

PRO-MAX0808/1616/3636/7272/144144/288288

PRO-MAX series hybrid matrix switchers



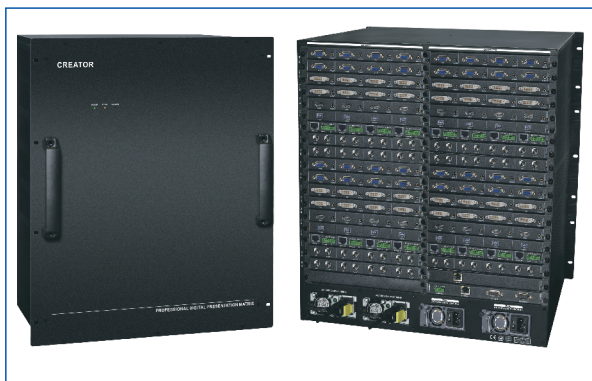
PRO-MAX0808
Size (mm):
483(L)×400(W)×88(H)



PRO-MAX1616
Size (mm):
483(L)×400(W)×132.5(H)



PRO-MAX3636
Size (mm):
483(L)×400(W)×310(H)



PRO-MAX7272
Size (mm):
483(L)×400(W)×532.6(H)



PRO-MAX144144
Size (mm):
483(L)×400(W)×1043(H)



PRO-MAX288288
Size (mm):
1200(L)×800(W)×1240(H)

Product overview

The PRO-MAX series hybrid splicing matrix switchers are a group of seamless switchers which can cross-switch and splice multiple types of signals. High-performance hardware design ensures it supports for various high definition digital and analog signals, bi-directional RS-232 and IR control signal management. They can splice one input graphic signal into multiple channels and disperse to different display units to form a complete large-scale frame. This can provide one-stop solution for multiple types of visual signals and control signals switching and processing in various industries, especially for Broadcasting and Television Projects, Multimedia Meeting Rooms, Big Display Projects, TV Education, Smart Traffic Management Centers, and Command Center, etc.

Features

- Full digital switching: real seamless switching for all types of output cards.
- All splicing output cards support video signal splicing and assembling; supports graphic windows scaling, overlapping, and roaming over the whole graphic frame.
- The preview card supports video signal preview and switching function.
- Support DVI 1.0 protocol, and compatible with HDCP 1.3 and HDMI 1.3a standards.
- Support hot-swap, video and audio signal synchronized switching, and AUTO DELAY for audio signal.
- Support EDID read and PC Management Software.
- Support built-in and local bi-directional RS-232 and IR control signal with H-CAT inputs and outputs; Support control signals and video/audio synchronized and separate switching; Support POE function.
- Versatile management methods: IR Remote Control, RS-485, RS-232 and Network Control, and Serial Port Control at remote end via H-CAT inputs and outputs. This brings great convenience for the users to integrate the signal management and control with various other equipments at the remote end.
- Support firmware online upgrade.
- Intelligent control the operation of fan in matrix.
- SDI input can achieve looping out.
- Plug-in design for cards, the input and output signal type and signal channel amount can be allocated flexibly.

Specifications

The parameter name		PRO-MAX0808/1616 /3636 /7272/144144/288288
Interface	The input card can be connected to Quantity / input channels	2/8 4/16 9/36 18/72 36/144 72/288
	The output card can be connected to Quantity / output channels	2/8 4/16 9/36 18/72 36/144 72/288
	Support input card type	PMAX-IN HDMI4; PMAx-IN DVI4; PMAx-IN HD4; PMAx-IN VGA4; PMAx-IN SF4; PMAx-IN SDI4
	Support output card type	Seamless output card: PMAx-OUT HDMI4; PMAx-OUT DVI4; PMAx-OUT HD4; PMAx-OUT VGA4; PMAx-OUT SF4; PMAx-OUT SDI4 Output card: PJMAx-OUT HDMI4; PJMAx-OUT DVI4; PJMAx-OUT HD4; PJMAx-OUT VGA4; PJMAx-OUT SF4; PJMAx-OUT SDI4
Interface bandwidth		6.75Gbps
Serial port control	Serial port control interface	RS-232, 9-pin female D interface and 9-pin male D interface
	The baud rate and protocol	Baud rate: 9600, Data bits: 8 Stop bit: 1, No parity
	Structure of serial control	9-pin D female interface: 2 = TX, 3 = RX, 5 = GND 9-pin D male interface: 2 = TX, 3 = RX, 5 = GND
KEYBOARD Control Interface	Keyboard control interface	4 bit 3.8mm Phoenix interface
	Use	Use with the expansion keyboard MCP100
Ethernet control	Keyboard control port structure	+5V=DC5V , + = DATA+, -=DATA-GND = Signal ground
	Ethernet control interface	RJ-45 bus interface
	Ethernet Control Protocol	TCP/IP
Specifications	Ethernet control rate	Self-adaptive 10M/100Mmin full-duplex or half-duplex
	Working power supply	100VAC ~ 240VAC,50/60 Hz, The international adaptive power supply (POE power supply is selectable for 3636/7272/144144)
	Storage, use temperature	0°C 50°C
	Storage, use humidity	20% 70%
	Box size	2U 3U 7U 12U 24U —
	Weight (without card)	About 5kg About 7kg About 16kg About 29kg About 80kg About 250kg
	No-load power consumption (without card)	18W 18W 30W 30W 70W 300W
	Mean time between failures	30000 hours
The warranty	1 year free warranty, life-long maintenance	