DA2004
DA1204
DA804
DA404

Professional Power Amplifier

Operating Manual

IMPORTANT SAFETY INSTRUCTIONS

CHINESE

WARNING: When using electrical products, basic cautions should always be followed, including the following:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding plug. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
11. Only use attachments/accessories provided by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Never break off the ground pin. Write for our free booklet "Shock Hazard and Grounding." Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
16. If this product is to be mounted in an equipment rack, rear support should be provided.
17. Note for UK only: If the colors of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows: a) The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, colored green or colored green and yellow. b) The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black. c) The wire that is colored brown must be connected to the terminal that is marked with the letter L or the color red.
18. This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
19. The on/off switch in this unit does not break both sides of the primary mains. Hazardous energy can be present inside the chassis when the on/off switch is in the off position. The mains plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
20. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures:

Duration Per Day In Hours	Sound Level dBA, Slow Response
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Earplugs or protectors to the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss, if exposure is in excess of the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.

SAVE THESE INSTRUCTIONS!

重要安全事项

警告 :操作电器产品时，请务必遵守基本安全注意事项，包括 ：

1. 阅读说明书。
2. 妥善保管说明书。
3. 注意所有安全警告。
4. 按照要求和只是操作。
5. 请勿在靠近水（或其他液体）的地方使用本机。
6. 本机只能用干燥布料擦拭。
7. 请勿遮盖任何散热口。确实依照本说明书安装本机。
8. 请勿将本机安装在任何热源附近，例如电暖气、蓄热器件、火炉或其他发热电器（包括功率放大器）。
9. 请勿破坏两脚型插头或接地型插头的安全装置。两脚型插头有两个不同宽度的插头片，一个窄，另一个宽一点。接地型插头有两个相同的插头片和一个接地插脚。两脚型插头中宽的插头片和接地型插头接地插脚起保障安全的作用。如果所附带的插头规格与您的插座不匹配，请让电工更换插座以保证安全。
10. 请勿踩踏或挤压电源线，尤其是插头、插座、设备电源输入接口或电源线和机身连接处。
11. 本机只可以使用制造商指定的零件/配件。
12. 本机只可以使用与本机搭售或制造商指定的机柜、支架、三角架、托架或桌子。使用机柜时，请小心移动已安装设备的机柜，以避免机柜推翻造成身体伤害。
13. 在雷雨或长期不使用的情况下，请拔掉电源插头。
14. 所有检查与维修都必须由指定的专业维修人员进行。本机的任何形式的损伤都需检修，例如电源线或插头受损，有液体或物体落入机身内，曾暴露于雨天或潮湿的地方，不能正常运作，或曾掉落后损坏等。
15. 不得拔出接地插脚。请写信索取免费手册《Shock Hazard and Grounding》。使用前，请仔细检查确认所使用的电源电压是否匹配设备上标注的额定电压。
16. 如果本机装在机柜中，其后部也应给予相应的支撑固定。
17. **Note for UK only: If the colors of the wires in the mains lead of this unit do not correspond with the terminals in your plug,** proceed as follows:
    a) The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol,colored green or colored green and yellow.
    b) The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black.
    c) The wire that is colored brown must be connected to the terminal that is marked with the letter L or the color red.
18. 本机不得暴露于滴水或溅水中。请勿将诸如花瓶等装有液体的物体放置于本机上。
19. 本机电源开关不能同时断开两端的电源，完全切断外部电源。因此当开关位于“OFF”位置时，本机外壳仍有可能带有触电的危险。电源插头或耦合器能够与设备或电源容易分开，保证电源的完 全切断，从而保证安全。
20. 声压级较高的噪声容易造成听力的永久性损失。因噪声而造成的听力损失程度，个体间的差异较大，但几乎每个人在声压级较高的噪音环境里一定时间，都会有不同程度的听力损失。美国政府职业安全与保健管理局(OSHA)就此规定了下列容许噪声级：

每天持续小时数	声压级（dBA）慢反应
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 or less	115

根据OSHA，任何超出以上所允许的范围，都会造成部分听力的损失。使用本功放系统时，必须佩戴如耳塞等保护耳朵的器件，防止长时间处于上述限制级以上的环境而引起永久性听力受损。本机运行时，如果超过上述所规定的最大限制，为了能抵御较高的声压对于听受损所造成的潜在危险，建议使用诸如功放系统等引起高声压级的噪声的所有人均佩戴保护耳朵的器件。

请妥善保管本说明书！

ENGLISH

Intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

CAUTION: Risk of electrical shock — DO NOT OPEN!

CAUTION: To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

WARNING: To prevent electrical shock or fire hazard, this apparatus should not be exposed to rain or moisture, and objects filled with liquids, such as vases, should not be placed on this apparatus. Before using this apparatus, read the operating guide for further warnings.

Protective earthing terminal. The apparatus should be connected to a mains socket outlet with a protective earthing connection.

