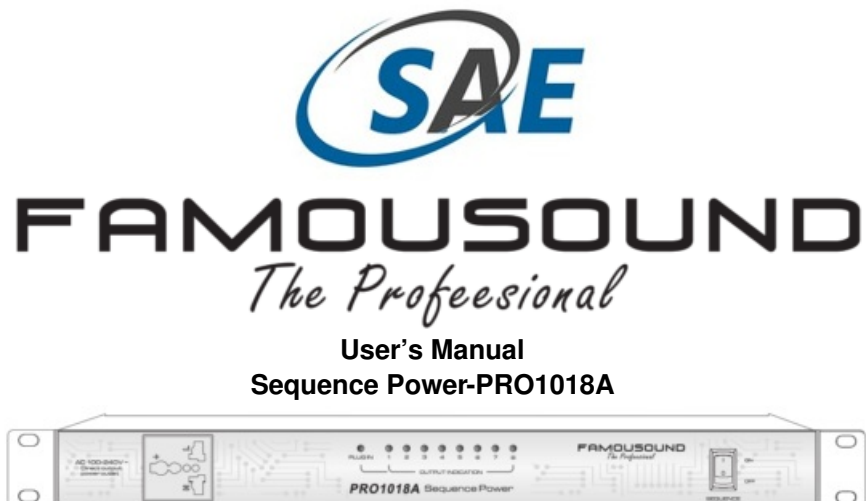




## sae audio PRO1018A Sequence Power Amplifier User Manual

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### Important Safety Instruction and symbol description

1. Read these instructions.
2. Keep this user manual.
3. Pay attention to all the notice.
4. Comply with these instructions.

5. Warning: to reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.  
Equipment should not be exposed to water or water splash, and equipment shall not be placed for a class of items such as vases filled with liquid.
6. Suggested use dry cloth to clean.
7. Install the equipment according to User's Manual.
8. Do not install the equipment closed to the heat source, such as radiator, heat regulating device, furnace etc.
9. This equipment should be connected to a socket by protective grounding.
10. Protect the wire from being trampled or extruded, especially the plug, socket and the connector of it.
11. Must be used nominal voltage of the power supply same as the one written on the top cover.  
If damage caused by improper use of voltage, it will be served as a paid service.
12. For link control please refer to Page 4 of this User's Manual.



Notice for important information



There is risk for electric shock as there are uninsulated parts inside the machine. It is not allowed to open the cover of the machine except the professional for maintenance.

## Foreword

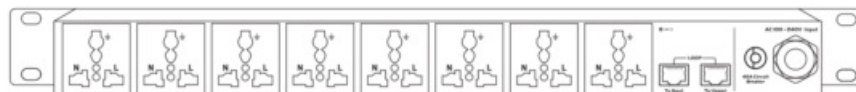
Thank you for purchasing our products. Please read this manual in detail before use, it will give you the use instructions and help for the normal working, avoid the wrong operation to make unnecessary abnormal problems.

### Unpacking

Please unpack and inspect your amplifier for any damage that may have occurred during transit. Confirm the preset voltage of the Sequence Power matches your local voltage rating ( Please refer to the print on the rear panel for detailed information). e also recommend that you save all packing materials so you will have them when need to return the Sequence Power.

### Important safety precautions

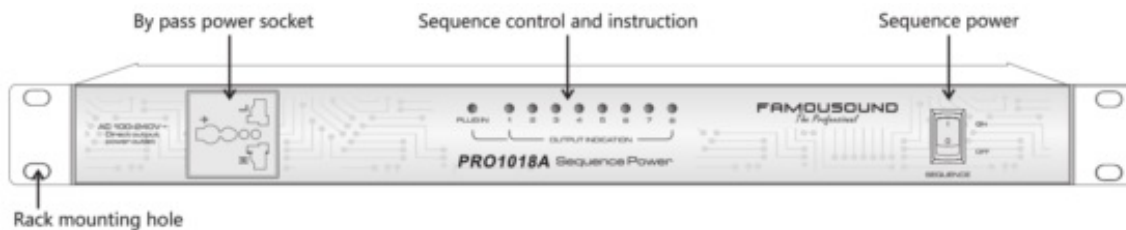
Our products has already taken the safe requirement in to consideration and all the finished products have been tested under the requirement of the government before sale. Due to the inner dangerous high voltage and electricity, we strongly recommend you read all instructions, warnings and cautions contained in this manual. It will increase the chance of getting shock by the electricity if the product falls down, recess in the appearance, soaked or there were some parts loose internal. If there are problems above, please turn off power immediately and send the defective units to local distributor for service.



