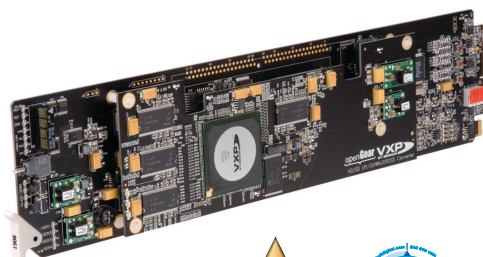


9061 » UP/DOWN/CROSS CONVERTER

with Analog/SDI Input, Audio Embed/De-Embed, Frame Sync, Timecode and Closed Caption Support

OPTIONS

Audio Mixing (+AMx), Loudness Metering (+LM-C), Linear Acoustic® Upmixing (+UM), LTC In/Out (+LTC)



The 9061 offers full-feature HD/SD format conversion (including analog-to-digital conversions using 12-bit conversion depth), HD/SD-SDI and analog video inputs, video proc, full audio embed/de-embed, crosspoint, and level control (with analog and AES discrete audio inputs), and frame sync with video/audio offset.

The 9061 additionally provides AFD functions that detect the incoming AFD code, allow independent custom ARC to be applied for each incoming AFD code, and set the desired AFD code to be inserted on the output, even if there is no code detected on the input. Closed captions and timecode are preserved through up, down, and cross conversions. 708/608 CC data is extracted from the SDI stream and converted to line 21 data on a down-conversion, and inserted into the SDI stream on an up-conversion. The 9061 features full user remote and card-edge proc control with user memory that allows adjustment of white level, black level, color gain, color phase, audio levels, audio routing, frame sync, and many other controls. Factory presets enable a return to factory settings.

» FEATURES

HD/SD universal analog and digital inputs

Differential analog video inputs for power hum rejection

5-line adaptive comb filter for SD-Composite mode

Up, down, cross and aspect ratio conversion

3:2 pulldown and reverse 3:2 pulldown conversion Detail enhancement and noise reduction

Selectable safe action, safe title, and center cross overlays

Timecode insertion/conversion from SDI input and analog video input sources. +LTC option allows LTC input/output on shared port, with bi-directional conversion between VBI and LTC on RS-485 or any audio I/O.

Analog and AES audio inputs and AES output

24-bit audio embedding and de-embedding

Audio channel mapping, down-mixing, and level control

24-bit analog audio conversion

Audio embed adaptive SRC allows asynchronous 48 kHz AES audio to automatically sync with card 48 kHz timing for glitch-free AES embedding

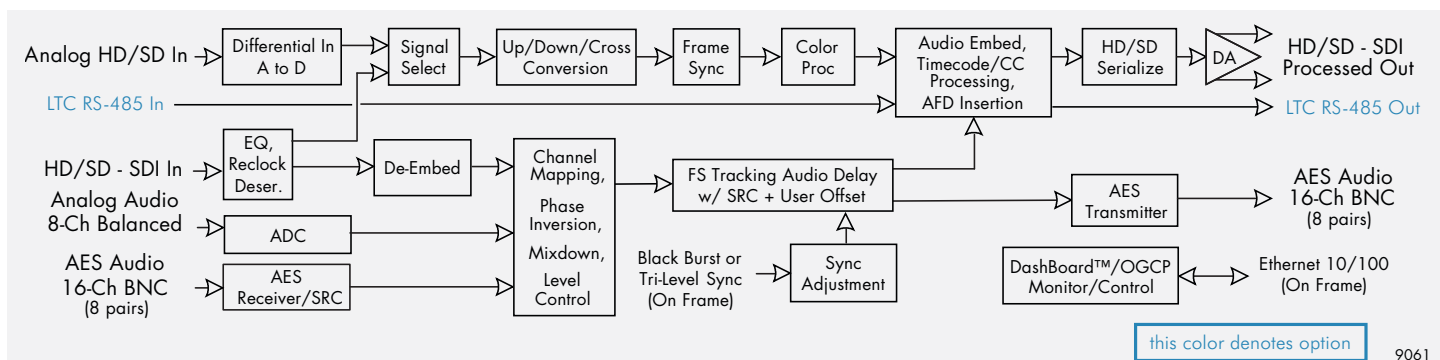
AFD code insertion/AFD ARC Control

Audio offset adjustment for lip-sync alignment Frame sync with up to 13 frames of user adjustable delay HD/SD closed captioning support and flexible timecode processing

