

# TAKSTAR® 得胜



## MG-150A/200A 广播纯后级功放 Broadcast Pure Power Amplifier

使用说明  
User Manual

# MG-150A/200A 广播纯后级功放

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## ■ 前言

感谢您选购得胜MG-150A/200A广播纯后级功放,为了您能够更好地了解使用本产品,建议您在使用前仔细阅读本说明书。

若存在有疑问或者您有宝贵的建议,可通过拨打得胜官方服务热线400 6828 333或微信扫描二维码关注得胜官方公众号与我们联系。



## ■ 产品特性

- 标准机箱设计,3U铝合金拉丝面板;
- 人性化的抽手设计,美观实用;
- 70-100V定压输出和4-16 $\Omega$ 定阻输出;
- 5单元LED电平指示,工作状态一目了然;
- 6.35mm插口和XLR插口方便环接;
- 输出短路、过流、过载保护及过热告警、饱和失真告警。

## ■ 适用范围

适用于酒店、商场、校园公共广播等场合

## ■ 包装清单

主机 .....	1台
电源线.....	1条
音频转接头(6.35公转莲花母) .....	1个
说明书.....	1份

# MG-150A/200A 广播纯后级功放

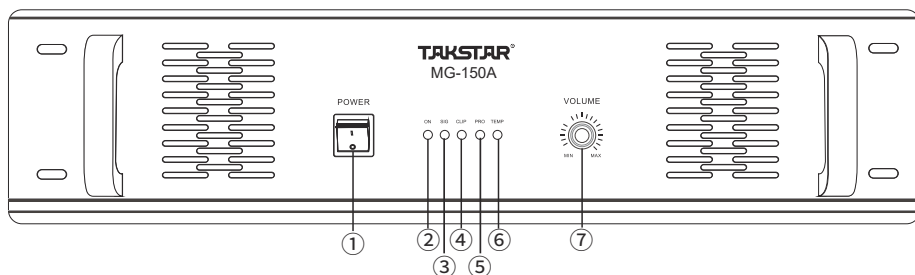
## ■ 技术参数

型号	MG-150A	MG-200A
额定功率	1500W	2000W
频响	100Hz-16kHz	100Hz-16kHz
灵敏度	1000mV	1000mV
信噪比	>80dB	>80dB
谐波失真	<0.1%	<0.1%
电源规格	AC220V/50Hz	AC220V/50Hz
保险丝	10A	10A
净重 (KG)	28.59KG	30.56KG
毛重 (KG)	30.3KG	32.1KG
尺寸	485*480*132mm	485*480*132mm

