

SYRINCS



GP820

Professional Sequence Power

**User manual** **EN**

用户手册 **CN**

## **GERMANY**

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# 1 GENERAL INFORMATION

This user manual contains important instructions for the safe operation of the machine, reads and complies with safety instructions and all other instructions, and preserves the manual for future reference. Make sure it is available to all users using the device. If you sell this machine, please make sure that the buyer also receive this manual. Our products are in the process of continuous development, so it may have change in future.

## Signal Words

All preventive measures in this manual are clearly highlighted. The following signal words are all for preventive measures

DANGER	This warning if failure to comply with the instructions may lead to a risk of serious injury or death
WARNING	If the instructions are not followed, this warning may lead to a risk of serious injury or death or significant property damage
BE CAREFUL	If you do not follow the instructions, this warning may lead to a risk of reversible injury or considerable material damage
ATTENTION	This risk of failure or considerable material damage may happen if the instructions are not complied during this warning operation , may also cause environmental damage

## TAGS

		
GENERAL WARNING OF DANGEROUS LOCATIONS	SUSPENSION WARNING	ATTENTION



## 2 SAFETY

### INTENDED USE

The device is designed as a PA system and only use the device as described in this user manual. Any other using or use under other operating conditions is considered inappropriate and may result in personal injury or property damage. Any problems caused by user's wrong actions are out of warranty. This device can only be used by persons with sufficient physical, sensory and intellectual abilities and with the appropriate knowledge and experience, and may only be used by other personnel if they are supervised or directed by the person who take responsible for their safety.

### SAFETY INSTRUCTIONS

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#### DANGER

#### May do harm to children

Ensure that plastic bags, package bags are all properly handled and not in the contact range of infants and young children to avoid a risk of asphyxiation!

- Ensure that children do not separate any small component (such as knobs, etc.) from the product. as it may have risk for them to swallow the pieces and choke to death.
- Don't let Children get together with electronic devices alone.



#### ATTENTION

#### OPERATION CONDITIONS

This device is only for indoor use.

- Don't expose the device to any liquid or moisture and avoid direct sunlight, dirt or strong vibrations in order to prevent from damage.
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### 3 PRECAUTIONS

1. For your safety please don't open the rack to avoid electric shock due to high voltage inside, consult professionals for maintenance help.
2. Keep the equipment off rain or humidity.
3. This equipment must work in places with good air flow.
4. Pls check whether local voltage supply can meet the requirement of this equipment.
5. Pls pull out this plug when this equipment is not in use for a long time.
6. Load must be configured following this manual, Don't let the equipment work overloaded for a long time.



Please make sure the local power supply is similar to what this compliance requires and carefully check if there is no any damage for outlet and wire prior to operating the appliance



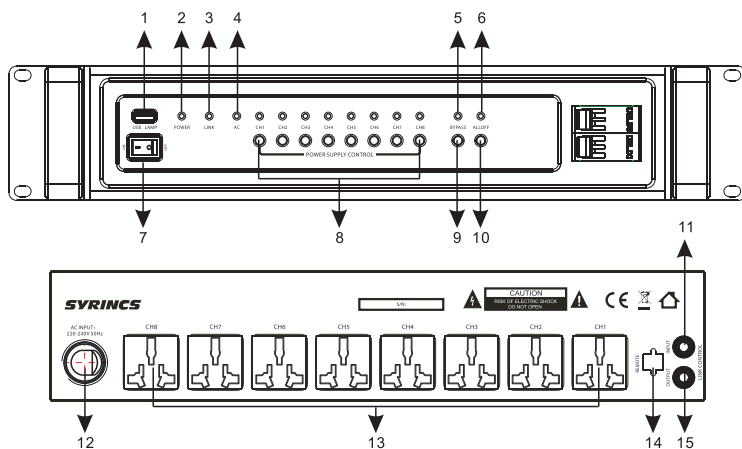
## 4 FEATURES

It's a professional sequence power distributor, which can distribute main power into eight power outputs, and turn on/off every output power sequently, that to effectively reduce the shock to system, specially cater for large sound reinforcement venue.