Logo referenced in Directive 2002/96/EC Annex IV(OJ(L)37/38,13.02.03 and defined in EN 50419: 2005

The bar is the symbol for marking of new waste andis applied only to equipment manufactured after 13 August 2005

Correct Disposal of this product. This marking indicates that this product should not be disposed with other house hold wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems, or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

CHINESE

三角形内带有箭头闪电状符号意在敬告用户，表明产品内部有非绝缘的"危险电压"存在，而且具有足以致人触电的危险。

三角形内的感叹号意在警告用户，表明与机器的操作和维护（维修）有关的重要说明。

警告 :触电危险—勿打开！

警告 :为了避免触电危险，请勿打开机壳。机内无用户可以维修的部件。需要维修时，请与指定的专业维修人员联系。

警告 :为了避免触电或火灾危险，请勿将本机置于雨中或潮湿之处。请勿将装满液体的物体，例如花瓶等置于本机之上。使用本机之前，请仔细阅读本操作说明书中的安全说明。

保护接地端子。设备应该连接到带有保护接地连接的电源插座。

标志参照 2002/96/EC 指令附录 IV(OJ(L)37/38,13.02.03 和 EN 50419: 2005 定义

条码符号标示新废弃物，仅适用于 2005 年 8 月 13 日后生产的设备

正确处理此产品。此标志表明该产品在整个欧盟区内不应该与其他家居生活废弃物一同处置。为防止因无控废弃物处置对环境或人类健康可能造成的危害，请负责地回收并促进可重复使用的物质资源。要返还旧设备，请使用退返收集系统，或联系购买此产品的零售商。他们会为环境安全回收此产品。

FCC Compliancy Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, that may cause undesired operation.

Warning: Changes or modifications to the equipment not approved by Peavey Electronics Corp. can void the user's authority to use the equipment.

Note - This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Peavey Electronics Corporation • 5022 Hartley Peavey Drive • Meridian, MS • 39305
(601) 483-5365 • FAX (601) 486-1278 • www.peavey.com • 80305796 • ©2011
CAN ICES-3 B/NMB/3B

ENGLISH

DA404/804/1204/2004

Congratulations on your purchase of an DA power amplifier, designed for years of reliable, flawless operation under rigorous use. The groundbreaking DA series utilizes an advanced design that allows Peavey engineers to dramatically reduce weight while increasing output power, reliability and thermal efficiency. DA Series amplifiers are designed with a resonant switch-mode power supply and a high-speed class D topology that yields the highest audio resolution and efficiency available. This revolutionary amplifier offers the sonic superiority and unsurpassed reliability for which Peavey is famous, in an extremely efficient and lightweight design. Advanced technology and extensive protection circuitry allow operation with greater efficiency into difficult loads and power conditions. The DDT™ (Distortion Detection Technique) circuitry ensures trouble-free operation into loads as low as 2 ohms. DDT protects drivers and ensures that sonic integrity is maintained, even in extreme overload conditions. The DA's high-efficiency design allows the amplifier to operate at very low temperatures, and does not require massive heat sinks to cool. For your safety, read the important precautions section, as well as input, output and power connection instructions.

Although the DA amplifier is simple to oper ate and housed in an ultra-strong, ultra-lightweight chassis, improper use can be dangerous. This amplifier is very high-powered and can put out high voltages and sizable currents at frequencies up to 20 kHz. Always use safe operating techniques when operating this amplifier.

Before you apply power to your amplifier, it is very important to ensure that the product has the proper AC line voltage supplied. You can find the proper voltage for your amp printed next to the IEC line (power) cor d on the rear panel of the unit. Each product feature is numbered.
Refer to the front-panel diagram in this manual to locate the particular features next to its number.

Please read this guide carefully to ensure your personal safety as well as the safety of your amplifier.

FEATURES:

- Gain and mode adjustment
- DDT™ protection
- Revolutionary DA class D topology
- Detented input controls
- XLR inputs
- Speakon outputs
- Ultra-light weight
- Individual signal patch on each channel
- Standby, LED power present indication

VENTILATION: For proper ventilation, allow 12" clearance from nearest combustible surface.
Make sure that vents are not blocked and air can flow freely through the unit.

