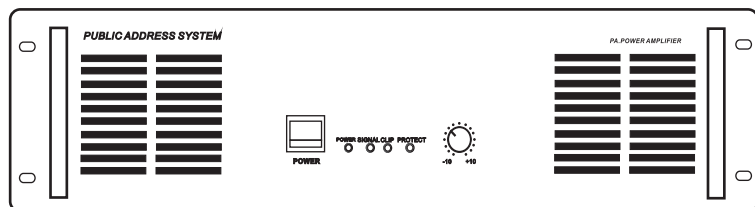


AW-PAA

Power Amplifier Operation Manual



⚠ WARNING ⚠

To avoid electrical shock, do not open the cover yourself. When a malfunction happens, ask for maintenance services from dealer or manufacturer, or you can authorize a professional with professional certificate to repair it. Laypeople should not attempt to disassemble it to avoid electrical shock which may endanger the safety of operating personnel.

> Please Comply with Maintenance Instruction Below:

- Don't Open The Cover;
- Don't Keep It Working Under High Temperature Or High Humidity;
- Avoid Water Or Any Varia Enter;
- Keep It Working In An Airy Place;
- Keep It Away From Direct Sunlight Or Heat;
- When There Is Condensate Water Under A Low Temperature, You Can Start The Machine Only If It Is Dry Inside, Or You May Get Electrical Shock.

> Guarantee Service:

- KAIYUN ELECTRONIC Promise: after the date of purchase, machines on approval for Three Months; free-repair for One Year:
- With valid certification by agents;
- With production serial No. ;
- Starts from the date of purchase, there is malfunction within 15 days and no appearance of damage or lacerations, we will freely replace a new similar item for you;
- The machines on approval within Three Months are similar Fine Items;
- The products comply with upper stipulations can be freely repaired by us.
- Users take the freight charge during the guarantee period. If malfunction happens, please contact the nearest service stations or agents.
- Non guarantee under situations below:
- Man-made damage, clear lacerations or twisted;
- Out of approval or free-repair period;
- Sealing label torn, self-altered or no sealing label;
- Production serial No. altered or disappeared;
- Disassembled or altered machines without authorization;
- Violated the operating or using stipulations;
- Malfunction happened under high temperature, high pressure, wet or other abnormal using places;
- Damaged by lightning, flood, earthquake or other natural calamity.
- KAIYUN ELECTRONIC provide paid repair services for those products out of approval or free-repair period. The paid-repair products have Three-month' s similar problem free-repair right.
- Note: Upper statements are subject to change without notice, explanation right reserved by KAIYUN ELECTRONIC!



ASENWARE LTD

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WEBSITE: www.asenware.com EMAIL: info@asenware.com

Diagram Of Power, Impedance And Output Voltage

W	25V	70V	100V	240V	4Ω	8Ω	16Ω
3	208	1.6K	3.3K	19.2K	3.5	4.9	6.9
6	104	816	1.66K	9.6K	4.9	6.9	9.8
10	62.5	490	1K	5.8K	6.3	8.9	12.6
25	25	196	400	2.3K	10	14.1	20
50	12	98	200	1.2K	14.1	20	28.3
75	8.3	65.3	133.3	768	17.3	24.5	34.6
100	6.25	49	100	576	20	28.3	40
125	5	39.2	80	461	22.4	31.6	44
150	4.17	32.7	66.7	384	24.5	34.6	49
175	3.57	28	57.1	330	26.5	37.4	52.9
200	3.13	24.5	50	288	28.3	40	56.6
225	2.78	21.8	44	256	30	42.4	60
250	2.5	19.6	40	230	31.6	44.7	63.3
300	2.08	16.3	33	192	34.6	49	69.3
400	1.56	12.6	25	144	40	56.6	80
500	1.25	9.8	20	115.2	44.7	63.3	89.5
600	1.04	8.2	16.7	96	49	69.3	98
800	0.78	6.1	12.5	72	56.6	80	113.1
1000	0.63	4.9	10	57.6	63.2	89.4	126.5
1200	0.52	4.1	8.3	48	69.3	98	138.6
1500	0.42	3.3	6.67	38.4	77.5	109	155
2000	0.32	2.5	5.1	27.6	85.2	118	171.4
-----Ohms-----					-----Volts-----		

ITEM NO.	2U			3U				
	360W	500W	650W	800W	1000W	1200W	1500W	2000W
Power Output	360W	500W	650W	800W	1000W	1200W	1500W	2000W
Output Mode	Baianced4-16Ω、70V、100V					Baianced4-16Ω、100V、240V		
Input	AUX/10KΩ、1 V,Unbaianced							
Frequency Response	100Hz-15KHz			60Hz-18KHz				
Distortion	Less than 0.1%at 1KHz,1/3rated power							
S/N	AUX1:78dB			AUX1:90dB				
Rated Work Condition	(100-15KHz) ≤20							
Protection	AC fuse;DC voltage,overload and short Circuit							
Power Input	AC 220-240V/50-60Hz							
Power Consumption	600W	700W	850W	800W	1000W	1200W	1500W	2000W
Fuse	8A	10A	10A	12A	15A	16A	20A	32A
Dimensions	485×410×90mm			485×410×132mm				
Weight	15kg	17.5kg	18kg	24.5kg	25.5kg	30.5kg	31.5kg	33kg

The technical parameter are subject to change without notice.



