

Model	4K (9Gbps)	4K (HDR 18Gbps)	8K (HDR 40Gbps)	HDBaseT	Scalers	EDID MGMT	Switch Speed (Avg Sec)	Audio Extraction Modes	Audio Ports	Audio Codecs (On HDMI or HDBT)	Audio Codecs (Extracted)	Dolby/DTS to 2 CH Downmix
AC-MX-88X	Yes	Yes	Yes	No	Yes (only downscalers)	Yes	5	Bind to Output	Toslink/Analog L/R	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	Toslink: LPCM up to 5.1 96KHz 24 Bit, Dolby Digital 5.1, DTS HiRes Audio Analog L/R: 2Ch PCM	Use AC-AVDM-AUHD
AC-MX-42X	Yes	Yes	Yes	No	Yes (only downscalers)	Yes	5	Bind to Output	Toslink/Analog L/R	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	Toslink: LPCM up to 5.1 96KHz 24 Bit, Dolby Digital 5.1, DTS HiRes Audio Analog L/R: 2Ch PCM	Use AC-AVDM-AUHD
AC-MX-42	Yes	Yes	No	No	Yes (one)	Yes	5	Bind to Output	SPDIF Optical/Stereo RCA	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Use AC-AVDM-AUHD
AC-MX-82	Yes	Yes	No	No	Yes (one)	Yes	5	Bind to Output	SPDIF Optical/Stereo RCA	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Use AC-AVDM-AUHD
AC-MX-44	Yes	Yes	No	No	Yes	Yes	5	Bind to In/Out Matrix	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Use AC-AVDM-AUHD
AC-MX-44HDBT	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Use AC-AVDM-AUHD
AC-MX-88	Yes	Yes	No	No	Yes	Yes	5	Bind to In/Out Matrix	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
AC-MX-88HDBT	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
AC-MX-1616	Yes	Yes	No	No	No	Yes	3	Bind to In/Out Matrix	5-pin terminal block (Balanced)	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	2CH PCM	Use AC-AVDM-AUHD
AXION Matrix Switchers												
AC-AXION-4	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM up to 6CH	Built-in downmixers on each input
AC-AXION-8	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Built-in downmixers on each input
AC-AXION-X (Customizable 16x16 Chassis)	Yes	Yes	No	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	Bind to In/Out Matrix	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use Downmixing Input Card
ConferX Matrix Switchers												
AC-CX42-AUHD	Yes	Yes	No	Yes	Yes (one)	Yes	5	Bind to Output	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	N/A
AC-CX62-AUHD	Yes	Yes	No	Yes	Yes (one)	Yes	5	Bind to Output	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	N/A
AC-CXMF62-AUHD	Yes	Yes	No	Yes	Yes (HDBT - Downscaled)	Yes	5	Bind to Output	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	N/A
AC-CX84-AUHD	Yes	Yes	No	Yes	Yes (HDBT - Downscaled) (HDMI - Upscaled)	Yes	5	Bind to In/Out Matrix	5-pin terminal block (Balanced) & SPDIF Optical	Uncompressed PCM, DD, DD+, Dolby MAT, Dolby TrueHD, Dolby Atmos (All Formats), DTS, DTS-HR, DTS MA, DTS:X	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	N/A

***THE 44/88/1616 HDBT MATRIX SWITCHERS WILL ONLY UPSCALE HD -> 4K ON THE HDMI OUTPUT AND WILL ONLY DOWNSCALE 4K -> HD ON THE HDBT OUTPUT**