

EDIUS 7 Support Information for Matrox NLE Hardware

*Please install Matrox Mtx.utils v7.5.1 to use the hardware with EDIUS

Function	MXO2LE	MXO2mini	MXO2	MXO2Rack	Mojito MAX
10-bit depth support	Yes	Yes	Yes	Yes	Yes
2K(2048x1556) support	-	-	-	-	-
4K support	-	-	-	-	-
TC Input	-	-	-	-	-
TC Output	-	-	-	-	-
Capture with ANC data	-	-	-	-	-
Ancillary Data thru out	-	-	-	-	-
Stereoscopic support	-	-	-	-	-
Deck Control Support	-	-	-	-	-
External REF Input	Yes (BB or Tri)	-	Yes (BB or Tri)	Yes (BB or Tri)	Yes (BB or Tri)
Max Audio ch/bit	16ch*2 / 24bit*1	8ch / 24bit*1	16ch*2 / 24bit*1	16ch*2 / 24bit*1	16ch*2 / 24bit*1
Windows 8 support	-	-	-	-	-

*1 Max audio channel vary depending on I/O port type

*2 16ch is only supported in SDI embedded output

NOTE:

- EDIUS needs to be updated to Version 7.3 or later to use MXO2, MXO2 Rack or Mojito MAX.
- MAX H.264 hardware encoder function not supported.

EDIUS 7 Supported Format for Matrox Hardware

H/W Model Name		Video		Audio
		Interface	Supported Format	Available Interface & Max Audio Ch
MXO2LE	In	SDI	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	SDI embedded: 8ch Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
		HDMI	1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
	Out	SDI	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	SDI embedded: 16ch Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
		HDMI	1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch

H/W Model Name		Video		Audio
		Interface	Supported Format	Available Interface & Max Audio Ch
MXO2 Mini	In	HDMI	1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch Unbalanced Analog Audio: 2ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94i, 720x576/50i	Unbalanced Analog Audio: 2ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	Unbalanced Analog Audio: 2ch
	Out	HDMI	1920x1080/29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch Unbalanced Analog Audio: 2ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94i, 720x576/50i	Unbalanced Analog Audio: 2ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	Unbalanced Analog Audio: 2ch

H/W Model Name		Video		Audio
		Interface	Supported Format	Available Interface & Max Audio Ch
MXO2	In	SDI	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	SDI embedded: 8ch AES/EBU: 2ch Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
		HDMI	1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch AES/EBU: 2ch Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	AES/EBU: 2ch Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	AES/EBU: 2ch Balanced Analog Audio: 2ch Unbalanced Analog Audio: 2ch
	Out	SDI	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	SDI embedded: 16ch AES/EBU: 2ch Balanced Analog Audio: 4ch Unbalanced Analog Audio: 6ch
		HDMI	1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch AES/EBU: 2ch Balanced Analog Audio: 4ch Unbalanced Analog Audio: 6ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	AES/EBU: 2ch Balanced Analog Audio: 4ch Unbalanced Analog Audio: 6ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	AES/EBU: 2ch Balanced Analog Audio: 4ch Unbalanced Analog Audio: 6ch

H/W Model Name		Video		Description
		Interface	Supported Format	Available Interface & Max Audio Ch
MXO2 Rack	In	SDI	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	SDI embedded: 8ch AES/EBU: 2ch Balanced Analog Audio: 2ch
		HDMI	1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch AES/EBU: 2ch Balanced Analog Audio: 2ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	Balanced Analog Audio: 2ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	Balanced Analog Audio: 2ch
	Out	SDI	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	SDI embedded: 16ch AES/EBU: 2ch Balanced Analog Audio: 2ch
		HDMI	1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch AES/EBU: 2ch Balanced Analog Audio: 2ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	Balanced Analog Audio: 2ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	Balanced Analog Audio: 2ch

H/W Model Name		Interface	Supported Format	Description
Mojito MAX	In	SDI	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	SDI embedded: 8ch AES/EBU: 2ch Balanced Analog Audio: 2ch
		HDMI	1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch AES/EBU: 2ch Balanced Analog Audio: 2ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	AES/EBU: 2ch Balanced Analog Audio: 2ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	AES/EBU: 2ch Balanced Analog Audio: 2ch
	Out	SDI	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	SDI embedded: 16ch AES/EBU: 2ch Balanced Analog Audio: 4ch Unbalanced Analog Audio: 2ch
		HDMI	1920x1080/30, 29.97, 25, 24, 23.98p 1920x1080/59.94, 50i 1280x720/59.94, 50p	HDMI embedded: 8ch AES/EBU: 2ch Balanced Analog Audio: 4ch Unbalanced Analog Audio: 2ch
		Component	1920x1080/30, 29.97, 25, 24, 23.98PsF 1920x1080/59.94, 50i 1280x720/59.94, 50p 720x486/59.94, 720x576/50i	AES/EBU: 2ch Balanced Analog Audio: 2ch
		S-Video & Composite	720x486/59.94i, 720x576/50i	AES/EBU: 2ch Balanced Analog Audio: 2ch