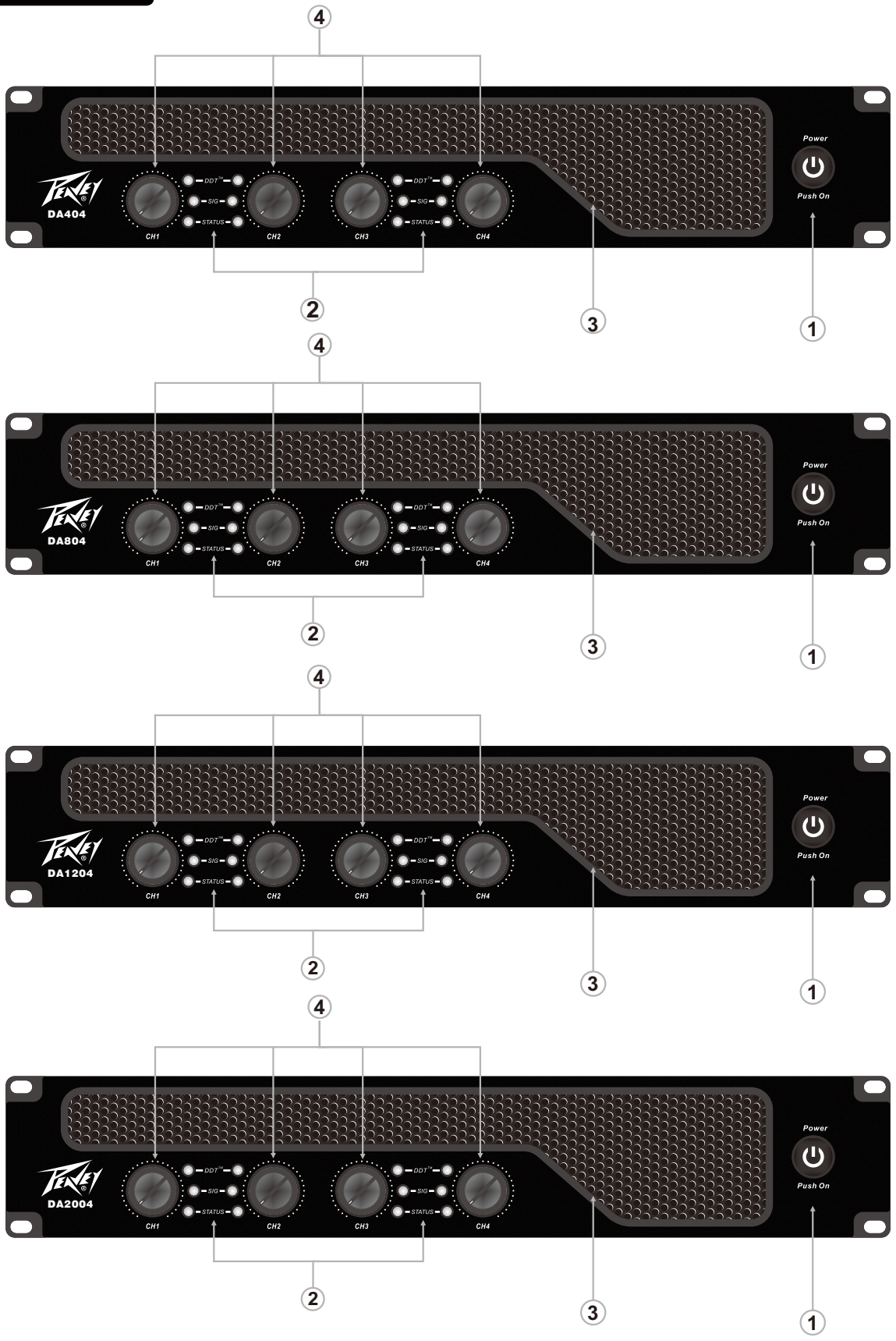
NOTE: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of theFCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the follo wing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or and experienced radio/TV technician for help.

Front Panel


4
DA404
DDT™
SIG
STATUS
CH1
CH2
CH3
CH4
Power
Push On
2
3
1
4
DA804
DDT™
SIG
STATUS
CH1
CH2
CH3
CH4
Power
Push On
2
3
1
4
DA1204
DDT™
SIG
STATUS
CH1
CH2
CH3
CH4
Power
Push On
2
3
1
4
DA2004
DDT™
SIG
STATUS
CH1
CH2
CH3
CH4
Power
Push On
2
3
1

Front Panel

1 **AC POWER SWITCH**

There is a main power switch on the front panel of the DA series power amplifier, which directly controls the power amplifier's startup and shutdown. If the power amplifier cannot be turned on and off normally, please check whether the main power input circuit is normal. If the problem cannot be eliminated, please contact the operator for repair.

2 **Amplifier working status indicator**

Icon	function	Description
	DDT	When the output signal distortion exceeds 1%, or the pressure limit function is activated, the indicator light will light up in red.
	SIG	When the input signal exceeds "-32dBV", the indicator light will light blue.
	STATUS	**When the power amplifier is working normally, the indicator light will be green; When the power amplifier is protected, the indicator light will light orange.**

3 **Amplifier cooling air inlet**

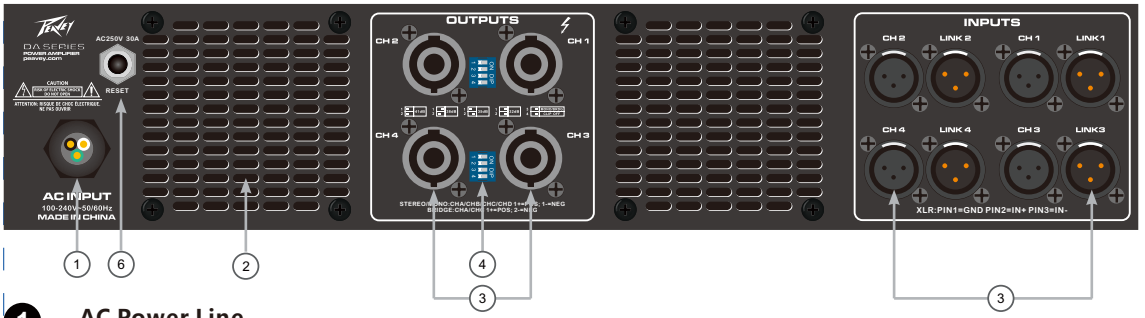
Please do not block this air inlet, so as not to affect the heat dissipation of the power amplifier.
In order to prevent dust from entering the power amplifier, a dust-proof net is covered inside the heat dissipation air inlet.

4 **Channel 1-channel 4 level attenuation knob**

This volume knob is used to adjust the input signal and output volume of the power amplifier.