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APPEARANCE	REASON	SOLUTION
No Power Supply:	Whether The Power Cable Or Power Base Is Well Connected? Whether The Fuse Is Burnt?	Replace the power cable and well connect it; Replace the fuse if it's burnt. (Note: Please check carefully whether the fuse is black or not, if it's black or yellow spots, splintering, it indicates that there is terrible short circuit internal; don't power on the machine again by replacing the fuse, or it'll expand the malfunction.)
No Sound With Power:	Whether the protection LED is OK? Whether the volume potentiometer is on max or audio input is normal? Whether the speakers are OK?	If the protection LED is NG, please contact with your supplier; If the volume potentiometer is on max, please change a CD player and audio cable; Replace the speakers.
Low sound:	Whether the speakers are well connected? Check out the CD disk; Whether the audio input cable is OK? Whether the volume potentiometer is on max? Whether the speakers are OK? Whether it's overload? (This machine has voltage limit function, so the sound will be low when it's overload; please check the load when Clip LED is on and sound is low.)	Check out the cable connections; Replace a CD disk or CD player; Replace the audio cable; Louder the volume potentiometer; Replace the speakers; adjust to a suitable load.
Hoarse Sound:	Whether it's a CD problem? Whether the audio cable is well connected? Whether the speaker cable is well connected? Whether the speakers are OK?	Replace the CD player; Replace the audio cable; Replace the speaker cable; Replace the speakers.

Note: Please Contact With Your Supplier If Upper Solutions Are Useless; Don't Disassemble And Examine The Machine By Yourself To Avoid A Larger Malfunction.

★ Functional Introduction:

- 1、two Channels Mic Inputs, Three Channels Auxiliary Signal Inputs, One Channel Auxiliary Output.
- 2、100v/70v Constant Voltage Output, 4~16Ω Constant Resistance Output (unbalanced).
- 3、with Default Audio Forced-switch, Convenient To Insert Priority Broadcast Program.
- 4、each Signal Has Independent And Master Volume Controller.
- 5、treble And Bass Tone Controller.
- 6、auto Temp-control Fan Force To Cool It Down.
- 7、mic1 Input Port Is Top Priority, Input Signal By This Port Will Restrain Other Port Input Signal.

★ Note:

- 1.the Volume Should Not Be Too Loud, Or The Tone Will Be Distorted;
2. please Low Mic Volume To Minimum When Insert It;
3. please Power Off When Connect A Speaker Cable, Insert Or Pluck Signal Cable;
4. can't Short-circuit When Connect A Speaker Cable;
5. don't Block Up The Air Vent;
6. stop To Use The Machine If Power Cable Is Torn;
7. don't Put The Amplifier Under Places Below:
Bad Airy; Dusty And Wet; Direct Sunlight; High Temperature Or Near To Heat; Quake-affected Places
8. case Must Safely Connect To Earth;
9. keep It's Airy. If The Protect Led Keeps Light After Power On And Signal Input, It Means That There's Short Circuit On Output Cable; Please Turn Off The Power At Once, Power On It Again After Malfunction Removed.

★ Accessories:

Power cable, qualified certificate, guarantee card, user's manual.



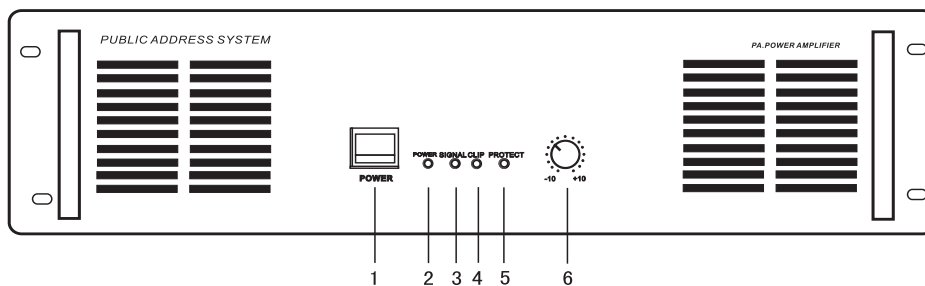
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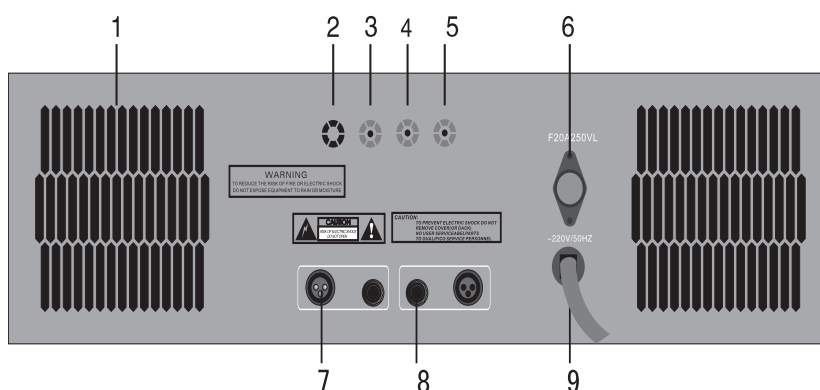
★ FRONT PANEL

◆ 800W. 1200W. 1500W. 2000W. 2400W



- | | | |
|-----------------|----------------|------------------|
| 1. Power Switch | 2. Power LED | 3. SIGNAL LED |
| 4. CLIP LED | 5. PROTECT LED | 6. Master Volume |

★ BACKBOARD



- | |
|---------------------|
| 1. Fan Vent |
| 2. Public Port |
| 3. 4~16Ω Output |
| 4. 70V/100V Output |
| 5. 100V/240V Output |
| 6. Fuse |
| 7. XLR Input |
| 8. Loop Input |
| 9. Power Input |

