



SOUNDSTANDARD S18 Sequence Power Amplifier User Manual

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SOUNDSTANDARD SOUNDSTANDARD S18 Sequence Power Amplifier



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.
12. If damage caused by improper use of voltage, it will be served as a paid service.
13. For link control please refer to Page 4 of this User's Manual.

NoHce foe ;mport.mt ;,focmaHoa 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

Welcome

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

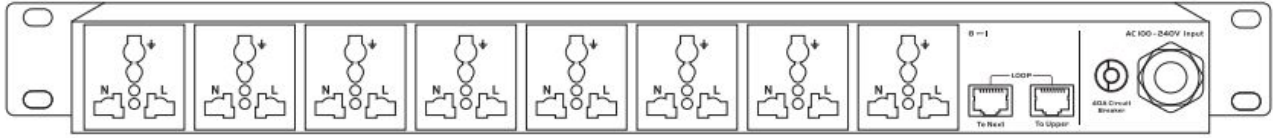
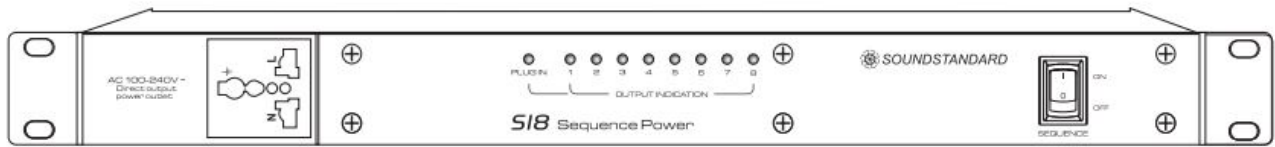
Please unpack and inspect your amplifier for any damage that may have occurred during transit. Confirm the preset voltage of the Sequence Power matches your local voltage rating (Please refer to the print on the rear panel for detailed information). We also recommend that you save all packing materials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

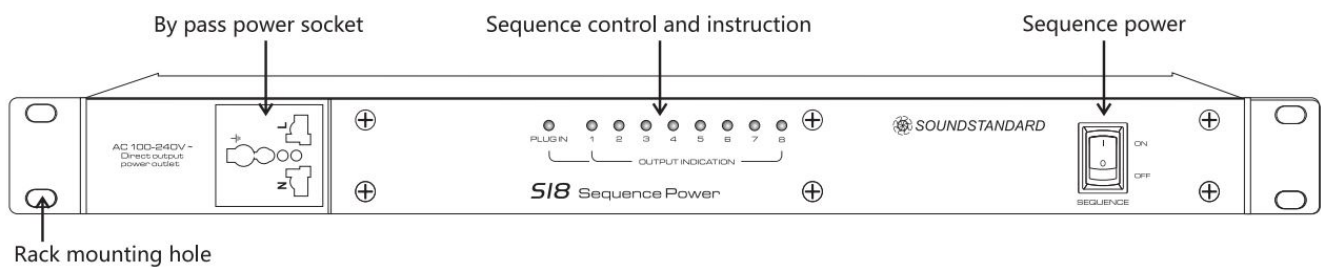
Product features



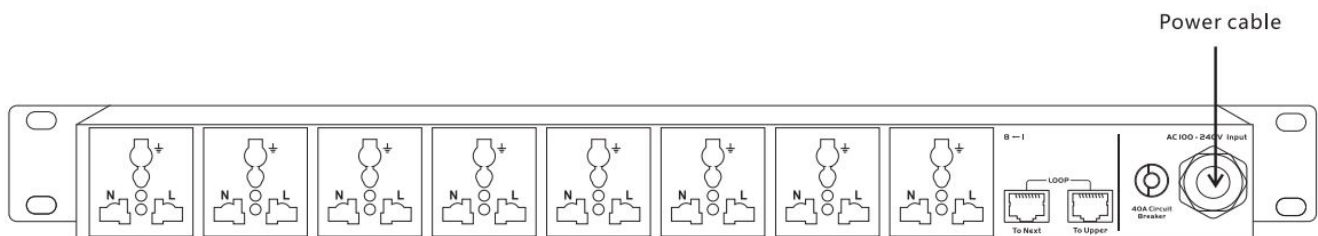
1. S18 adopted SMPS power supply, available for universal voltage 100-240V.
2. A circuit breaker with over-current and short circuit protection.
3. Multiple link to 16, 24, 32 outputs sequence control.
4. Universal socket, compatible with different style of power plug.