Rear Panel

DA404/804/1204/2004



1 AC Power Line

This power cord complies with the 3C standard, and this power cord provides AC power for the device. If a non-compliant voltage is connected, it may cause damage to the equipment.

DA404 (4x450w): 10A national standard power plug, 3x1.0mm power cord;
DA804 (4x800w), DA1204 (4x1000w): 10A national standard power plug, 3x1.5mm power cord;
DA2004 (4x2000w): 10A national standard power plug, 3x2.5mm power cord.

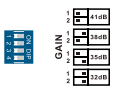
2 Amplifier cooling fan

Do not block this cooling outlet air hole, so as not to affect the power amplifier heat dissipation. At the same time, there must be a space of more than 300mm to ensure the normal heat dissipation of the machine.

3 SPEAKON Outputs

4-pins SPEAKON speaker socket: stereo/mono mode output is CH1/CH2/CH3/CH4: 1+, 1-.
Bridge mode output is CH1/CH3: 1+, 2-.

4 Code switch, the specific usage and functions are described in the following list

	Gain Switch	When the switch is set to 41dB, the voltage gain of the power amplifier is 41dB; when the switch is set to 38dB, the voltage gain of the power amplifier is 38dB; when the switch is set to 35dB, the voltage gain of the power amplifier is 35dB; when the switch is set to 32dB, the power amplifier The voltage gain is 32dB. The gain configuration of different models of machines may be different, please refer to the logo on the chassis for the setting method.
	Model Switch	3 different modes of power output can be set with this switch, including stereo, single channel and bridge mode
	Limit Switch	When the switch is set to CLIP OFF, the clipping limiter is turned off; when the switch is set to CLIP ON, the clipping limiter is turned on.

The user can select the input sensitivity on the power amplifier to match the sensitivity with other third-party devices. Set the DIP switch on the rear panel of the power amplifier to change the input gain and corresponding sensitivity of the power amplifier. The selectable gain values are 26dB, 29dB, 32dB, 35dB, 38dB and 41dB.

Input signal: 1kHz sine wave. The voltage value is RMS value.

Gain(dB)	4x2000w	4x1000w	4x800w	4x450w
26	–	–	–	3.01V
29	–	3.17V	2.84V	2.13V
32	3.18V	2.25V	2.01V	1.51V
35	2.25V	1.59V	1.42V	1.07V
38	1.59V	1.13V	1.01V	–
41	1.13V	–	–	–

5 Channels 1-4 signal input ports

1, 2, 3, 4 channels signal input for XLR connector, used for external audio source signal to the power amplifier. Wiring sequence: 1 pin ground, 2 pin positive, 3 pin negative.

6 Circuit breaker

In the unlikely event of operating conditions that may potentially damage the amplifier, the circuit breaker may trip. After inspecting the cables and connections, the amplifier can be reset. If the circuit breaker trips a second time, contact the local Peavey authorized service center.

Specification

DA Specification Sheet

MODEL		DA2004	DA1204	DA804	DA404
Rated Output Power(THD+N=1%, 1kHz continue sine wave, all channel driving)	8Ω/Stereo	4X2000W	4X1000W	4X800W	4X450W
	4Ω/Stereo	4X3400W	4X1700W	4X1360W	4X765W
	2Ω/Stereo*	4X5780W	4X2890W	4X2310W	4X1300W
	16Ω/Bridge	2X4000W	2X2000W	2X1600W	2X900W
	8Ω/Bridge	2X6800W	2X3400W	2X2720W	2X1530W
	4Ω/Bridge*	2X11560W	2X5780W	2X4620W	2X2601W
Output RMS voltage		126.5V	89.4V	80.0V	60.0V
Sensitivity(Rated Power,1kHz)		selectable 41dB 38dB 35dB 32dB	selectable 38dB 35dB 32dB 29dB		selectable 35dB 32dB 29dB 26dB
THD+N		typical:0.01%(10% rated power , 1kHz , 8Ω)			
Cross-talk		≥90dB(below Rated Power , 20Hz-1kHz)			
Frequency response		typical:+0dB , -0.5dB(10% rated power , 8Ω , 20Hz-20kHz)			
Input impedance		20kΩ (balance),10kΩ (unbalance)			
Damp factor		typical:5000(8Ω , 20Hz-200Hz)			
SNR		⩾105dB(A weighted,20Hz-20kHz,8Ω)			
Main power		100~240VAC , 50/60Hz			
Protection		Under voltage, DC, Over temperature, Over load limiter, Short protection.			
Size(W×H×D)		483x88x460mm	483x88x370mm		
Net weight		15kg	11kg		10kg

* Test condition: 20ms,1kHz,THD+N=1%.

The user can set the power amplifier's sensitivity through the switch on the back panel, so as to match with the third party devices. 26dB,29dB,32dB,35dB, 38dB,41dB are selectable.

Input signal: 1kHz sine wave, Amplitude value is RMS.

Gain(dB)	DA2004	DA1204	DA804	DA404
26	–	–	–	3.01V
29	–	3.17V	2.84V	2.13V
32	3.18V	2.25V	2.01V	1.51V
35	2.25V	1.59V	1.42V	1.07V
38	1.59V	1.13V	1.01V	–
41	1.13V	–	–	–

Power consumption and heat

Test signal: Pink Noise, bandwidth limited from 22Hz to 22kHz

1/8 power is typical of program material with occasional clipping. Refer to these figures for most applications.