Remote control/monitoring via DashBoard™ software or OGCP-9000 control panel

16 user presets

Five year warranty



9061

» ORDERING INFORMATION

9061 Up/Down/Cross Converter with Analog/SDI Input, Audio Embed/De-Embed, Frame Sync, Timecode, Closed Caption Support

RM20-9061-A 20-Slot Frame Rear I/O Module (Standard Width) Analog and Digital Video Input, 4 AES In/Out BNCs, and 2 SDI Output BNCs

RM20-9061-B 20-Slot Frame Rear I/O Module (Standard Width) Analog and Digital Video Input, 4 Analog Audio Inputs, and 2 SDI Output BNCs

RM20-9061-C 20-Slot Frame Rear I/O Module (Double Width) Analog and Digital Video Input, 2 AES In BNCs, 4 AES In/Out BNCs, 8 Analog Audio Inputs, and 2 SDI Output BNCs

RM20-9061-D 20-Slot Frame Rear I/O Module (Double Width) Digital Video Input, 4 AES In BNCs, 4 AES In/Out BNCs, 8 AES Out BNCs, and 2 SDI Output BNCs

RM20-9061-E 20-Slot Frame Rear I/O Module (Double Width) Analog and Digital Video Input, 4 AES In BNCs, 4 AES In/Out BNCs, 6 AES Out BNCs, and 2 SDI Output BNCs

RM20-9061-F 20-Slot Frame Rear I/O Module (Double Width) Analog and Digital Video In, 4 AES In/Out BNCs, 8 Analog Audio In, RS-485 LTC / Metadata I/O Port, and 2 SDI Output BNCs

RM20-9061-G 20-Slot Frame Rear I/O Module (Triple Width) Analog and Digital Video In, 8 AES In BNCs, 8 AES Out BNCs, 8 Analog Audio In, and 2 SDI Output BNCs

RM20-9061-E-HDBNC 20-Slot Frame Rear I/O Module (Standard Width) Analog and Digital Video Input, 4 AES In, 4 AES In/Out, 6 AES Out, and 2 SDI Output (all connectors HD-BNC)

RM20-9061-E-DIN 20-Slot Frame Rear I/O Module (Standard Width) Analog and Digital Video Input, 4 AES In, 4 AES In/Out, 6 AES Out, and 2 SDI Output (all connectors DIN1.0/2.3)



AES OUT 1	AES OUT 2	SDI IN	Y/C/M/PT
AES OUT 3	AES OUT 4	Pr/C	Pb
AES OUT 5	AES OUT 6	AES I/O 1	AES I/O 2
AES IN 5	AES IN 6	AES I/O 3	AES I/O 4
AES IN 7	AES IN 8	SDI OUT 1	SDI OUT 2

 RS-485		 SDI IN		 Y/CMPST	
 AN-AUD IN 1		 Pr/C		 Pb	
 AN-AUD IN 2		 AES I/O 1		 AES I/O 2	
 AN-AUD IN 3		 AES I/O 3		 AES I/O 4	
 AN-AUD IN 4		 SDI OUT 1		 SDI OUT 2	
 AN-AUD IN 5					
 AN-AUD IN 6					
 AN-AUD IN 7					
 AN-AUD IN 8					

					
AES OUT 7	AES OUT 8	AES OUT 1	AES OUT 2	SDI IN	Y/CMP/S
					
AN-AUD IN 1	AN-AUD IN 2	AES OUT 3	AES OUT 4	Pr/C	Pb
					
AN-AUD IN 3	AN-AUD IN 4	AES OUT 5	AES OUT 6	AES I/O 1	AES I/O 2
					
AN-AUD IN 5	AN-AUD IN 6	AES IN 5	AES IN 6	AES I/O 3	AES I/O 4
					
AN-AUD IN 7	AN-AUD IN 8	AES IN 7	AES IN 8	SDI OUT 1	SDI OUT 2

Figure 1: A schematic diagram of a 16-channel video switcher. The diagram shows a 4x4 grid of input and output channels. Inputs are labeled Pb IN, Pr/C IN, I/O 1, I/O 3, IN 6, IN 7, SDI IN, Y/Cmpst IN, I/O 2, I/O 5, IN 8, and IN 9. Outputs are labeled OUT 1, OUT 2, OUT 3, OUT 4, OUT 5, OUT 6, and SDI OUT. A central 'AN VID IN' block is connected to the first two columns. An 'AES' block is connected to the third and fourth columns. The 'SDI IN' and 'SDI OUT' blocks are connected to the top and bottom rows respectively.

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