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TAKSTAR® 得胜

音质好声音

TS-450
DYNAMIC STEREO
HEADPHONE
动圈式立体声耳机



尊敬的用户：

感谢您选购TAKSTAR TS-450 耳机，为了您能够更好的了解使用本产品，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 或使用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



稳定性好的PET振膜，真实重现音乐的细节、声场和层次



耳机结构依照人体工程学设计，适合不同人群佩戴



耳罩采用高蛋白质PU皮革，佩戴贴合度高、舒适性好

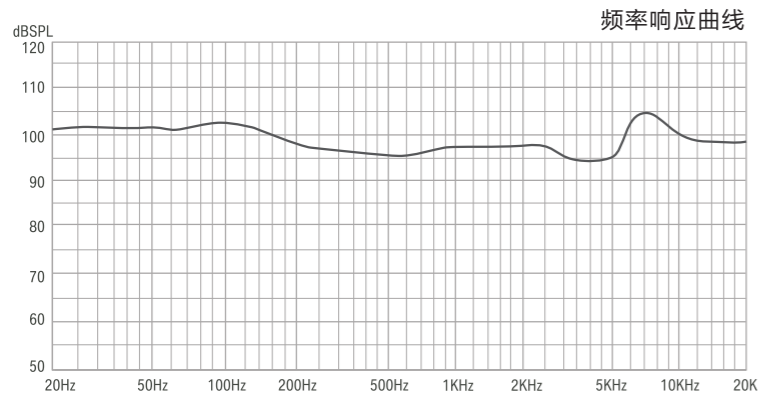


选用优质无氧铜导线，有效降低音质损耗



封闭式音腔设计，配合精选的舒适耳垫提供更好的隔音效果

技术参数



注：以上数据由得胜实验室测试得到，并拥有最终解释权！

产品类型：动圈式立体声耳机
 单元直径：Ø40mm
 单元阻抗：24Ω±15%
 频率响应：20Hz~20KHz
 灵敏度：97.5±3dB at 1KHz
 峰值功率：50mW
 额定功率：20mW
 导线：Ø4mm x 1.6m
 接驳插头：Ø3.5mm三极镀金插头
 + Ø6.3mm立体声镀金转换插头
 产品重量：213±20g
 产品颜色：黑色

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（不包含港澳台地区）。

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

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标准配置



TS-450 耳机1副



Ø3.5-Ø6.3mm镀金转换插头1个



便携袋1个



说明书1本

正确使用方法

为了避免听力受损，请务必在连接耳机前将播放设备音量调小。在将耳机佩戴入耳内/耳上之后，再逐步调大至您聆听舒适的音量。噪音是以分贝（dB）为计量单位的，外界任何85分贝及以上的噪音都会导致听力逐渐受损。

请注意您的使用习惯。音量和时间对听力损失的影响成正反比的关系：音量越大，您聆听的时间越短；音量越舒适，您聆听的时间越长。长时间使用较高的音量会对您的听力造成伤害。

此分贝（dB）表对某些常见声音进行比较，并列出了他们可能对听力的潜在危害等级。

| 声音来源 | 噪声等级 | 听力影响 |
|--------------|-----------|------------------------------------|
| 低声细语 | 30dB | 非常安静 |
| 安静的办公室 | 50-60dB | 舒适的听力级别在60dB以下 |
| 吸尘器/吹风机 | 70dB | 有一定入侵性，造成干扰妨碍电话交谈 |
| 食物料理机 | 85-90dB | 85dB是开始造成听力受损（连续8小时）的级别 |
| 垃圾清理机混凝土搅拌机 | 100dB | 建议无保护措施而暴露在90-100dB声音之下的时间不要超过15分钟 |
| 电锯/电钻 | 110dB | 经常暴露于超过100dB的声音1分钟以上会有听力受损的风险 |
| 摇滚音乐会(因情况而异) | 110-140dB | 感觉疼痛的阈值在120dB左右开始 |

“普通人能够以70%的音量每天安全地聆听音乐4.6小时，了解聆听音乐的音量和时长尤为重要。”在安全的音量级别下，充分利用您的设备，享受出色的声音表现。

环保说明

产品中有害有毒物质或元素的名称及含量标识表

| 部件名称 | 有害有毒物质或元素 | | | | | |
|-------|-----------|-----------|-----------|-----------------|---------------|-----------------|
| | 铅 (Pb) | 汞 (Hg) | 镉 (Cd) | 六价铬 (Cr(VI)) | 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 | × | ○ | ○ | ○ | ○ | ○ |

本表格依据SJ/T 11364的规定编制。

○: 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。

×: 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。





此标志为产品的环保使用期限标志，

且此环保使用期限只适用于产品正常工作的温度和湿度等条件。





Caution




 DANGER

| | |
|---|--|
| To guarantee personal safety, do not wear or keep the headphone close (less than 10 cm) to the pacemaker. |  Prohibition |
| Do not connect the cable plug with AC power socket |  Prohibition |
| To guarantee personal safety, do not operate the headphone (or earphone) during driving or riding or walking. |  Implementation |
| Keep the headphone (or earphone) away from fire to avoid explosion. |  Prohibition |

 CAUTION

| | |
|---|--|
| The rated power of TS-450 is 20 mW. Please do not operate it at overload status to avoid headphone (or earphone) damage. |  Implementation |
| Please keep the headphone (or earphone) in dry and clean environment. During operation, prevent the headphone (or earphone) from water entering into it or dropping or colliding to avoid damage. |  Prohibition |