1/3 power represents program material with extremely heavy clipping.

4x2000W

		Line Current(A)		Power(W)			Thermal Dissipation	
	LOAD	220V	110V	IN	OUT	Dissipated	Btu/h	kcal/h
standby		0.8	1.6	180.0	0.0	180.0	614.3	154.8
1/8 power	8Ω/CH	6.3	12.6	1388.9	1000.0	388.9	1327.2	334.4
	4Ω/CH	10.4	20.9	2297.3	1700.0	597.3	2038.4	513.7
1/3 power	8Ω/CH	15.0	29.9	3292.2	2666.7	625.5	2134.7	537.9
	4Ω/CH	25.1	50.3	5528.5	4533.3	995.1	3396.1	855.8

4x1000W

		Line Current(A)		Power(W)			Thermal Dissipation	
	LOAD	220V	110V	IN	OUT	Dissipated	Btu/h	kcal/h
standby		0.7	1.5	160.0	0.0	160.0	546.0	137.6
1/8 power	8Ω/CH	3.2	6.3	694.4	500.0	194.4	663.6	167.2
	4Ω/CH	5.2	10.4	1148.6	850.0	298.6	1019.2	256.8
1/3 power	8Ω/CH	7.5	15.0	1646.1	1333.3	312.8	1067.3	269.0
	4Ω/CH	12.6	25.1	2764.2	2266.7	497.6	1698.0	427.9

4x650W

		Line Current(A)		Power(W)			Thermal Dissipation	
	LOAD	220V	110V	IN	OUT	Dissipated	Btu/h	kcal/h
standby		0.6	1.3	140.0	0.0	140.0	477.8	120.4
1/8 power	8Ω/CH	2.1	4.1	451.4	325.0	126.4	431.3	108.7
	4Ω/CH	3.4	6.8	743.2	550.0	193.2	659.5	166.2
1/3 power	8Ω/CH	4.9	9.7	1070.0	866.7	203.3	693.8	174.8
	4Ω/CH	8.1	16.3	1788.6	1466.7	322.0	1098.7	276.9

4x450W

		Line Current(A)		Power(W)			Thermal Dissipation	
	LOAD	220V	110V	IN	OUT	Dissipated	Btu/h	kcal/h
standby		0.2	0.4	40.0	0.0	40.0	136.5	34.4
1/8 power	8Ω/CH	1.4	2.8	312.5	225.0	87.5	298.6	75.3
	4Ω/CH	2.3	4.7	516.9	382.5	134.4	458.6	115.6
1/3 power	8Ω/CH	3.4	6.7	740.7	600.0	140.7	480.3	121.0
	4Ω/CH	5.7	11.3	1243.9	1020.0	223.9	764.1	192.6

*1W=0.860kal/h,1BTU=0.252kcal

中文

DA404/804/1204/2004

感谢您购买DA功率放大器，该功放设计用于在严峻的使用条件下提供经久、可靠和完美的运作。DA系列开创性地采用了先进的设计理念，使Peavey（百威）的工程师们能够在大幅度减轻该机重量的同时，提高输出功率、可靠性和散热效率。DA系列放大器使用开关模式谐振电源及一个高速class D结构，产生最高的可用音频分辨率和效率。这一独出心裁的放大器以极其有效和轻便的设计，提供了Peavey（百威）闻名遐迩的音响优势和无以伦比的可靠性。其先进的技术和广泛的保护电路使操作在对付复杂的负载及电源条件时具有更高的效率。DDT™(Distortion DetectionTechnique)电路确保低至2欧姆的负载能无故障运行。即使在极端的过载状态下，DDT也能保护驱动，保障声波的完整性。DA的高效率设计使放大器的操作温度非常低，不需要大量的散热片进行冷却。为了您的安全，请阅读重要预防措施章节，以及输入、输出和电源连接说明。

虽然DA放大器操作简单，采用超强度、超轻质的机箱，不当使用仍可能发生危险。这个放大器功率非常高，在高达30 kHz的频率上输出高电压和相当大的电流。切记使用安全操作技术操作本放大器。

在你给放大器接通电源之前，要确认设备有正确的AC电源电压供电，这非常重要。你能在设备的后面板上，打印在靠近IEC（国际电工委员会）（电源）线的地方，找到你的放大器所用的正确电压。产品的各项性能都已编号。请参阅本手册的前面板图示，查找各编号项下的具体功能。

请仔细阅读本手册，确保您的人身安全，也确保您放大器的安全。

功能：

- 增益模式调节
- DDT™保护
- 别出心裁的 DA class D结构
- 带定位凹口的输入控制
- XLR输入
- 每通道独立的Speakon输出
- 超轻质
- 各通道上有单独信号转出插孔
- 待机、LED电源接通指示

