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TAKSTAR® 得胜

用户手册
USER MANUAL



TS-6700HH/PP

VHF 频段无线麦克风系统
VHF PROFESSIONAL WIRELESS MICROPHONE SYSTEM

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 (Pb)	贡 (Hg)	镉 (Cd)	六价铬 (CrVI)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑料部件	○	○	○	○	○	○
金属部件	×	○	○	○	○	○
电路板组件	×	○	○	○	○	○
线缆	×	○	○	○	○	○
<p>本表格依据SJ/T 11364的规定编制。</p> <p>○: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572规定的限量要求以下。</p> <p>×: 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 GB/T 26572规定的限量要求。</p>						
<p>此标志为产品的环保使用期限标志， 且此标保使用期限只适用于产品正常工作的温度和湿度等条件。</p>						

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

※ Simple method for trouble

Phenomenon	Reason
Put the power ON/OFF switch of receiver to ON position, the indicator don't light.	Check the adopter connect well or not, if the socket is broken.
When speaking the light RF is on, but the system can't delivery sound.	If the power ON/OFF switch is pushed to the middle position, if the volume control is on the lowest position.
The using distance shorten, the signal is unsteady.	Haven't pull out the antenna, the battery inside microphone is to run out of soon, please change it, the receiver put in unappropriate position for example, on the ground or on the corner of the wall, there is strong interference from electromagnetic field, it should be put far away from electromagnetic field.
Bad sound quality	The battery has run out of please change it around this position, there is high frequency signal of same frequency please do not use machine of same frequency at the same time and same place. (At least the distance must be 100meter between machine of same frequency.)
If any trouble or problem without mention in the manual. Please do not open and repair it by your self. Please contact the distributors or us. We will try our best to service you.	

特别声明

TAKSTAR®得胜 商标, 均已

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※ 如有功能上的问题, 请留意本公司的文宣咨询或网上查询
www.takstar.com

※ 对其中涉及的描述和图像, 以包装箱内内容和实物为准。

※ 注意事项

- 为了可以使您更好地使用本产品，请在使用前，详阅本说明书，了解正确操作方法，以获得最佳的使用效果；并请妥善保存好本说明书，以备将来需要。

※ 产品介绍

传统无线麦克风因频率低等多种原因致使容易受到干扰特别是来自CD/VCD/LD等数码设备散发出的大量谐波，为解决这一问题，我们设计了TS系列专业级的无线麦克风，除采用了常用的提高频率，多级窄带高频及中频选频滤波、多重噪音控制方式之外，更设计了独特的干扰噪音静噪功能，将非本系统的干扰信号拒之门外。

本系列特殊设计的VHF频段无线麦克风系统适用于任何公众演讲及卡拉OK表演。这套系统有着长距离(30-50米)和高保真的音色，频率响应宽广的变化范围(60-15000Hz)和低失真，可以让您随时随地放心地使用。

※ 主要特性

- 使用 VHF 220-270MHz 频段，避免干扰频率
- 采用多级窄带高频及中频选频滤波，充分消除干扰信号

- 采用低电压设计,电池电压低到4V仍可工作
- 采用特别ALC电路不用担心音量过大而失真
- 麦克风发射器具有电量指示电路，提示更换电池
- 特设手持麦克风开关噪声冲击波消除电路
- 采用石英振荡电路，具有较高的频率稳定性
- 采用音频压缩-扩展技术，噪音大大减小，动态范围加大
- 设有声反馈防啸叫功能，能有效减小回受啸叫
- 具有独立的输出和混合输出，可接调音台和卡拉OK放大器

※ 标准配置

TS-6700HH	
手持麦克风	二支
接收机	一台
音频连接线	一条
电源适配器	一个
9V电池	二个
TS-6700PP	
接收机	一台
腰挂发射器	二个
音频连接线	一条
电源适配器	一个
AA1.5V电池	四节
领夹麦克风	二个
头戴麦克风	一个

※ SPECIFICATION:

Mute Control: Locked audio frequency & noise
 Frequency Deviation: 15kHz
 Frequency Response: 60Hz-15kHz
 Frequency Steadiness: $\pm 0.005\%$
 S/N Ratio: >80dB
 Total Harmonic Distortion: 0.5%(1kHz)
 Channel: two channels
 Sensitivity: -80dBm
 Max. Effective Range:
 50m in open area (TS-6700HH)
 is 30m (TS-6700PP)
 Resonance Interfere rate: $\geq 50\text{dB}$
 False image Interfere rate: $\geq 80\text{dB}$
 Receiver Power Supply: DC 12V/300mA
 Transmitter Power Supply:
 9V tier battery (Handheld mic)
 2pcs AA batteries (Body pack transmitter)
 Transmit Power: <10mW
 Frequency Range: 220MHz-270MHz