Instructions for use

Front panel introduction

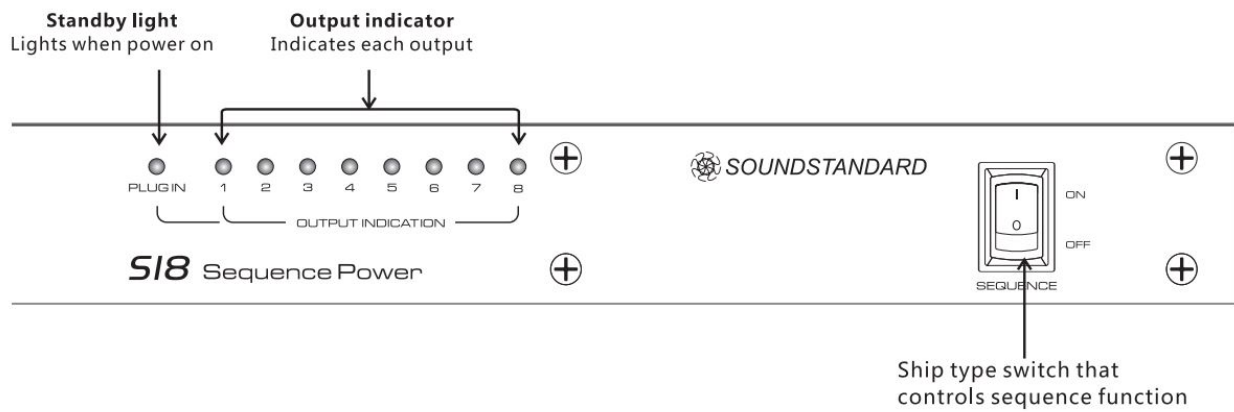


Power cable connection



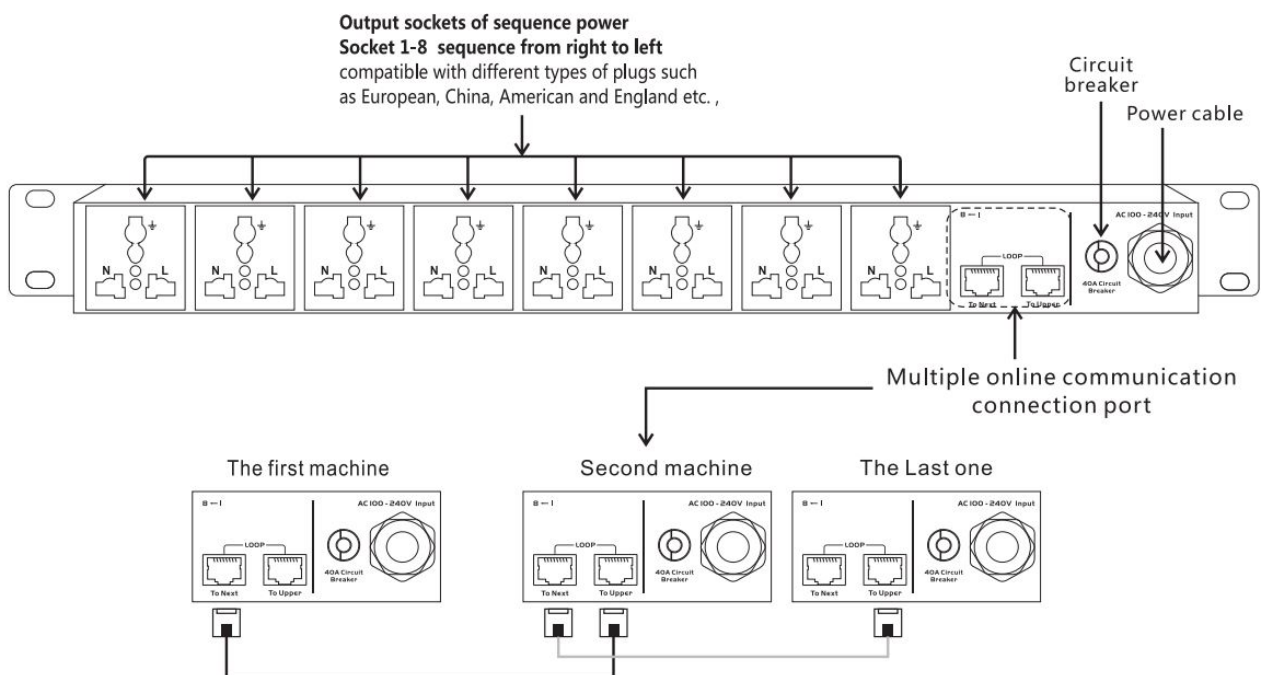
Note: The machine comes with its own power cable + power plug, which is wired internally. Users do not need additional wiring!

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!

