

# TAKSTAR® 得胜



## SAT-9120

### 广播合并式功放

Broadcast Integrated Amplifier

使用手册 | User Manual

# SAT-9120 广播合并式功放

## ■ 前言

感谢您选购得胜SAT-9120广播合并式功放,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

- 内置无线模块,方便手机无线推送功能;
- 内置MP3解码播放器,播放模式自由切换;
- 支持U盘及TF卡存储歌曲,歌曲更换方便;
- 采用先进高效功率放大电路;
- 设有1路话筒输入,1路线路输入,1路线路输出;
- 100V定压输出,4Ω定阻输出;
- 具有高低音音量调节,可独立控制。

## ■ 适用范围

适用于教室、家用、商铺等场合

## ■ 产品配置

|                   |    |
|-------------------|----|
| 主机 .....          | 1台 |
| 3.5mm转双莲花音频线..... | 1条 |
| 说明书.....          | 1份 |

# SAT-9120 广播合并式功放

## ■ 技术参数

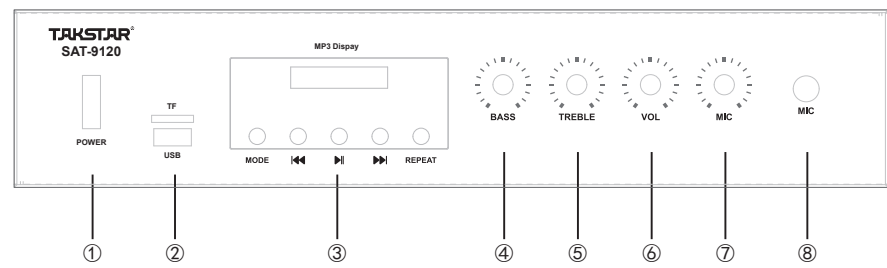
| 型号      | SAT-9120     |
|---------|--------------|
| 定压输出    | 100V         |
| 定阻输出    | 4Ω           |
| 峰值功率    | 120W         |
| 频率响应    | 120Hz-20kHz  |
| 信噪比     | 80dB         |
| 谐波失真    | < 0.5%       |
| AUX 灵敏度 | 500mV        |
| MIC 灵敏度 | 5mV          |
| 净重 (KG) | 约1.95        |
| 产品尺寸    | 320*65*190mm |
| 电源规格    | AC220V/50Hz  |

注：以上数据由得胜实验室测试得到，并拥有最终解释权！

# SAT-9120 广播合并式功放

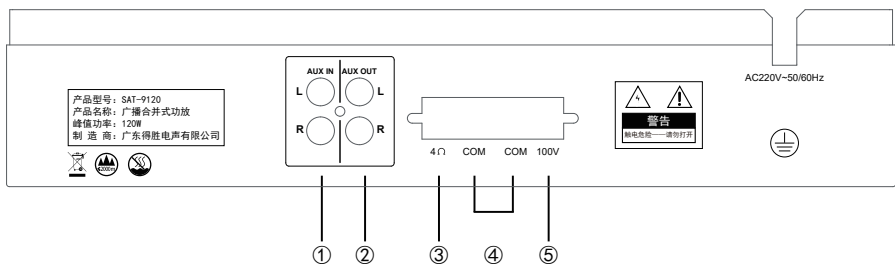
## ■ 功能示意

### 前面板



- ① 电源开关
- ② TF/USB输入接口
- ③ MP3控制面板
- ④ 音乐低音调节
- ⑤ 音乐高音调节
- ⑥ 音乐音量调节
- ⑦ 麦克风音量调节
- ⑧ 麦克风输入接口

### 背面板



- ① 音频输入接口
- ② 音频输出接口
- ③ 4-16Ω输出接口
- ④ COM输出公共端
- ⑤ 70-100V输出接口

# SAT-9120 广播合并式功放

## ■ 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. 接喇叭线或插、拨信号线时请关闭电源;
- 3. 切勿堵塞通风口, 避免设备因散热不畅引发过热故障;
- 4. 电源线如有破损、应立即停止使用;
- 5. 请勿将功放放置在通风不良、多尘潮湿、阳光直射、环境温度过高或邻近热源、易受振动等区域;
- 6. 机壳应安全接地;
- 7. 保持通风顺畅。