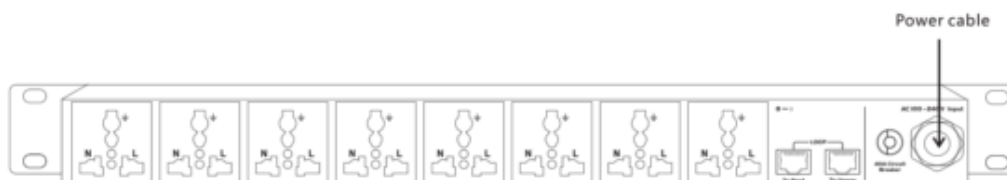
## Product features

1. PRO1018A adopted SMPS power supply, available for universal voltage 100-240V.
2. Circuit breaker with over-current and short circuit protection.
3. Multipile link to 16, 24, 32 outputs sequence control.
4. Universal socket, compatible with different style of the power plug.

## Front panel introduction

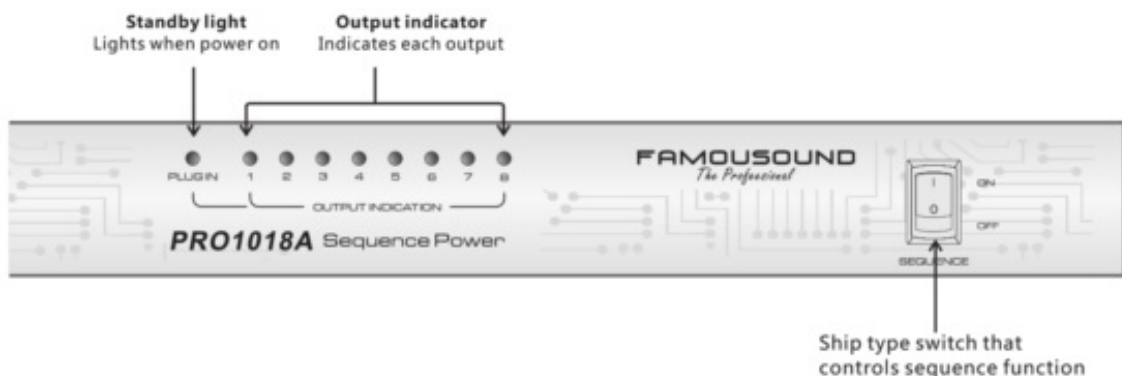


## Power cable connection



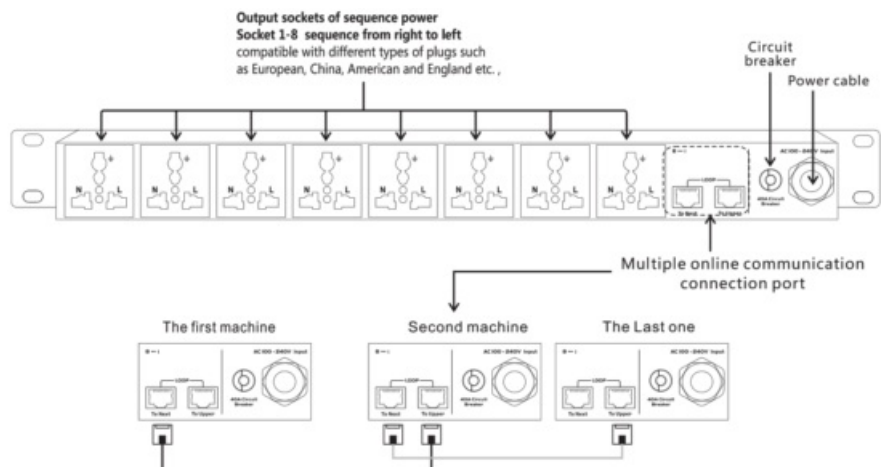
**Note :** The machine comes with its own power cable+ power plug, which is wired internally. Users do not need additional wiring!