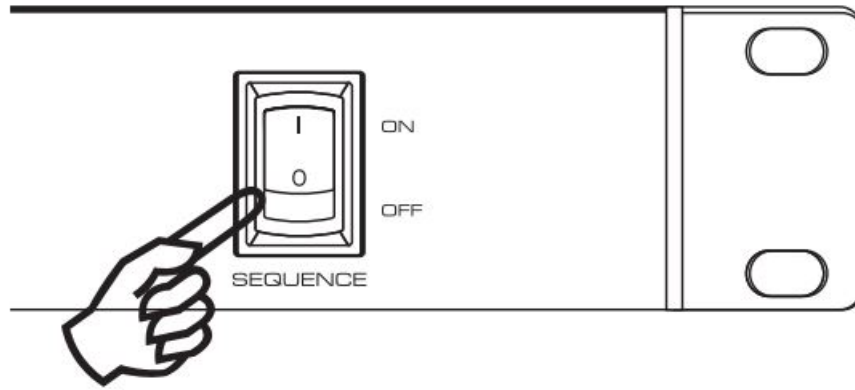
Rear panel introduction



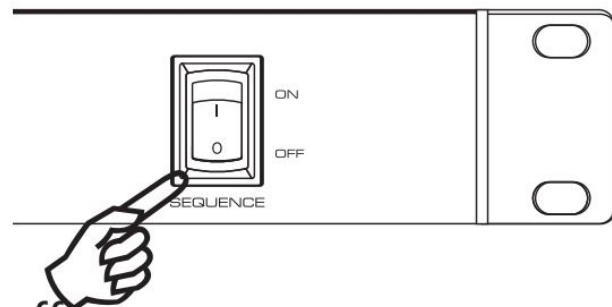
Rear plate overload circuit breaker, when the total current of the sequencer continues to exceed 40A, it will automatically jump off and enter overload protection state, after the load is reduced Need to re-press the button on the circuit breaker to return to work!

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.
 1. Host machine: This switch is the main switch, decide the states of the system state.

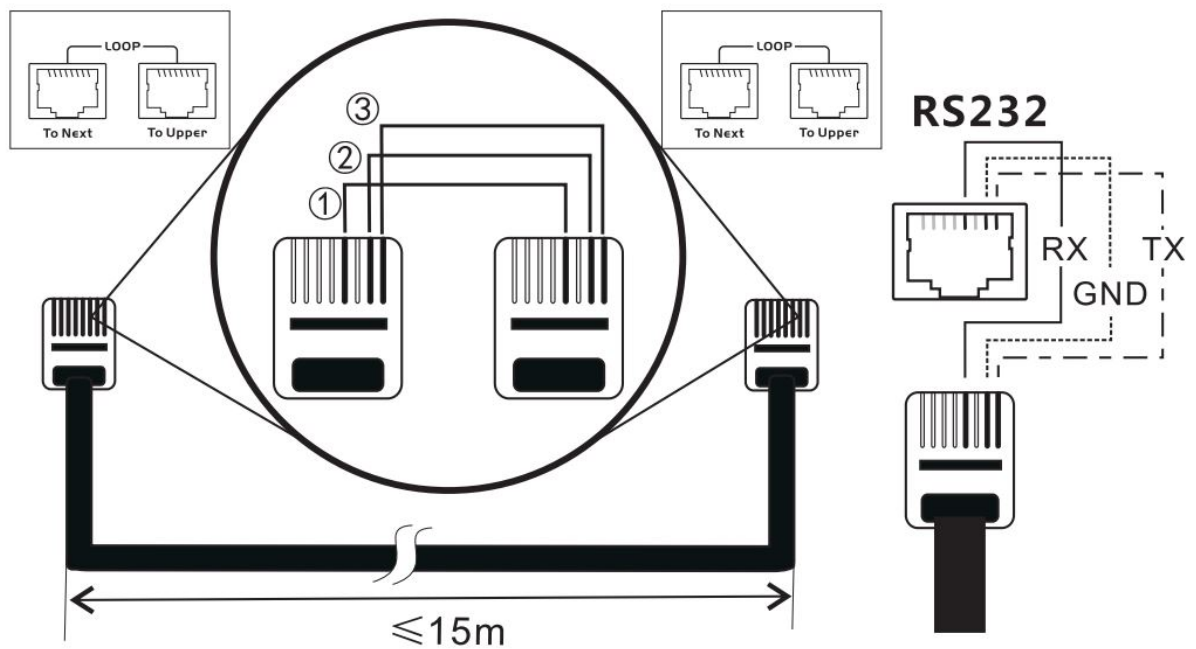


2. Slave machine: This switch is kept off, waiting for the instructions of the host machine.



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 on line 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. Otherwise it will cause the interruption of the on line signal and on line 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 Q), @and@ 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

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.