## 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2000m以下地区安全使用。



仅适用于非热带气候条件下安全使用。

## ■ 环保说明

产品中有毒有害物质或元素的名称及含量标识表

| 部件名称                                                                                                                                                                         | 有毒有害物质或元素 |           |           |                 |               |                 |                        |                         |                        |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------------|---------------|-----------------|------------------------|-------------------------|------------------------|------------------------------|
|                                                                                                                                                                              | 铅<br>(Pb) | 汞<br>(Hg) | 镉<br>(Cd) | 六价铬<br>(Cr(VI)) | 多溴联苯<br>(PBB) | 多溴二苯醚<br>(PBDE) | 邻苯二甲酸<br>二正丁酯<br>(DBP) | 邻苯二甲酸<br>二异丁酯<br>(DIBP) | 邻苯二甲酸<br>丁基苯酯<br>(BBP) | 邻苯二甲酸<br>二(2-乙基)己酯<br>(DEHP) |
| 塑料部件                                                                                                                                                                         | ○         | ○         | ○         | ○               | ○             | ○               | ○                      | ○                       | ○                      | ○                            |
| 金属部件                                                                                                                                                                         | ×         | ○         | ○         | ○               | ○             | ○               | ○                      | ○                       | ○                      | ○                            |
| 电路板组件                                                                                                                                                                        | ×         | ○         | ○         | ○               | ○             | ○               | ○                      | ○                       | ○                      | ○                            |
| 线缆                                                                                                                                                                           | ×         | ○         | ○         | ○               | ○             | ○               | ○                      | ○                       | ○                      | ○                            |
| <div>注1: ○ :表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。<br/>× :表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。<br/>注2: 以上未列出的部件, 表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。</div> |           |           |           |                 |               |                 |                        |                         |                        |                              |
| <div>此标志为产品的环保使用期限标志,<br/>且此标使用期限只适用于产品正常工作的温度和湿度等条件。</div>                                                                                                                  |           |           |           |                 |               |                 |                        |                         |                        |                              |

# SAT-9120 广播合并式功放

## ■ 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. 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；
4. 若产品需要固定于墙壁或天花板时，请确保固定到位，防止因固定强度不足导致产品发生跌落危险；
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。

## ■ 关于图标含义解释



此符号表示，根据WEEE指令(2012/19/EU)和国家法律，由于这种类型的废弃物会有潜在的有害物质，可能对环境和人类健康产生负面影响，所以本产品不应与您的家庭垃圾一起处置，  
■ 应将本产品应交由授权的电气和电子设备（WEEE）回收站回收。同时，您在正确处理本产品的同时将有助于自然资源的有效利用。如需了解更多有关您可以在何处放置废物回收设备的信息，请联系您当地的城市办事处、废物管理局或家庭废物处理服务部门。

## ■ 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>

版权所有 ©2026 得胜。得胜、TAKSTAR及其各自标志是得胜公司在中国和/或其他国家/地区的注册商标或商标。所有其它商标均是各自所有者的财产。

# SAT-9120 Broadcast Integrated Amplifier

---

## ■ Preface

Dear Customer,

Thank you for purchasing Takstar SAT-9120 Broadcast Integrated 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

- Built-in wireless module for easy wireless audio streaming from mobile phones.
- Built-in MP3 decoder with switchable playback modes.
- Supports music playback via USB drive and TF card for easy song updates.
- Adopts advanced high-efficiency power amplification circuit.
- Equipped with 1 mic input, 1 line input and 1 line output.
- Features 100V constant-voltage output and 4Ω constant-resistance output.
- Equipped with bass and treble controls for independent adjustment.

## ■ Applications

Suitable for use in classrooms, homes, shops, and other similar venues.