1. One main power input, eight controlled power output.
2. Build in processor, turn on clockwise, turn off anti-clockwise, available for network connection, easy operation.
3. LED indication for each channel turn on/off.
4. BYPASS switch and independent switch control for every channel, flexible usage.
5. USB 5V charging interface on the panel
6. Compact and solid shape.



## 5 FUNCTION INTRODUCTION



1	USB charging interface
2	Sequent turn on/off LED( the LED is active, when sequent switch is on)
3	Network connection LED (the LED is active,when many systems are connected at the same time)
4	Power turn on/off LED( the LED is active, when power switch is on)
5	BYPASS switch LED (Press Bypass switch,Bypass function is activated, and LED is active)
6	Main Turn on/off switch (Press this switch,cut off all channels)
7	Sequent switch control (press switch,every power channel is connected sequentially)
8	(CH1 - CH8) press each switch can cut off power of this relative channel independently
9	BYPASS switch , (press this switch, the function of sequent turn on/off is not available meanwhile switch on all power channels)
10	Main turn on/off switch , (press this switch, cut off all channels)
11	Parallel connection Input socket (when link, signal input from here)
12	Power in (pls note if your local voltage is conformed to this instrument)
13	(CH1 - CH8) power distribution socket
14	Remote control terminals (it can control the sequencer remotely with switch when short-circuiting this terminal.)
15	Parallel connection Output socket (when link, signal Output from here)





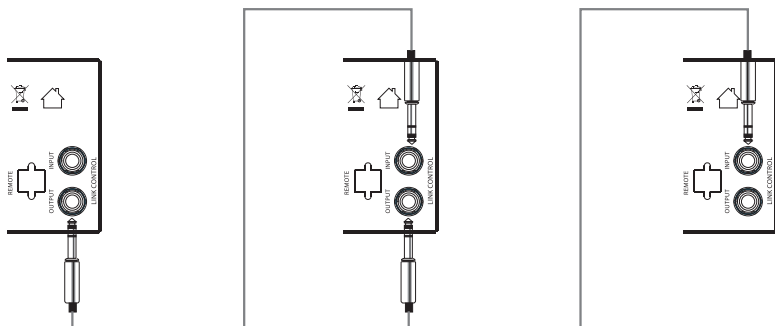
## 6 INSTRUCTION OF PARALLEL CONNECTION CONTROL

### 1 > Connection diagram of Parallel connection

Sequence power distributor 1(main)

Sequence power distributor 2(auxiliary)

Sequence power distributor 3(auxiliary)



### 2>Remark:

Please turn off all the sequence power distributor when link parallel. After connection, can use the first equipment to control all the sequence power distributor

### 3>Connection diagram of remote control terminal





# 7 USUAL FAILURE AND EXCEPTION HANDLES

FAILURE PHENOMENA	No.	EXCEPTION HANDLES
Power indicated LED don't light	1	Check if the equipment plug connect well with the power supply
	2	Check if the power supply have the right voltage
Cannot be connected Parallel	1	Make sure to connect the link control line before power on
	2	Check if the link connection is right and well
Others	1	Please check if the setting and connection are all right according to Manual instruction
	2	Please consult with your local specialist or browse our website:

Please consult professional personnel for help if the above mentioned operation does not work efficiently



## 8 SPECIFICATION

Model No.	GP820
Total Max.Output(RMS)	16KW
Per channel Max.Out(RMS)	2KW
Sequency Delay Time	1 s
Parallel Connection	available
BYPASS Function	available
Voltage	~ 220–240V 50–60Hz
N.W	5.7Kg
G.W	7.6Kg
Dimension (WxHxD)	483 × 291 × 88 mm
Package (WxHxD)	526 × 369 × 145mm

## 7 Protecting the environment

### Packaging



For the packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

### Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.