注：以上数据由得胜实验室测试得到，并拥有最终解释权！

## ■ 功能示意

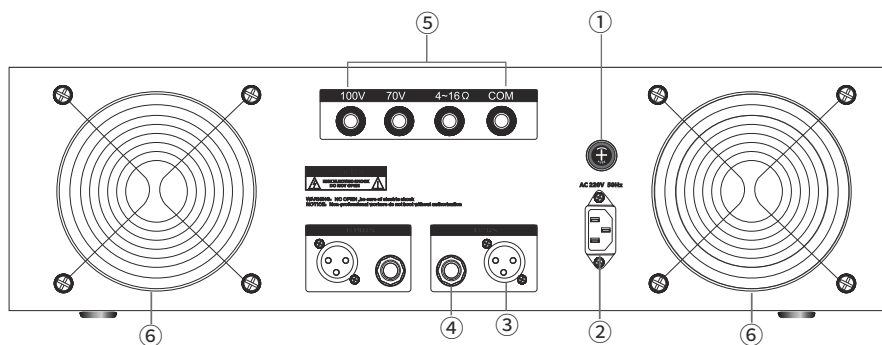
### 前面板



- ① 电源开关
- ② 电源指示灯
- ③ 信号指示灯
- ④ 削波指示灯
- ⑤ 保护指示灯
- ⑥ 超温保护指示灯
- ⑦ 音量调节旋钮

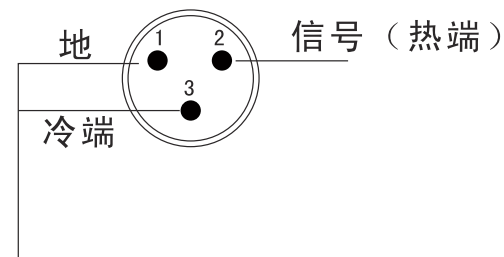
# MG-150A/200A 广播纯后级功放

## 背面板



- ① 保险管
- ② 电源输入插座
- ③ XLR插口
- ④ RCA插口
- ⑤ 4-16Ω, 70V, 100V输出接线端子
- ⑥ 散热风机(通风口)

## 输入连接:

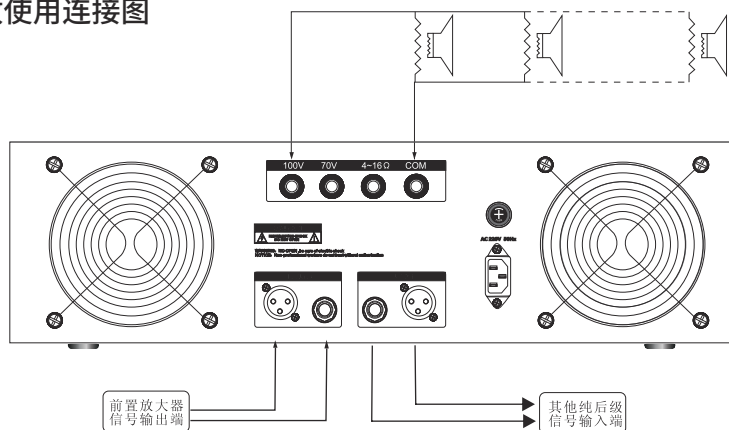


注意:四个输出端子只能使用其中一对。

# MG-150A/200A 广播纯后级功放

## ■ 使用说明

### 功放使用连接图



## ■ 注意事项

1. 功放不能长久在削峰状态下工作, 以免影响机器寿命;
2. 连接喇叭线或插拔信号线时, 必须先关闭电源, 确保操作安全;
3. 切勿堵塞设备通风口, 以维持良好的散热条件;
4. 若发现电源线出现破损, 应立即停止使用, 防止发生安全隐患;
5. 功放不应放置在以下地方: 通风不良区域; 多尘、潮湿处; 阳光直射处; 环境温度高或接近热源的地方; 易受振动等地方;
6. 机壳应安全接地, 避免发生漏电等危险;
7. 保持通风顺畅。当接通电源并输入信号后, 若保护指示灯 (PROTECT LED) 常亮, 表明输出线路存在短路故障, 应立即切断电源, 待故障排除后再重新通电使用。

### 警告:

为防止火灾或电击, 请勿将本机暴露于雨中或潮湿的处所。



仅适用于海拔2000  
米以下地区使用



仅适用于非热带  
气候条件下使用

# MG-150A/200A 广播纯后级功放

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## ■ 安全警示

为避免电击、高温、着火、辐射、爆炸、机械危险以及使用不当等可能造成的人身伤害或财产损失,使用本产品前,请仔细阅读并遵守以下事项:

1. 使用产品时请确认所连设备与本产品是否匹配以及合理调整音量大小,不要在超过产品功率及大音量下长时间使用,以免造成产品异常;
2. 使用中若发现有异常(如冒烟、异味等),请立即关闭电源开关并拔掉电源插头,然后将产品送售后服务网点检修;
3. 消费者若使用电源适配器供电,则应购买配套使用获得CCC认证并满足标准要求的电源适配器;
4. 本产品及配件都应放置在室内干燥通风处,请勿长期存放在潮湿、灰尘多的环境,使用中避免靠近火源、雨淋、进水、过度碰撞、抛掷、振动本机及覆盖通风孔,以免损坏其功能;
5. 使用该产品时需遵守相关安全规定,法律法规明确禁止使用场合请勿使用本产品,以免导致意外事故;
6. 请不要自行拆机改装或维修,以防止出现人身伤害,如有问题或服务需求请联系当地售后服务网点跟进处理。