## ■ Package Contents

1 × Main Unit

1 × 3.5mm to Dual RCA Audio Cable

1 × User Manual

# SAT-9120 Broadcast Integrated Amplifier

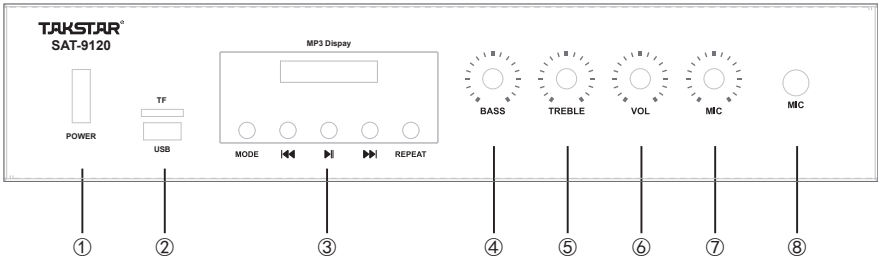
## Specifications

| Model                      | SAT-9120     |
|----------------------------|--------------|
| Constant Voltage Output    | 100V         |
| Constant Resistance Output | 4Ω           |
| Peak Power                 | 120W         |
| Frequency Response         | 120Hz-20kHz  |
| S/N Ratio                  | 80dB         |
| THD                        | < 0.5%       |
| AUX Sensitivity            | 500mV        |
| MIC Sensitivity            | 5mV          |
| Net Weight (kg)            | Approx. 1.95 |
| Dimensions                 | 320×65×190mm |
| Power Supply               | AC220V/50Hz  |

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

## Function Descriptions

### Front Panel



- ① Power Switch

② TF/USB Input

③ MP3 Control Panel

④ Music Bass Adjustment
- ⑤ Music Treble Adjustment

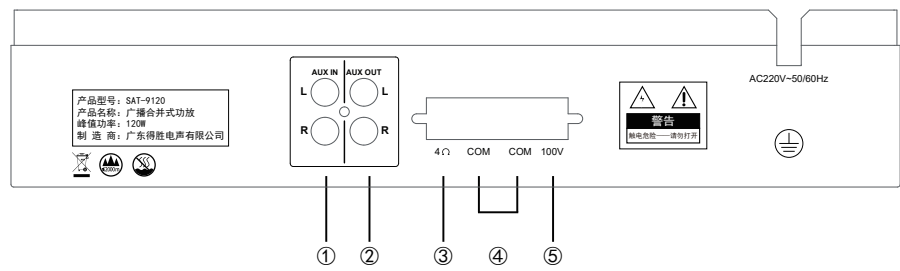
⑥ Music Volume Control

⑦ Mic Volume Control

⑧ Mic Input

# SAT-9120 Broadcast Integrated Amplifier

## Rear Panel



- ① Audio Input
- ② Audio Output
- ③ 4-16Ω Output
- ④ COM Output (Common Terminal)
- ⑤ 70-100V Output

## ■ Cautions

1. Do not operate the amplifier in a continuous clipping state to avoid shortening its service life.
2. Turn off the power before connecting speaker cables or plugging/unplugging signal cables.
3. Do not block the ventilation openings to prevent overheating.
4. Stop using immediately if the power cord is damaged.
5. Do not place the amplifier in poorly ventilated, dusty, humid, direct sunlight, high-temperature, heat-adjacent or vibrating areas.
6. The chassis must be safely grounded.
7. Keep the ventilation unobstructed.

## WARNING:

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



For safe use only at altitudes below 2000m.



For safe use only in non-tropical climates.

# SAT-9120 Broadcast Integrated 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. 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.
4. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
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 unauthorized to avoid injury. If you have any questions or require any services, please contact our local after-sales service.

## ■ 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/>

Copyright ©2026 TAKSTAR. TAKSTAR, 得胜 and their respective logos are registered trademarks or trademarks of Takstar company in the PRC, and/or other countries. All other trademarks are the property of their respective owners.

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)。

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 |
|----------------|-------|----|
|                |       |    |
|                |       |    |
|                |       |    |
|                |       |    |
|                |       |    |
|                |       |    |

◆广东得胜电声有限公司 ◆电话: 400-6828-333 ◆地址: 中国广东省惠州市博罗县龙溪街道夏寮村委会大门村夏照 (得胜创业园)



扫一扫，了解更多产品  
Scan for more  
product information

## 广东得胜电声有限公司制造

地址: 中国广东省惠州市博罗县龙溪街道夏寮村委会  
大门村夏照 (得胜创业园)

服务热线: 400 6828 333 传真: 0752 6383950

邮箱: [xs@takstar.com](mailto:xs@takstar.com)

网址: [www.takstar.com](http://www.takstar.com)

### **Designed & Manufactured by:**

Guangdong Takstar Electroacoustic Co., Ltd.

Address: Takstar Innovation Park, Xiazhao,  
Damen Village, Xialiao Village Committee,  
Longxi Street, Boluo County, Huizhou City,  
Guangdong, P.R. China

Tel: 86 752 6383644 Fax: 86 752 6383952

Email: [sales@takstar.com](mailto:sales@takstar.com)

Website: [www.takstar.com](http://www.takstar.com)