# 1 本手册的一般信息

本用户手册包含有关本机安全操作的重要说明。阅读并遵守安全说明和所有其他说明。保存该手册供将来参考。确保它可供所有使用者使用装置。如果您出售本机，请确保买方也收到本手册。

我们的产品处于不断发展的过程。因此，他们可能会改变。

## 使用的信息词

本手册中的所有预防措施都清楚地突出显示。以下信号单词用于预防措施

危险	这警告如果未遵守说明可能导致严重伤害或死亡的危险
警告	如果不遵循说明，这警告可能导致严重伤害或死亡的危险和/或可能造成重大财产损失。
小心	如果不遵循说明，这警告可能导致可逆伤害或相当大的物质损坏的危险。
注意	这警告操作过程中可能导致故障的危险或可观的材料损坏。如果不遵守说明，也可能造成环境损害。

## 使用的标识

		
危险位置的一般警告	悬移警告	注意



## 2 安全

### 預期用途

該設備被設計為PA系統。僅按照本用戶手冊中的說明使用設備。在其他操作條件下的任何其他使用或使用被認為是不適當的，並可能導致人身傷害或財產損失。由於使用不當而造成的損失不承擔任何責任。

此設備祇能由具有足夠的身能，感官和智力能力並具有相應知識和經驗的人員使用。其他人員祇有在受到負責其安全的人員的監督或指導的情況下才可以使用此設備

### 安全須知



危險

#### 可能對兒童造成危害

確保塑料袋，包裝等妥善處理，不在嬰幼兒接觸範圍內，有窒息的危險！

- 確保兒童不會從產品上分離任何小部件（例如旋鈕等）。他們可能吞下這些碎片並噎死！
- 絕對不要讓兒童單獨與電子設備一起。



注意

#### 操作條件

本裝置僅供室內使用。

- 為了防止損壞，不要將設備暴露在任何液體或濕氣中。避免陽光直射，污垢和強烈的震動。



### 3 注意事項

- 1.機內有高壓，請不要打開機殼，維修請向專業人員諮詢；
- 2.請不要將本機置于雨中和潮濕的地方；
- 3.設備必須在通風良好的地方工作；
- 4.請注意當地供電電壓與本機是否相符；
- 5.長時間不使用本設備時請將電源插頭拔下；
- 6.請按本說明書為本機配接負載，不要讓本設備長時間過載運行。



此機與電源插座連接前，請先確定當地電網電壓和本機背板後的電壓指示相同。連接本機到電源插座時,確認插座未損壞,電源綫無破損。關機後請將電源插頭拔出。



## 4 特點

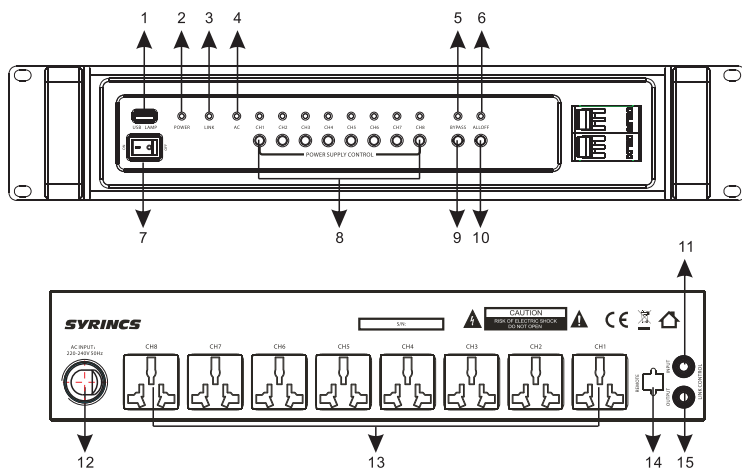
本機是一種專業的電源控制器，它可將輸入的主電源分配成八路電源輸出，並可以按時間順序依次接通和關閉各路電源，從而有效降低對系統的衝擊，特別適合于大型音響工程使用。

- 1.一路主電源輸入，八路受控電源輸出。
- 2.內部微處理器控制，可順序開機，逆序關機，並可多臺級聯使用，操作方便。
- 3.各通道通斷都有LED指示，一目了然。
- 4.設BYPASS開關及各通道都設獨立控制開關，使用靈活。
- 5.面板上有一個USB 5V充電接口。
- 6.外形小巧堅固。





