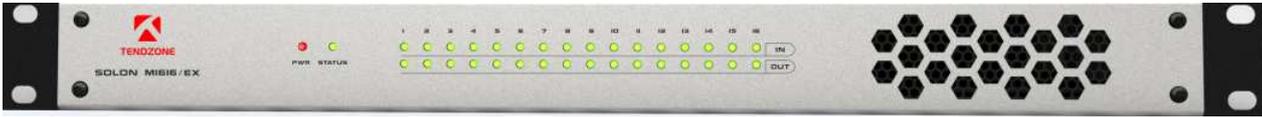




**TENDZONE**  
DIGITAL AUDIO PROCESSOR

## SOLON Series Digital Signal Processor

### SOLON M880/EX SOLON M1616/EX



#### AFC AGC SP AM DIGI-EXP M-LAN

SOLON series use TENDZONE's third generation audio processing technology, high- quality preamplifier circuit and DSP processing bus structure, it provide users a more superior sound quality, SOLON Series can meet the requirements for theatre、 remote video conference、 stadium、 churches、 conference centers、 theme parks and other PA systems. SOLON control software has updated on marshalling control, parameter copy/paste and associated control function and user-friendly control operation.

#### Technical Indicators

Type		SOLON M880/EX	SOLON M1616/EX
Framework		8×8 matrix/ dual DSP	16×16 matrix/ dual DSP
Sampling rate		48KHZ	
Input	Analog	1×Euroblock (12P,Mic/Line balanced)	2×Euroblock (12P,Mic/Line balanced)
	Digital	RJ45 for SOLON(8ch)	
Output	Analog	1×Euroblock (12P,Mic/Line balanced)	2×Euroblock (12P,Mic/Line balanced)
	Digital	RJ45 for SOLON(8ch)	
Control		8×GPI input	



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	8×GPO output Ethernet 100Base-TX
	RS-232
	RS-485
<b>Product feature</b>	<p>Basic function: •DSP audio processor; input : pre-amplifier、 generator、 expander、 Compressor、 5 band PEQ、 mixer; • output : Speaker Processor ( 8 band PEQ、 latency、 crossover、 high pass filter、 low pass filter )、 limiter ; • AFC ; • AEC; • full function matrix mixing ; • build-in digital automatic mixing ; • M-LAN multi-function data transmission and control port ; • bulid-in automatic voice tracking ; • RS-232 bi-directional serial control interface used to control other external equipment such as video matrix and other RS-232 devices or receive the command from a third-party RS-232, such as AMX、 Crestron and etc ; • RS-485 camera control port ; • GPIO programmable control port ; • support SNMP/SMTP remote control; • support 8 groups of scene preset.</p>
<b>Size/weight</b>	483×44×258mm/2.9kg

Typical system connection diagram