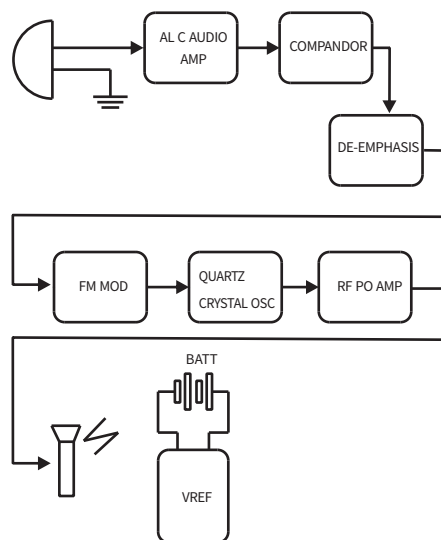
※ STANDARD ACCESSORY:

TS-6700HH		TS-6700PP	
Receiver	1pc	Receiver	1pc
Handheld mic	2pcs	Body pack transmitter	2pcs
Audio output cable	1pc	Audio output cable	1pc
AC adaptor	1pc	AC adaptor	1pc
9V battery	2pcs	AA battery	4 pcs
		Tie-clip mic	2pcs
		Headset mic	1pc

OPERATION

1. When you install the receiver, it should be more than 1m high from the floor, more than 1m Beyond the wall.
2. Avoid putting the main machine in a blind angle when it is used this is for keeping signal-receiving in a good condition.
3. Don't throw fall toss cast the handling microphone when it is used, in case damage it seriously.
4. Please keep the machine from direct sunshine or rains, and put it in a place as far as possible from the magnetic field.
5. Don't change the inner system of the machine if without the authorized for manufactory. If you change accessory of the inner system, which cause the machine can not use and make the guarantee is ineffective.
6. Don't open it yourself, because there is high voltage in it.

MICROPHONE'S WORK GRAPH



※ OPERATION:

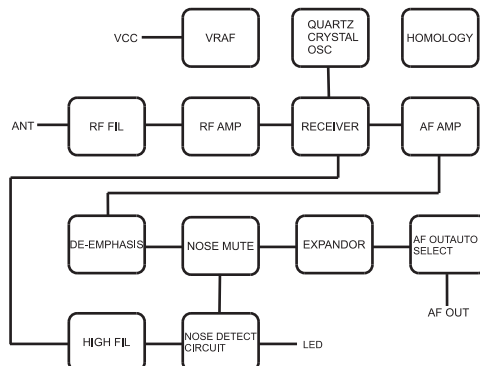
OPERATION OF THE RECEIVER

1. Insert the plug of the adopter into the power-supply socket, make sure the voltage is AC 220V/50Hz.
2. When turning on the power switch, the power indicator will light up.
3. Pull out the antennas A and B and place them in the perpendicular position to the machine.
4. The connection of the audio output: an auto-selecting circuit is used with the receiver's audio output. In case of using a complex output, simply use an audio output cable and connect it with an output socket. In case of using an independent output, connect it with another audio output cable.
5. When the microphone is working, the RF light of the receiver lights up. The volume s

controlled at the receiver's.

6. If not used for a long time, please disconnect the adapter from the power supply.

OPERATION OF THE RECEIVER

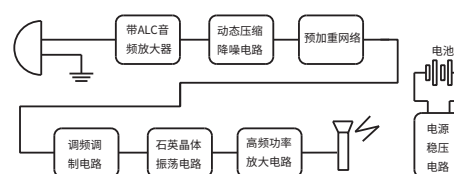


※ 使用事项

麦克风的操作

1. 电池安装:
手持麦克风: 按反时针方向旋开发射器尾管, 装入9V层叠电池。
领夹发射器: 按发射器上所标示“OPEN”字样处, 向下压并将盖后推, 装入两节1.5V电池。
注意: 电池的正负极不能接反。
2. 将电源开关推至“ON”, 如电源指示灯不亮, 应检查电池电压是否不足或电池极性是否接反。
3. 将电源开关推至中间档时, 手持麦克风将关闭拾音功能, 抑制噪音通过接收机。
4. 将领夹麦克风或头戴麦克风的插头插入发射器的“MIC”插孔内, 并将插头按顺时针旋转, 锁紧插头。
5. 领夹麦克风的音量大小可在领夹发射器上调节, 将旋钮往“MIN”方向调节, 则降低音量, 反之则提升。
6. 若长期不使用, 请从麦克风取出电池, 以免电池漏液而损坏麦克风。

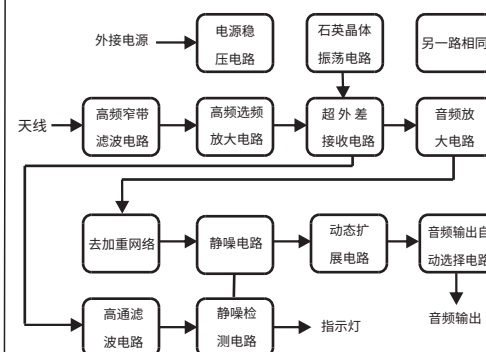
麦克风工作原理:



接收机的操作

1. 将电源转换器插头插入交流220V/50Hz供电插座。
2. 打开电源开关, 电源指示灯亮。
3. 拉出天线A和B, 使之与机体成90度角。
4. 音频输出的连接: 本接收机音频输出采用自动选择输出电路, 如果需要混合输出, 则只要用一条音频输出线与任何一个输出插座连接即可。如果需要独立输出, 则只需连上另一音频输出线即可。
5. 当手持麦克风或领夹发射器开机后, 接收机“RF”信号灯亮, 接收机输出音量大小, 可由音量控制旋钮调整。
6. 若长期不使用请拔出电源转换器。

接收机工作原理:



※ 注意事项

- 接收机的安装离地面要高于一米，距墙面要大于一米
- 主机使用时应避免放置到死角的地方以确保信号接收状况良好
- 使用手持麦克风时，请勿抛、摔、扔、丢，以免造成严重损坏
- 机体应避免直接日晒雨淋，尽量远离电磁场
- 没有经过厂家授权同意，用户不得擅自对机体内部做任何的修改和变动。修改或擅改系统内部配件可能导致机器不能正常工作，并可能使保修承诺作废
- 请勿自行拆卸，内有可能伤及身体的高压

※ 技术参数

静音控制：锁噪声
 频偏：±15kHz
 频率响应：60Hz-15kHz
 频率稳定度：±0.005%
 信噪比：>80dB
 失真度：<0.5%(1kHz)
 频道数：两通道
 灵敏度：-80dBm
 使用距离：
 有效距离50米 (TS-6700HH)
 有效距离30米 (TS-6700PP)
 接收机供电：外接DC 12V/300mA 电源适配器
 发射器供电：
 9V 电池(TS-6700HH)
 AA 1.5VX2 电池(TS-6700PP)
 发射功率：<10mW
 频率范围：220MHz-270MHz
 输出方式：独立及混合自动选择

※ 故障现象/故障原因

故障现象	故障原因
打开接收机电源开关，指示灯不亮	检查电源转接器是否插好，插座是否有电。
讲话时“RF”灯亮但系统完全无声输出	麦克风电源开关是否拨至中间档，音量旋钮是否调小。
使用距离变短，信号不稳定	接收机天线没拉出，麦克风电池即将用完，请更换。接收机放置位置不对，例如放在地上或墙角。周围有强烈的电磁场干扰，应远离电磁场。
音质变差	麦克风电池已经用完，请更换。周围有同频率之高频信号，切勿将两台同频率的机器同时同地使用（至少相隔100米）

如果出现的故障不包含在上表，切勿自行拆开修理，请联系厂家或当地经销商！

※ FUNCTION INTRODUCTION:

For many reasons, such as low frequency, traditional wireless microphones system are easy to be interfered, especially because many machines, CD, VCD and LD, radiate out too many harmonic. To solve this problem, we designed this kind professional TS series wireless microphone. We adopt a series of measures to improve its functions, advance frequency using multilevel high frequency and mid frequency narrowband filter, multiple noise detect and control. We also design it special functions to avoid interference from outside.

This VHF band wireless microphone system suitable for any public speeches and karaoke performance. This system has a long distance (30~50m) for using with high fidelity tone quality. Has wide frequency response range (60~15000Hz). You can use it put your heart down at any time or where but without frequency distortion.

※ Features:

- Use VHF 220~270MHz frequency band. Avoid to interfere the frequency.
- Hi-frequency with narrow-band and mid-frequency with selection filter, clear up interference of the hash.
- Designing with a low-voltage, even the voltage of the battery below to 4V, it is also in a normal condition.
- A special ALC circuit handles very high sound pressure levels but without distortion.
- The microphone transmitter with a power indicated circuit, prompt to change the battery.

- A special circuit for clear up the shock noise of the switch.
- Quartz shake circuit with a high stable performance to the frequency.
- The special technology treatment of audio frequency, make the noise lowest, also enlarge the dynamic range.
- Can reduce the feedback of the howling effectively.
- Has a independent output and mix-output, can be connected with a tune or karaoke amplifier.

※ OPERATION:

OPERATION OF THE MICROPHONE

1. Handheld -microphone: Screw the battery box open anticlockwise, then put in a 9V battery.
 Tie-clip transmitter: according the place where is marked open, push the cash down and forward, put in 2pcs AA batteries.
 Attention: the polarity should be right.
2. Turn on the microphone. If the light does not twinkle, you should check the battery if the voltages enough or it is well arranged.
3. Put the switch on middle position, the receiver will cut out audio output and control noises through it.
4. Insert the plug of the tie-clip microphone or headphone into MIC socket of the transmitter, screw the plug clockwise and lock it.
5. The volume of the tie-clip microphone can be controlled by adjusting the volume knob of the transmitter.
6. If you does not use for a long time, please take out the battery avoid to shatter the microphone.