## 5 背面板介紹



1	USB 5V充電接口
2	時序開關指示燈:當接通時序開關時,該指示燈點亮
3	級聯指示燈:當多臺電源時序器級聯使用時,該指示燈點亮
4	電源指示燈:是指時序器與電網交流電源接通時,該指示燈點亮
5	時序旁路開關指示燈:按下時序旁路開關時,BYPASS功能啟動,該指示燈點亮
6	總關斷開關指示燈:按下總關斷開關,切斷所有通道,該指示燈點亮
7	時序開關:按下開關,按時間順序依次接通各電源通道
8	(CH1-CH8)一鍵通開關:按下該鍵可單獨切斷該通道的電源
9	時序旁路開關:按下此開關,本機失去時序開機和關機的功能,同時接通所有電源通道
10	總關斷開關:當按下此開關時,同時切斷所有通道
11	級聯輸入信號插座:級聯時,輸出信號由此輸入
12	主電源線:請注意當地電網電壓是否與本機一致
13	(CH1-CH8)電源分配通道插座
14	遠程線控端子:短路該端子可實現遠程控制時序器的時序開關
15	級聯輸出信號插座:級聯時,輸出信號由此輸出



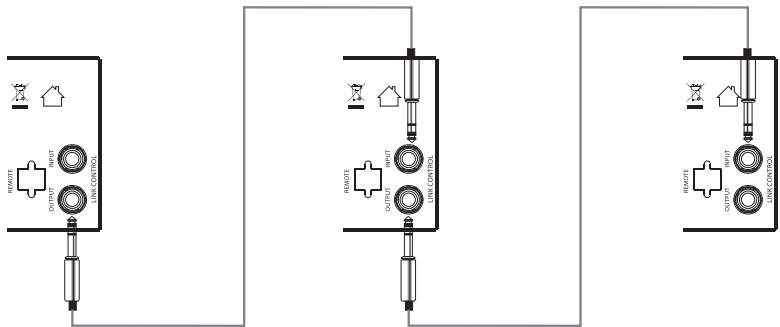
# 6 級聯使用

## 1> 多臺級聯使用時的連接圖

第一臺（主機）

第二臺（從機）

第三臺（從機）



## 2> 注意：

多臺級聯時請先將所有專業電源控制器的時序開關閉閉，聯好綫後，就可用第一臺機的開關控制所有電源控制器了。

## 3> 遠程綫控端子的使用時的連接圖





## 7 常見故障與排除方法

故障現象	序號	排除方法
電源指示燈不亮	1	檢查機器電源插頭與電源插座是否接觸良好
	2	電源插座是否有適合的交流電壓
不能級聯使用	1	確認是在通電前連好級聯控制綫
	2	檢查級聯綫是否連接正確，接觸良好
其它故障	1	請對照說明書檢查機器設置與連綫是否正確
	2	請向當地特約維修點專業人員諮詢或登陸本公司網站查詢

按上述方法操作仍無法工作，請向當地特約維修點專業人員諮詢。



## 8 技術規格說明

型號	GP820
整機最大輸入功率	16KW
各電源通道最大輸出功率	2KW
延時通斷時間	1秒
級聯控制	有
BYPASS功能	有
工作電壓	~ 220-240V 50-60Hz
淨重	5.7Kg
毛重	7.6Kg
機身尺寸（長x寬x高）	483×291×88 mm
包裝尺寸（長x寬x高）	526×369×145mm



## 9 環境保護

### 包裝



對於包裝，選擇了可用于正常回收的環保材料。確保塑料袋，包裝等妥善處理。

不要僅僅將這些材料與日常生活垃圾一起處理，但要確保將它們被收集回收。請遵循包裝上的注意事項和標記。



### 舊設備處置

本產品受當前有效版本的歐洲廢棄電子電氣設備指令（WEEE）約束。不要當做日常生活垃圾處理。

通過認可的廢物處理公司或通過當地的廢物處理設施處置此設備。丟棄設備時，請遵守貴國適用的規則和規定。如有疑問，請諮詢當地的廢物處理機構。