散热：为确保适当的散热，离最近的可燃面要保持12”间隔。

请确保通风口没有遮挡，空气能在设备内顺畅流通。

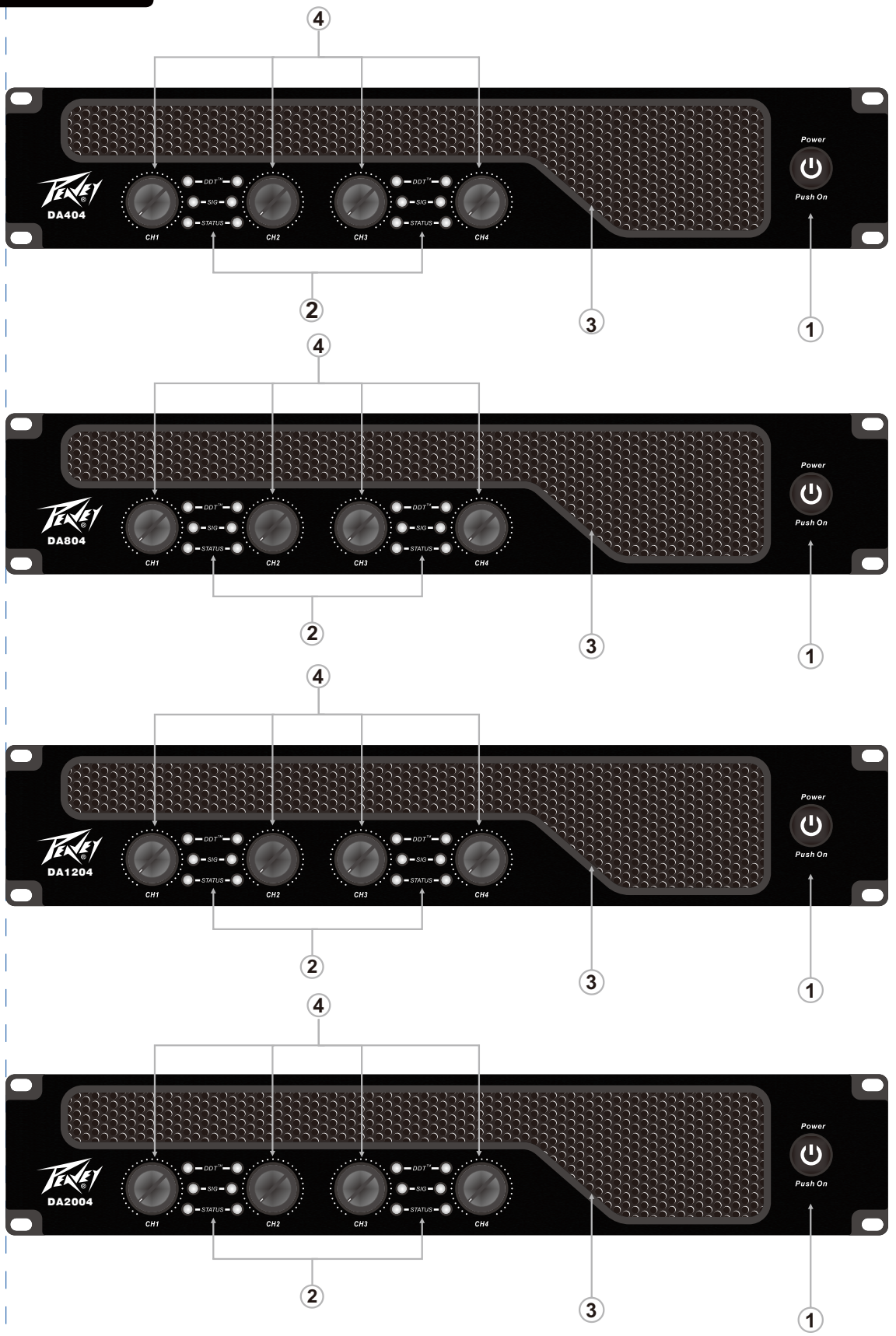
注意：未经合规责任方明确同意，擅自对设备进行变更或改装可能废除用户的设备操作授权。

注意：本设备经测试证明符合FCC（美国联邦通信委员会）规章第15部分有关B级数字设备的限制规定。这些限制旨在对民居住宅安装中的有害干扰提供合理防护。此设备产生、使用并会发射无线射频能量，如果不按照说明进行安装和使用，有可能对无线电通讯产生有害的干扰。

但是，这并不能排除安装的个别设备产生干扰的可能性。如果通过开、关闭此设备，确定此设备确实对收音机或电视机的接收造成干扰，建议用户采用以下一种或多种措施排除干扰：

- 重新调整接收天线的方向或位置。
- 增加设备和无线电接收设备之间的距离。
- 将设备连接到与接收器所使用的不同的电路电源。
- 咨询代理商或经验丰富的收音机/电视机技术人员寻求帮助。

前面板


4
DA404
DDT™
SIG
STATUS
CH1
CH2
CH3
CH4
Power
Push On
2
3
1
4
DA804
DDT™
SIG
STATUS
CH1
CH2
CH3
CH4
Power
Push On
2
3
1
4
DA1204
DDT™
SIG
STATUS
CH1
CH2
CH3
CH4
Power
Push On
2
3
1
4
DA2004
DDT™
SIG
STATUS
CH1
CH2
CH3
CH4
Power
Push On
2
3
1