## Front Panel Function Introduction



**Attention:** must use the high-power power line plug or socket, to prevent the power is too small to cause ignition and other safety hazards!

## Rear panel introduction



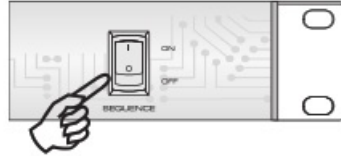


Rear plate overload circuit breaker, when the total current of the sequencer continues to exceed 40A, it will automatically jump off and enter overload protection state, after the load is reduced Need to re-press the button on the circuit breaker to return to work!

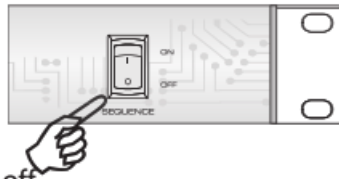


Notes for online control

1. The RJ45 Network cable must be connected in the power outage state,(shut off the main switch) and all slave machines(SEQUENCE) switch must be off, waiting for the command control of the host machine.

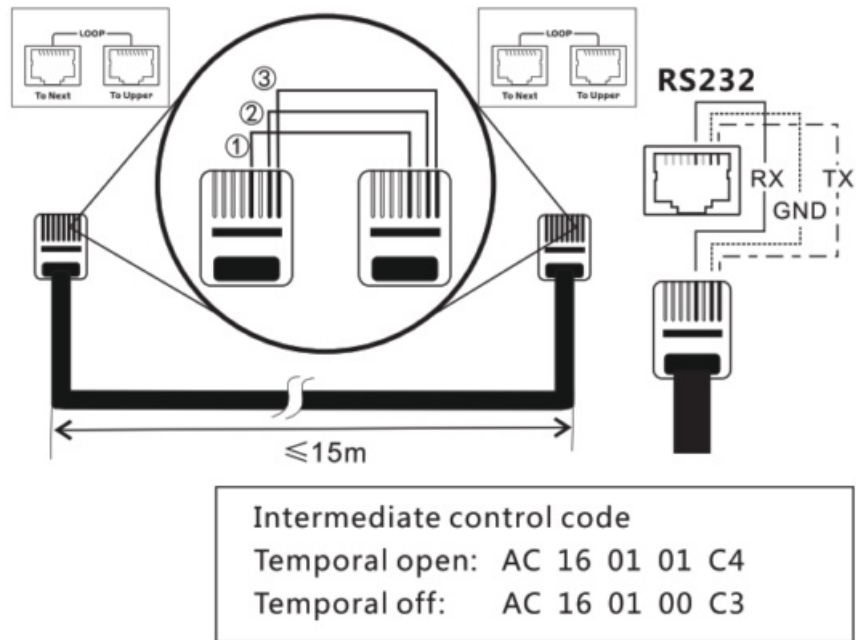


Slave machine: This switch is kept off, waiting for the instructions of the host machine.



this switch is kept off

2. Sequence on/off state is controlled by sequence switch, Turn on: "ON" from 1 to 8 (from left to right) Turn off: "OFF" from 8 to 1(from right to left)
3. In multiple online communication, after opening the sequence control switch of the first machine, it will continue to open to the last one in the current on line in order. and then Close instead,start with the last one and close to the first one.
4. In the online working state, do not unplug the power line or on line line. Otherwise it will cause the interruption of the online signal and online abnormal.
5. Please use standard network cable to connect; If you make your own network cable, make sure that the network cable connection method is straight.Namely the crystal head at both ends, the color of the (1), (2)and (3) line in the figure below must be the same at both ends,When using the online function of the computer, the length of the network cable is recommended not to exceed 15 meters. If the on line cable is too long, it will be dangerousAffects the quality of communication.



