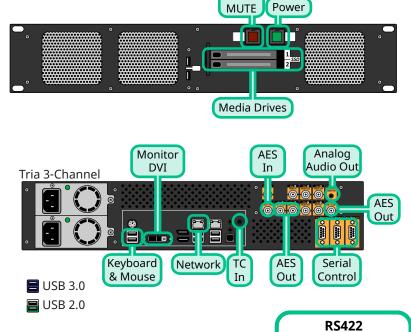
Tria 2-Channel



Notes:

- Channels A and B can be two independent video channel transports, or they can be linked as Video (Channel A) and Alpha (Channel B) for a keyed (Auto Select Key) video output.
- Channel C on the Tria 3-Channel has a dedicated video and alpha (key) output.

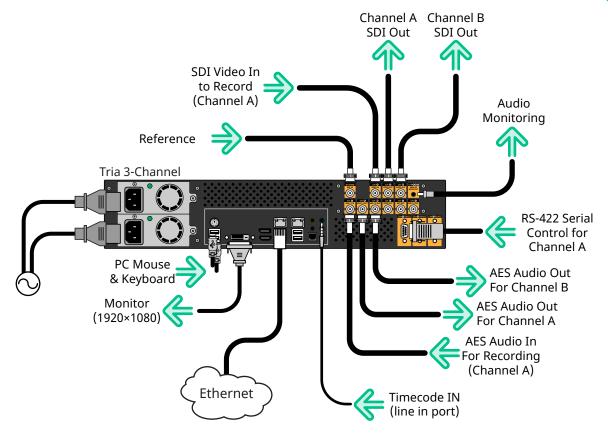
Ports, Pinouts, and Diagnostics



Notes:

- Each Serial Control port is dedicated to a channel transport.
- Both RS-422 serial and ethernet control are supported for remote control.
- The TC In (LINE IN) audio port is used for TC Chase.

Serial Control R\$422 (female DB9) Signal Gnd TxRx+ Rx Gnd n/c Tx Gnd Tx+ Rx-



Note: It is recommended that you always connect

the AC Power Adapter to the device before

connecting to Mains Power.

Specifications

SDI Video Formats	
525i (480i) 59.94Hz	
625i (576i) 50Hz	
720p 59.94Hz	
720p 50Hz	
1080i 59.94Hz	
1080i 50Hz	

Native Codec

2

vare dependent)				
ression @ 25M to 2	200M			
or				
00 @ 100M				
Default Passwords Windows Abekas				
Abekas				
multiflex				
Input Voltages				
T VOITAGES				

Operating Environment Temperature: 20 - 35°C (68 - 95°F)

3 to 1.5A

Video Inputs, HD-SDI
Video Inputs, SD-SDI
SMPTE 292M 10-bit at 1.5Gb/s
SMPTE 259M 10-bit at 270Mb/s
Embedded Audio, HD-SDI 8 Tracks, 48kHz at 24-bit
Embedded Audio, SD-SDI 4 Tracks, 48kHz at 20-bit
AES Discrete Audio 2 Tracks (1 stereo pair), 48kHz at 24-bit
Reference Input Tri-Level HD or Composite Analog
SD; Terminating

Video/Audio Input Specifications

Mains

Video/Audio Output Specifications			
Video Outputs, HD-SDI	SMPTE 292M 10-bit at 1.5Gb/s		
Video Outputs, SD-SDI	SMPTE 259M 10-bit at 270Mb/s		
Embedded Audio, HD-SDI	8 Tracks, 48kHz at 24-bit		
Embedded Audio, SD-SDI	4 Tracks, 48kHz at 20-bit		
AES Audio	2 Tracks (1 stereo pair), 48kHz at 24-bit		
Analog Audio Monitoring	3.5mm headphone connector, unbalanced, line-level at -10dBv, 2		
	Tracks (1 stereo pair), user		