1 **AC电源开关**

虽然本机具有开机时静音的保护装置，但仍建议您开关机时，先行将四个通道的输入音量旋钮打到最小。一般来说，音响系统的开机程序是先开音源、调音台、最后才打开放大器，以防止刺耳的噪音发生。电源打开后，状态指示灯"STATUS"亮绿色，功放将启动。

2 **放大器工作状态指示灯**

图示	功能	说明
	DDT 限幅指示灯	当输出信号畸变超出1%，或功率压限启动时，指示灯将亮红光；
	SIG 信号指示灯	当输入信号超过“-32dBV”时，指示灯将亮蓝光；
	STATUS 状态指示灯	当功放工作状态正常时，指示灯将亮绿光； 当功放保护时，指示灯将亮橙光；

3 **放大器散热进气孔**

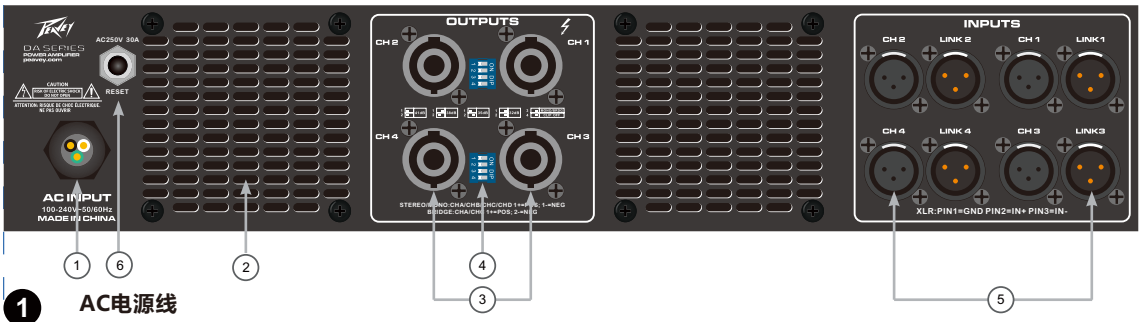
请勿阻挡此进气孔，以免影响功放的散热。功放内部为了防止灰尘进入，散热进气孔里面覆盖了一层防尘网。

4 **放大器1、2、3、4通道音量旋钮**

此音量旋钮是用来调整功放输入信号、输出音量大小，旋钮具有步进功能，方便精确调整音量的大小。

后面板

DA404/804/1204/2004



1 AC电源线

此电源线是符合3C标准，此电源线是为设备提供交流电源。如果接入不符合的电压，可能会导致损坏设备。

DA404(4x450w)：10A国标电源插头,3x1.0mm电源线；
DA804(4x800w),DA1204(4x1000w)：10A国标电源插头,3x1.5mm电源线；
DA2004(4x2000w)：10A国标电源插头,3x2.5mm电源线。

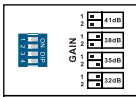
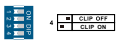
2 功放散热风扇

请勿阻挡此散热出风孔，以免影响功放的散热。同时此处必须留有300mm以上的空间以保证机器正常散热。

3 SPEAKON功放输出

四芯SPEAKON扬声器插座：立体声/单声道模式输出为CH1/CH2/CH3/CH4：1+，1-。
桥接模式输出为CH1/CH3：1+，2-。

4 拨码开关，具体使用方法及功能参见下面列表中介绍

	增益开关	当开关拨为41dB时，功放的电压增益为41dB；当开关拨为38dB时，功放的电压增益为38dB；当开关拨到35dB时，功放的电压增益为35dB；当开关拨为32dB时，功放电压增益为32dB。不同型号机器的增益配置可能不同，设置方法见机箱上的标识。
	模式开关	STEREO-立体声模式 1、2、3、4各通道独立工作。通道1的输入信号通过通道1输出插口输出；通道2的输入信号通过通道 2 的输出插口输出；通道3的输入信号通过通道3输出插口输出；通道4的输入信号通过通道 4 的输出插口输出。 MONO/BRDG-单声道模式/桥接模式 信号从通道1的输入插口输入，从通道1、2的输出插口输出；信号从通道3的输入插口输入，从通道3、4的输出插口输出。
	限幅开关	当开关拨为CLIP OFF时，关闭削波压限器；当开关拨为CLIP ON时，打开削波压限器。

用户可在功放上选择输入灵敏度，与其它第三方设备进行灵敏度匹配。设置功放后面板上的拨码开关，改变功放输入增益和相应的灵敏度。可选择的增益值为26dB、29dB、32dB、35dB、38dB和41dB。

输入信号：1kHz正弦波。电压值为RMS值。

增益(dB)	4x2000w	4x1000w	4x800w	4x450w
26	–	–	–	3.01V
29	–	3.17V	2.84V	2.13V
32	3.18V	2.25V	2.01V	1.51V
35	2.25V	1.59V	1.42V	1.07V
38	1.59V	1.13V	1.01V	–
41	1.13V	–	–	–

