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ISO 9001:2000
 Certified

MX430-101

8 X 8 HDMI Matrix Switcher



- HDMI V1.3 and HDCP V1.1 (for Digital Content Protection)
- Regenerated/Reclocked Output Signals for Superior Image Quality
- EDID Internal / External
- 6 Programmable Preset Configurations
- IR Controllable (Remote Included)
- RS-232 Controllable
- Front Panel Standard

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[User Guide](#)
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General. The **MX430-101** is an 8x8 HDMI Matrix Switcher, supporting HDMI V1.3 and HDCP V1.1 for content protection. This switcher has 8 inputs. Any input can be simultaneously distributed to any one output, all eight outputs, or any combination of outputs with little to no signal degradation.

Control. Using standard RS-232 or Infra-Red, optical or digital, the MX430-101 can be controlled through an external source or through the unit's front panel. The MX430-101 utilizes the standard Altinex serial protocol similar to all other MultiTasker products. Front panel control includes six programmable "snap-shot" configurations.

EDID. The MX430-101 provides two methods of identifying monitor resolutions. In TV Mode, the MX430-101 connects the input with the first HDMI recognized output starting at Output 1 through Output 4. In Standard Mode, the MX430-101 pulls EDID resolutions from an internal table.

Content Protection. Fully HDCP compliant, the MX430-101 provides individual key management on each output.

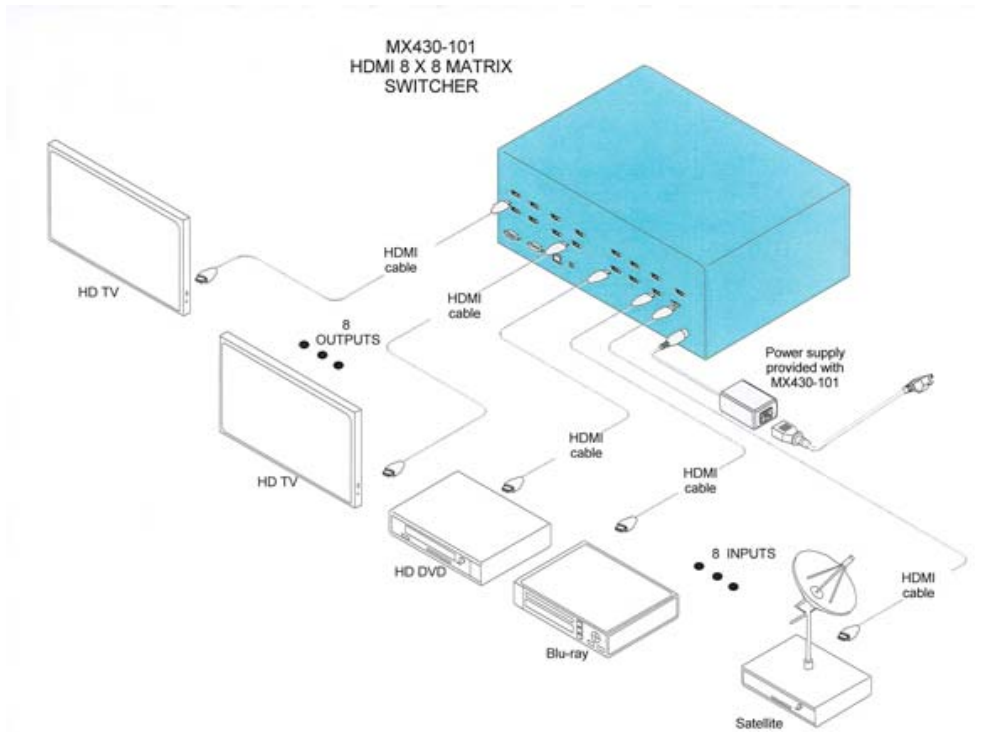
Cabling. The MX430-101 regenerates each outbound signal. This is important when signals are distributed from the matrix a significant distance. Altinex recommends not exceeding 33 ft on the input or output of the MX430-101.

Specifications

GENERAL	ELECTRICAL
Input Connectors	Power Consumption
Digital Video: (8) 19pin HDMI, female	External Adapter: +24VDC, 4.2A (100W Max)
Power: (1) +24V, DC	Compatibility
Output Connectors	HDMI: V1.3 with Deep Color
Digital Video: (8) 19pin HDMI, female	HDCP: V1.1
Control Connectors	DVI: V1.0
RS-232: (1) DB-9	Resolutions, PC: VGA - UXGA
IR: (1) 3.5mm TRS, Mini-Jack	Resolutions, HDTV: 480i - 1080p
Recommended Max. Cable Lengths	Digital Audio: Dolby TrueHD, Dolby Digital Plus, DTS HD Master Audio
HDMI Input: 33ft (10m)	Certifications
HDMI Output at 1080p/8 Bit: 50ft (15m)	Power Adapter: UL, CE, FCC
HDMI Output at 1080p/10 Bit: 33ft (10m)	

MECHANICAL	ACCESSORIES
Height: 6.9in (176mm) 4RU	Included
Length: 19.0in (482mm)	(1) Power Adapter +24VDC, 4.2A
Width: 15.2in (385mm)	115VAC Power Cord (PC5301US): Supply: NEMA 5-15P Equip.: IEC60320-C13
Material: Aluminum	Rack Mount Ears + Screws
Finish: Black	Handles
Net Weight: 21.0lb (9.5kg)	Rack Mount Support Bracket + Screws
T° Operating: 0°C-40°C	IR Remote Control + Batteries
T° Maximum: -20°C to 60°C	
Humidity: 20%-90%, non-condensing	
MTBF: 38,000 hrs (calc.)	

Application Diagram



Specifications/Diagrams subject to change without notice.