## ■ 关于本说明书

本说明书中内容符合截止印刷之日的技术规格。由于得胜公司会不断改进产品,本说明书可能不符合您的特定产品的技术规格。要获取最新版说明书,请访问得胜官网,然后下载说明书文件。技术规格、设备或另售的附件在各个地区可能有所不同,如有问题请与当地得胜销售网点确认。如需更多支持和深层产品信息,请浏览得胜官方网站:<https://www.takstar.com>

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# MG-150A/200A Broadcast Pure Power Amplifier

## ■ Preface

Dear Customer,

Thank you for purchasing Takstar MG-150A/200A Broadcast Pure Power Amplifier. In order to better understand and use the product, please read this manual carefully.

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

## ■ Features

- Standard chassis design, with 3U brushed aluminum alloy front panel.
- User-friendly pull handles for both aesthetics and practicality.
- 70-100V constant voltage output and 4-16 $\Omega$  constant impedance output.
- 5-segment LED level meter, allowing operating status to be clear at a glance.
- 6.35mm jack and XLR connector for convenient loop-through connection.
- Output short circuit, over-current, and overload protection as well as overheating alarm, saturation alarm, and distortion alarm.

## ■ Applications

Suitable for public address applications in hotels, shopping malls, campuses

## ■ Package Contents

- 1 × Main Unit
- 1 × Power Cable
- 1 × Audio Adapter (6.35mm Male to RCA Female)
- 1 × User Manual

# MG-150A/200A Broadcast Pure Power Amplifier

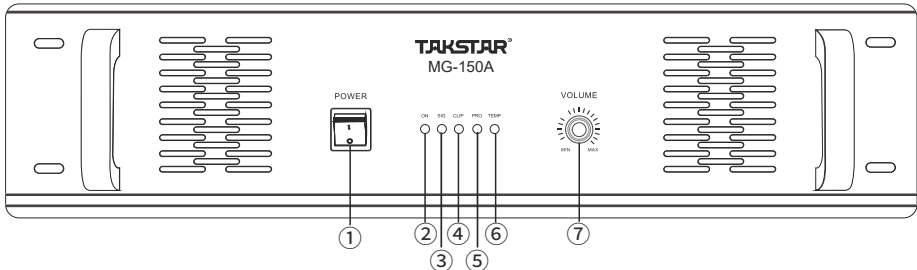
## ■ Technical Specifications

Model	MG-150A	MG-200A
Rated Power	1500W	2000W
Frequency Response	100Hz-16kHz	100Hz-16kHz
Sensitivity	1000mV	1000mV
Signal-to-Noise Ratio	>80dB	>80dB
Harmonic Distortion	<0.1%	<0.1%
Power Supply	AC220V/50Hz	AC220V/50Hz
Fuse	10A	10A
Net Weight (KG)	28.59KG	30.56KG
Gross Weight (KG)	30.3KG	32.1KG
Dimensions	485*480*132mm	485*480*132mm