5 1、2、3、4通道信号输入端口

1、2、3、4四个通道信号输入为XLR卡侬插座，用来外接音源信号给功放。接线顺序为，1脚地，2脚正，3脚负。

6 断路器

万一有潜在损坏放大器的操作状况发生，断路器会跳闸。在检查了电缆和连接之后，放大器可以重置。如果断路器再次跳闸，请联系当地的Peavey（百威）授权服务中心。

规格表

型号		DA2004	DA1204	DA804	DA404
额定功率 (THD=1%，连续正弦1KHz各通道同时工作)	8Ω/立体声	4X2000W	4X1000W	4X800W	4X450W
	4Ω/立体声	4X3400W	4X1700W	4X1360W	4X765W
	2Ω/立体声*	4X5780W	4X2890W	4X2310W	4X1301W
	16Ω/桥接	2X4000W	2X2000W	2X1600W	2X900W
	8Ω/桥接	2X6800W	2X3400W	2X2720W	2X1530W
	4Ω/桥接*	2X11560W	2X5780W	2X4620W	2X2601W
RMS输出电压(THD=1%，1KHz)		126.5V	89.4V	80.0V	60.0V
输入灵敏度(额定输出功率，1KHz)		可选择 41dB 38dB 35dB 32dB	可选择 38dB 35dB 32dB 29dB		可选择 35dB 32dB 29dB 26dB
THD+N		典型值:0.01%(10%额定输出功率，1kHz，8Ω)			
串扰抑制		≥90dB(低于额定功率，20Hz-1kHz)			
频率响应		典型值+0dB，-0.5dB(10%额定输出功率，8O，20Hz-20kHz)			
输入阻抗		20kΩ（平衡），10kΩ（非平衡）			
阻尼系数		典型值：5000(8O，20Hz-200Hz)			
信噪比		≥105dB(A记权，20Hz-20kHz，8Ω)			
电源要求		90~260VAC，50/60Hz			
保护功能		电源欠压保护、功放输出直流保护、过热保护、温度功率控制、过载功率控制			
尺寸(WxHxD)		483x88x480mm	483x88x390mm		
净重		15kg	11kg		10kg

*,此功率是使用20ms脉冲1kHz正弦波在1%总谐波失真下测量得出。

电源的功耗与发热量

测试信号：粉红噪音，22Hz至22kHz带宽

1/8 功率：常见于削波不严重的音频素材，大部分的应用可以参照这些数据

1/3 功率：常用于削波严重的音频素材

4x2000W

		线电流(A)		功率（瓦）			发热量	
	负荷	220V	110V	输入	输出	耗散	英热单位/小时	千卡/小时
待机		0.8	1.6	180.0	0.0	180.0	614.3	154.8
1/8 功率	8Ω/每通道	6.3	12.6	1388.9	1000.0	388.9	1327.2	334.4
	4Ω/每通道	10.4	20.9	2297.3	1700.0	597.3	2038.4	513.7
1/3 功率	8Ω/每通道	15.0	29.9	3292.2	2666.7	625.5	2134.7	537.9
	4Ω/每通道	25.1	50.3	5528.5	4533.3	995.1	3396.1	855.8

4x1000W

		线电流(A)		功率（瓦）			发热量	
	负荷	220V	110V	输入	输出	耗散	英热单位/小时	千卡/小时
待机		0.7	1.5	160.0	0.0	160.0	546.0	137.6
1/8 功率	8Ω/每通道	3.2	6.3	694.4	500.0	194.4	663.6	167.2
	4Ω/每通道	5.2	10.4	1148.6	850.0	298.6	1019.2	256.8
1/3 功率	8Ω/每通道	7.5	15.0	1646.1	1333.3	312.8	1067.3	269.0
	4Ω/每通道	12.6	25.1	2764.2	2266.7	497.6	1698.0	427.9

4x650W

		线电流(A)		功率（瓦）			发热量	
	负荷	220V	110V	输入	输出	耗散	英热单位/小时	千卡/小时
待机		0.6	1.3	140.0	0.0	140.0	477.8	120.4
1/8 功率	8Ω/每通道	2.1	4.1	451.4	325.0	126.4	431.3	108.7
	4Ω/每通道	3.4	6.8	743.2	550.0	193.2	659.5	166.2
1/3 功率	8Ω/每通道	4.9	9.7	1070.0	866.7	203.3	693.8	174.8
	4Ω/每通道	8.1	16.3	1788.6	1466.7	322.0	1098.7	276.9

4x450W

		线电流(A)		功率（瓦）			发热量	
	负荷	220V	110V	输入	输出	耗散	英热单位/小时	千卡/小时
待机		0.2	0.4	40.0	0.0	40.0	136.5	34.4
1/8 功率	8Ω/每通道	1.4	2.8	312.5	225.0	87.5	298.6	75.3
	4Ω/每通道	2.3	4.7	516.9	382.5	134.4	458.6	115.6
1/3 功率	8Ω/每通道	3.4	6.7	740.7	600.0	140.7	480.3	121.0
	4Ω/每通道	5.7	11.3	1243.9	1020.0	223.9	764.1	192.6

*1W=0.860kal/h,1BTU=0.252kcal

Notes:

Notes:

www.peavey.com

Warranty registration and information for U.S. customers available online at
www.peavey.com/warranty
or use the QR tag below

Features and specications subject to change without notice.

Peavey Electronics Corporation 5022 Hartley Peavey Drive Meridian, MS 39305 (601) 483-5365 FAX (601) 486-1278

Logo referenced in Directive 2002/96/EC Annex IV
(OJ(L)37/38,13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and
is applied only to equipment manufactured after
13 August 2005