Baud rate: 115200 **Data bit:** 8 bits **Stop bit:** 1 bit **Parity check:** None

Function	Instructions first		Device number	Instruction tail	
Sequential on	AC	16	01	01	C4
Sequential off	AC	16	01	00	C3
Sequential on/off	AC	15	01	01	C3
Channel 1 on	AC	11	01	01	BF

Channel 1 off	AC	11	01	81	3F
Channel 2 on	AC	11	01	02	co
Channel 2 off	AC	11	01	82	40
Channel 3 on	AC	11	01	03	CI
Channel 3 off	AC	11	01	83	41
Channel 4 on	AC	11	01	04	C2
Channel 4 off	AC	11	01	84	42
Channel 5 on	AC	11	01	05	C3
Channel 5 off	AC	11	01	85	43
Channel 6 on	AC	11	01	06	C4
Channel 6 off	AC	11	01	86	44

Channel 7 on	AC	11	01	07	cs
Channel 7 off	AC	11	01	87	45
Channel 8 on	AC	11	01	08	C6
Channel 8 off	AC	11	01	88	46

Example of device number “01” in the table

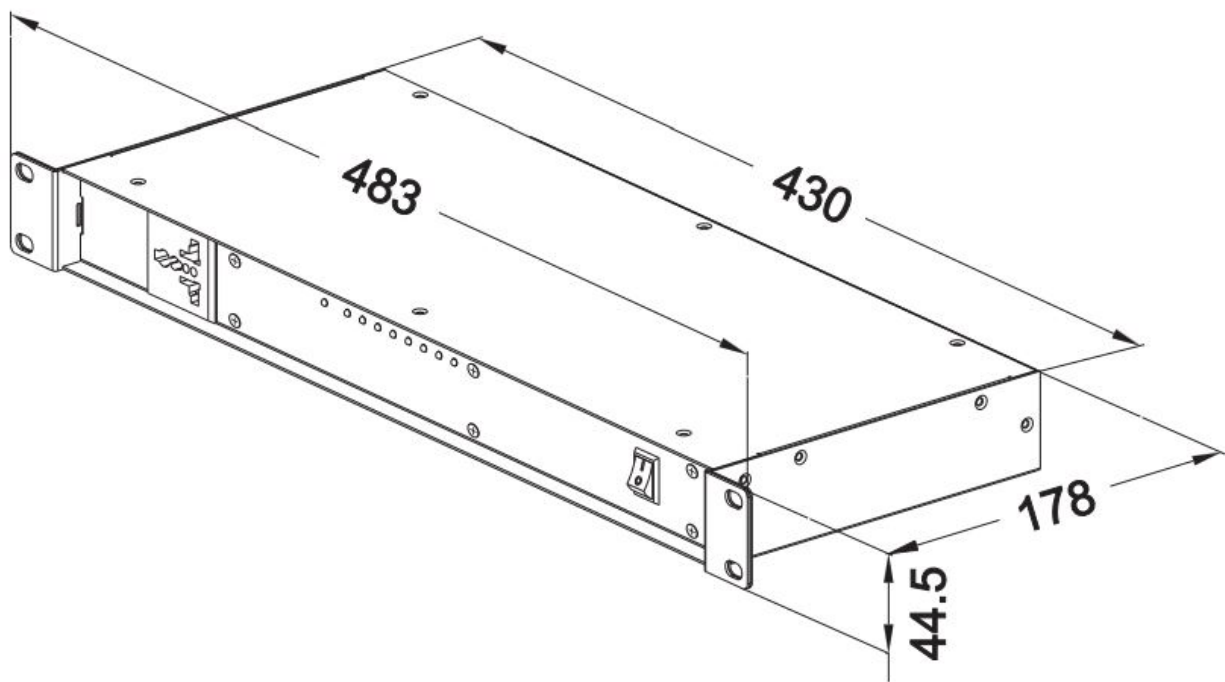


Central control
package download


Specifications

- Limit power ;< ~ 100-240V ~/40A
- Input power connection;Power lead head fixed, internal wiring
- Power switch and over current protection;The 40A press recovery circuit breaker has overcurrent and short-circuit protection.
- Sequence controlled output channel quantity;8 pcs compatible power sockets(rear panel)
- Without sequence controlled output channel quantity ; 1 pc compatible power socket (Front panel)
- Max. output current per channel;Audio equipment loading<20A, linear pure resistance loading <10A (Cannot be used in stage lighting equipments)
- Sequence control mode;Power control and online control
- Sequence interval;1.5s/step
- Sequence independent switch function;Press “Disconnection”can turn off corresponding channel
- Power cable;2.5mm² Power cable
- Working voltage;100V 240V /50~60Hz t10%
- Product Dimension (mm);483x178x44.5
- Packaging Dimension (mm);525x265x110
- G.W;3.5kg

Product dimension(mm)



Documents / Resources

	<p>SOUNDSTANDARD S18 Sequence Power Amplifier [pdf] User Manual S18, Sequence Power Amplifier</p>
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