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

## ■ Function Descriptions

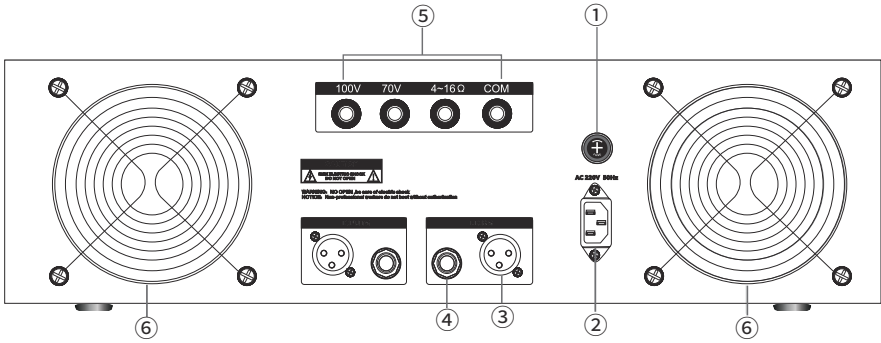
### Front Panel



- ① Power Switch
- ② Power Indicator Light
- ③ Signal Indicator Light
- ④ Clip Indicator Light
- ⑤ Protect Indicator Light
- ⑥ Overheating Protection Indicator Light
- ⑦ Volume Control Knob

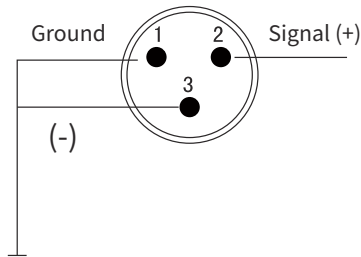
# MG-150A/200A Broadcast Pure Power Amplifier

## Rear Panel



- ① Fuse
- ② Power Input Socket
- ③ XLR Jack
- ④ RCA Jack
- ⑤ 4-16Ω, 70V, 100V Output Terminals
- ⑥ Cooling Fan (Ventilation Vent)

## Input Connection:

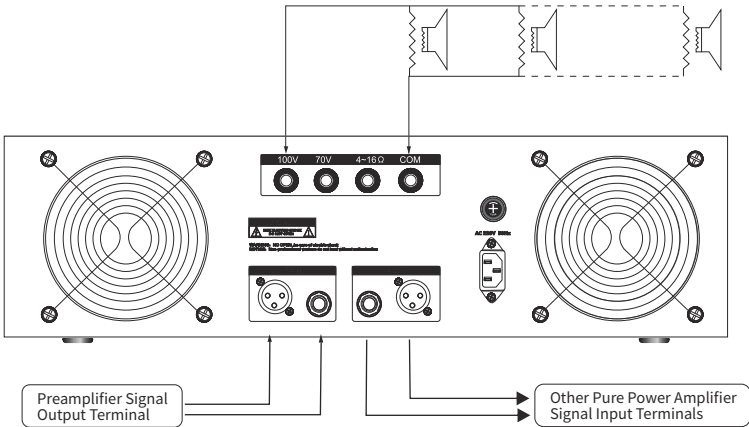


Note: Only one pair of the four output terminals can be used.

# MG-150A/200A Broadcast Pure Power Amplifier

## ■ Operating Instructions

### Power Amplifier Connection Diagram



# MG-150A/200A Broadcast Pure Power Amplifier

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## ■ Cautions

1. The power amplifier should not operate under clipping state for extended periods to avoid compromising its service life.
2. When connecting speaker wires or plugging in/unplugging signal cables, the power must be turned off first to ensure safe operation.
3. Do not block the device's ventilation openings, to maintain good heat dissipation conditions.
4. If the power cable is found to be damaged, stop using the device immediately to prevent potential safety hazards.
5. The power amplifier should not be placed in the following locations: areas with poor ventilation; dusty or humid places; locations exposed to direct sunlight; areas with high ambient temperature or near heat sources; and places prone to vibration, etc.
6. The device chassis must be safely grounded to avoid risks such as electric leakage.
7. Maintain unobstructed ventilation. After the power is turned on and a signal is input, if the PROTECT LED remains on, it indicates a short-circuit fault in the output circuit. Cut off the power immediately, and do not power on or use the device again until the fault is resolved.

### WARNING:

To prevent fire or electric shock, do not expose this unit to rain or moist locations.



For safe use only at altitudes below 2000 meters.



For safe use only under non-tropical climatic conditions.

# MG-150A/200A Broadcast Pure Power Amplifier

## ■ 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 without authorization to avoid injury. If you have any questions or require any services, please contact our local after-sales service.

# MG-150A/200A Broadcast Pure Power Amplifier

## ■ 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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