

TAKSTAR® 得胜



A 系列 专业功率放大器 A Series Professional Power Amplifier

使用手册 | User Manual

A Series Professional Power Amplifier

■ Preface

Dear Customer,

Thanks for purchasing our product. Read this manual thoroughly for proper use.

If you have any questions or suggestions, please contact our local sales service.

■ Features

- Class-AB design with toroidal transformer power supply.
- Analog amplifier offers sweet sound, detailed mids/highs, and powerful lows.
- Front panel with precise gain control and indicator lights for power, signal, protection, and clipping.
- Each channel includes an automatic protection circuit for short circuit, DC, overheating, and overload.
- Rear-to-front fan cooling system for reliable long-term operation.
- Balanced XLR input and professional SPEAKON output connectors.
- Selectable operating modes via rear DIP switch: stereo, parallel, or bridged.

■ Applications

Suitable for conferences, speeches, and auditoriums.

■ Package Contents

1 × Power Amplifier

1 × User Manual

A Series Professional Power Amplifier

■ Specifications

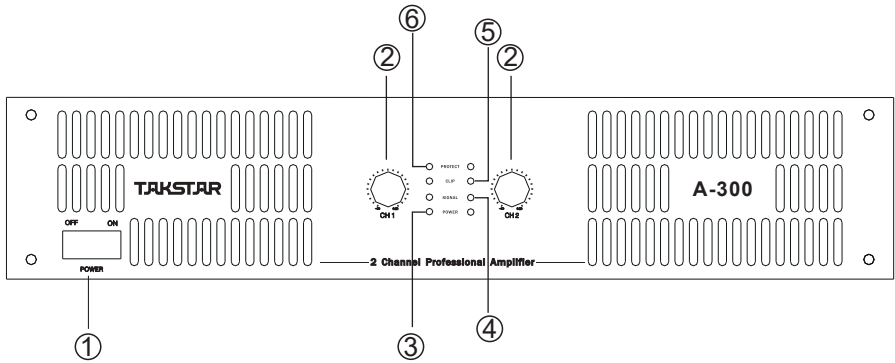
Model		A-200	A-300	A-500
Rated Output Power (1kHz1%THD)	Stereo 8Ω	240W+240W	360W+360W	600W+600W
	Stereo 4Ω	310W+310W	480W+480W	830W+830W
	Bridge 8Ω	600W	910W	1500W
Output Connections		Binding for Stereo & Bridge Output		
Frequency Response		20Hz-20kHz		
Input Sensitivity		1.0V		
Balanced Input Impedance		20k Balanced/10k Unbalance		
Signal-to-Noise Ratio		99dB		
Total Harmonic Distortion		<0.1% (8ohm/1kHz/half power)		
Separation at 8 Ω 1 kHz, Rated Output Power		80dB		
Damping Factor (f=1 kHz, 8 Ω)		250		
Slew Rate		30 V/μs		
Protection Features		Soft Start, Short Circuit, Limiter, DC Fault, AC Line Fuse, Thermal Cut		
Cooling System		Fan Cooling		
Power Supply		AC: 220-240V 50Hz		
Net Weight (kg)		About 11kg	About 11.8kg	About 12.5kg
Dimensions (W×D×H)		485×370×88mm		

Note: The above data are measured by Takstar laboratory which has the final interpretation right!

A Series Professional Power Amplifier

■ Function Descriptions

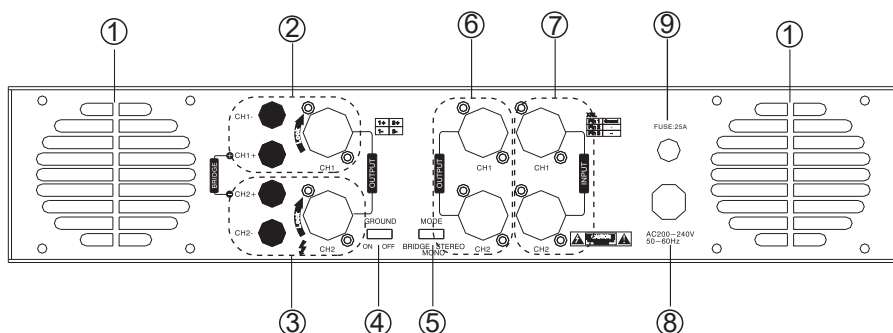
Front Panel Functions



- ① Power Switch: Press to the right to turn on the amplifier; press to the left to turn it off.
- ② Volume Knob: Adjusts volume for CH1/CH2 channels; turn clockwise to increase and counterclockwise to decrease.
- ③ Power Indicator (POWER): Illuminates when the power switch is on.
- ④ Signal Indicator (SIGNAL): Lights up when audio signal is input to the amplifier.
- ⑤ Clip Indicator (CLIP): Lights up when the signal is distorted.
- ⑥ Protection Indicator (PROTECT): Illuminates during output short circuit.

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Rear Panel Functions



① Fan and Ventilation Grills: Ensure these areas are unobstructed during operation to dissipate heat.

② CH.1 Amplifier Output: Features professional XLR and banana plug connectors; CH.1 output: 1+, 1- .

③ CH.2 Amplifier Output: Features professional XLR and banana plug connectors; CH.2 output: 1+, 1-.

④ Ground Isolation Switch:

-FLOAT: Provides insulation of over 1 M Ω between the circuit ground and chassis.

-GROUND: Connects circuit ground to chassis.

⑤ Output Mode Switch: Selects between stereo, parallel, or bridged modes.

-STEREO: Stereo operating mode.

-MONO: Parallel mono mode; both channels output the same signal to drive two speakers.

-BRIDGE: Bridged mono mode; doubles output voltage, use with loads of 4 Ω or higher.

⑥ CH.1/CH.2 XLR Signal Output: Connects to a standard XLR (male) connector to output the same signal to another amplifier; wiring: Pin 1: GND, Pin 2: POS (+), Pin 3: NEG (-).

⑦ CH.1/CH.2 XLR Signal Input: Connects to a standard XLR (female) connector; wiring: Pin 1: GND, Pin 2: POS (+), Pin 3: NEG (-).

⑧ Power Cable: Connects to AC 220V/50Hz power supply.

⑨ Fuse: 220V, 25A fuse for protection.

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■ Safety Instructions

To avoid electric shock, overheat, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:

1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local after-sales service for repair.
3. Power adapter used, if any, should be approved by CCC certification or similar standards and comply with the power supply requirements.
4. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.
5. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
6. Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local after-sales service.

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■ Label Meanings



This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2012/19/EU) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (WEEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with WEEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.

■ About This Manual

This manual contains up-to-date technical specifications as of printing. However, specifications contained herein may not conform to your particular product since Takstar is constantly improving its products. Also, specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local sales outlet. For the latest version/more information, please visit our website: <https://www.takstar.com/>

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产品服务保证书

姓名：_____ 电话：_____ 地址：_____

商品：_____ 型号：_____ 购买日期：_____ 年 _____ 月 _____ 日

维修记录栏（由维修员填写）	维修员签名	日期

注意事项：

1. 本单为保修凭证，请用户妥善保管，如有遗失，恕不保修或退换。
2. 保修期限制：购买之日起十二个月内。
3. 除了不可抗力事件损坏外，由本公司负责，免费维修。
4. 如属保管不善或使用不当造成的损坏，维修点将酌情收费。
5. 擅自拆卸维修者，不予保修。
6. 以上保修条款仅限于中国市场适用（不含港澳台地区）。

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