

8 way Multiplexer

■ MXA 107 MULTIPLEXER

The new **MXA 107** Multiplexer is placed in a 19" 1RU chassis. This unit is designed for today's and future digital broadband, broadcast and playout applications. The **MXA 107** allows multiplexing of single and multi program transport streams from 8 ASI inputs to two independently operating ASI output transport streams.

The input capacities for each ASI port are 256 PID's @ 130 Mbit/s.
The output capacities are 512 PID's @ 90 Mbit/s (64 PID's taken from each ASI input).

Specially designed software avoids unauthorized access and provides a measurement option to evaluate output data rates in real time.

The **MXA 107** is equipped for remote and on site access/control and can be integrated in any IP administration structure via Ethernet interface. A local configuration is possible via front panel.



- Flexible and reliable Multiplexer for all digital network architectures
- Receiving, Processing & Multiplexing of 8 ASI transport streams
- Two independent ASI outputs (512 PID's @ 90 Mbit/s) enables
- delivery of max. 4 QAM channels
- 256 PID's @ 130 Mbit/s per ASI Input maximum
- PSI-/ SI processing, PID remapping, PID editor
- Easy and secure remote and on site configuration

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Technical Specification

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ASI Input	
Interface	8 Standard ASI Ports
Impedance	75 Ω
Data rate	up to 130 Mbps
Max. PID per input	256
Input packet length	188 or 204 bytes
Connector	BNC socket
Control port	
Ethernet	RJ 45
ASI Output	
Output interface	2 independent multiplexed ASI Output, Ports in pairs
Connector	BNC socket
Impedance	75 Ω
Output packet length	188 bytes
Data rate max	2 x 90 Mbps

Control/Data/Monitor	
Local	7 front panel keypads
Display	LCD
Remote	Ethernet (TCP/IP)
Software Updates	
Remote	via Ethernet (TCP/IP)
Operating parameter	
Power	85...264 V, 50/60 Hz
Power consumption	30 W

ORDERING INFORMATION		
TYPE	ORDER#	DESCRIPTION
MXA 107	0161.81	8 way Multiplexer 2 x ASI-TS



Your BLANKOM Partner



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Associated BLANKOM Products

- EMA 207 4-way MPEG Encoder/Multiplexer
- VEA 107 3-way MPEG Encoder/Multiplexer
- AMA 299 QAM Modulator
- SCA 107 DVB Scrambler
- DRP 3xx 8PSK/QPSK, COFDM, QAM, ASI - Receivers/Decoders
- DRD 694 TWIN 8PSK/QPSK Receiver with 2 ASI and GigE outputs
- DIP 120/1021 ASI ⇔ IP Gateways (Bi-directional)
- ITB 100 Modular ASI ⇔ IP Transcoder (Bi-directional)
- EQM 10x Edge QAM Modulator (IP to 24 x QAM/RF)