## In-process code

### Central control transfer protocol setting

1. Device number: input range 01~08, device number 01 is the head machine, directly connected to the central control system;The following figure shows the example of central control system instruction of device no. 01, other instruction codes and details of central control system instruction of other device No. 01.Please refer to the timing central control system application code and its documentation.

Function	Instructions first		Device number	Instruction tail	
Sequential on	AC	16	1	1	C4
Sequential off	AC	16	1	0	C3
Sequential on/off	AC	15	1	1	C3
Channel 1 on	AC	11	1	1	BF
Channel 1 off	AC	11	1	81	3 F
Channel 2 on	AC	11	1	2	CO
Channel 2 off	AC	11	1	82	40
Channel 3 on	AC	11	1	3	CI
Channel 3 off	AC	11	1	83	41
Channel 4 on	AC	11	1	4	C2
Channel 4 off	AC	11	1	84	42
Channel 5 on	AC	11	1	5	C3
Channel 5 off	AC	11	1	85	43
Channel 6 on	AC	11	1	6	C4
Channel 6 off	AC	11	1	86	44
Channel 7 on	AC	11	1	7	C5
Channel 7 off	AC	11	1	87	45
Channel 8 on	AC	11	1	8	C6
Channel 8 off	AC	11	1	88	46

Example of device number "01" in the table



<http://www.saeaudio.com/manual/PS8.rar>



Baud rate: 115200

Data bit: 8 bits

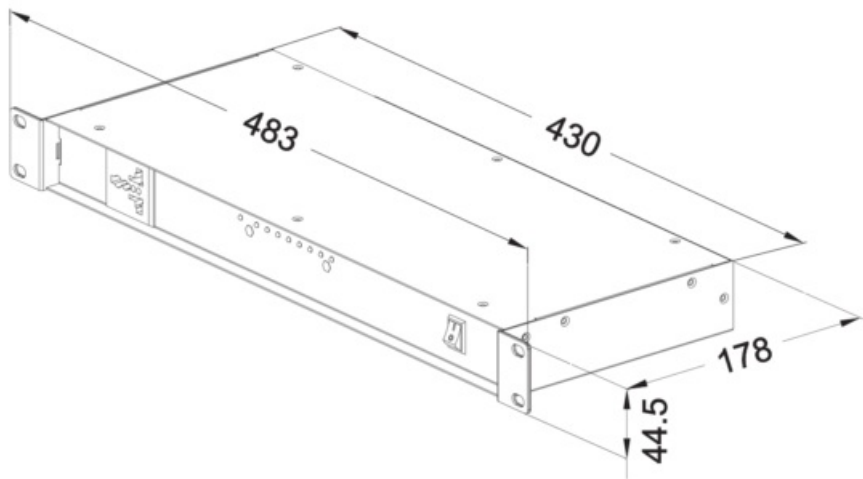
Stop bit: 1 bit

Parity check: None

Specifications

Limit power	<-100-240V-/40A
Input power connection	Power lead head fixed, internal
Power switch and over current protection	The 40A press recovery circuit b
Sequence controlled output channel quantity	n.
Without sequence controlled output channel quantity	8 pcs compatible power sockets
Max. output current per channel	1 pc compatible power socket (
Sequence control mode	Audio equipment loading<20A, l
Sequence interval	sed in stage lighting equipments
Sequence independent switch function	Power control and online control
Power cable	1.Ss/step
Working voltage	Press “Disconnection”can turn o
Product Dimension ( mm )	2.Smm2
Packaging Dimension ( mm )	Power cable
G.W	100V~240V /50~60Hz ±10%
	483x178x44.5
	525x265x110
	3.5kg

Product dimension(mm)



Suitable model:PRO1018A

The manufacturer reserves the rights to make changes in specification without prior notice.  
The final specification is subject to the user’s manual.


[www.famousound.com](http://www.famousound.com)

Manufacturer:Sae Audio Co.,LTD.  
Sae reserves the right to make changes in specifications  
and products without prior notice.



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## Documents / Resources

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