 WARNING

| | |
|---|--|
| Supervise the children when they are using this product because this product is not a toy. |  Implementation |
| Abide by the relative regulation or law during operation. Do not use this headphone if it is prohibited by regulation or law to avoid accident. |  Implementation |
| Please do not disassemble or repair the headphone by yourself to avoid problem happens. |  Disassembly Prohibited |

保养及维护

- 使用一段时间后，应对耳套进行清洁处理。耳套可用带有中性肥皂水或清洁剂的毛巾轻轻擦洗，也可以直接使用干布擦拭，切勿直接投入水中清洗；
- 在高温高湿的场所长时间使用耳机，容易造成耳机损坏或降低使用寿命；
- 耳机在放置时要避免和强磁体接触，以免使耳机的恒磁体去磁，使耳机的灵敏度降低而影响耳机音色。

注意事项

⚠ 危险

| | |
|--|------|
| 为确保您的人身安全，请勿将该耳机佩戴或放置在离心脏起搏器过近的位置（小于10cm）。 | ⊘ 禁止 |
| 请勿将线材插头插入电源插座。 | ⊘ 禁止 |
| 为了您与其他交通参与者的安全，驾驶车辆、骑自行车或马路上行走时，请勿使用耳机。 | ⚠ 执行 |
| 请勿将耳机靠近明火或置于火中，以免发生爆炸。 | ⊘ 禁止 |

⚠ 注意

| | |
|---------------------------------------|------|
| TS-450的额定功率为 20 mW，请不要超负荷使用，以免造成耳机损坏。 | ⚠ 执行 |
| 请储存于干燥洁净环境，使用中避免液体进入机身内部、跌落或碰撞，以免损坏。 | ⊘ 禁止 |

⚠ 警告

| | |
|--|--------|
| 儿童应在成人监督下使用本产品。本产品并非玩具。 | ⚠ 执行 |
| 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机，以免导致意外事故。 | ⚠ 执行 |
| 请不要自行拆机改装或维修，以防止故障发生。 | 🔧 禁止拆卸 |

Maintenance

1. After the operation for some time, please use dry cloth or the towel with neutral soapsuds or detergent for cleaning. Do not put it into water for cleaning.
2. Operating the headphone in high temperature or high humidity leads to headphone damage or shortening the headphone life.
3. Keep the headphone away from strong magnet to avoid demagnetizing or headphone sensitivity decreased.

Correct Operation

To avoid hearing loss, please set the playing equipment volume to minimum before connecting the headphone (or earphone). After wearing the headphone (or earphone), increase the volume to a proper level. The noise is calculated by dB. The noise above 85 dB leads to hearing loss. Please pay attention to your operation habit. The relationship of volume & hearing time and hearing loss as below: the higher the volume is, the shorter the hearing time should be. The more proper the volume level is, the longer the hearing time can be. The long time hearing at high volume level leads to permanent hearing loss.

This dB table lists the comparison of some normal sounds and the potential hurt level to your hearing.

| Sound Source | Noise Level | Consequence on Hearing |
|--|-------------|--|
| whisper | 30dB | very quiet |
| quiet office | 50-60dB | comfortable hearing level is below 60dB |
| vacuum cleaner/hair drier | 70dB | It has some invasion and interference to the telephone talking |
| food processor | 85-90dB | 85dB (continuously 8 hours) is the level to hurt the hearing |
| garbage cleaning machine or cement mixer | 100dB | It is recommended to hear the sound of 90-100dB for less than 15 minutes |
| electric motor saw/ electric drill | 110dB | Hearing the sound over 100 dB without any protective measure leads to permanent hearing loss |
| rock & roll concert (it depends) | 110-140dB | The painful hearing threshold is about 120dB |

The average person can hear the music safely at 70% volume for 4.6 hours every day. It is very important to know the volume and time when hearing music. Use your equipment sufficiently at safe volume level to enjoy the outstanding sound performance.

Dear Customer,

Thank you for purchasing Takstar TS-450 headphone (or earphone). Please read the user manual before operation and keep it for reference in future. If you have any question or suggestion, please contact our local dealer.

Features



Stable PET diaphragm perfectly reproduces the music details, sound field and layers



Ergonomic design fits for different head shape wearing



High protein PU leather ear pads for comfortable wearing

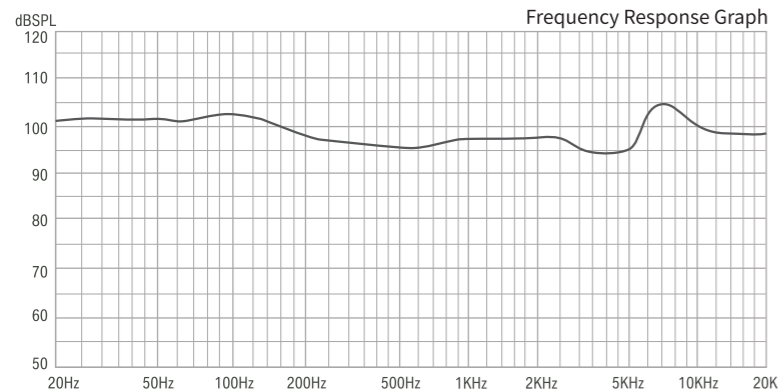


High quality OFC cable can effectively reduce the sound quality loss



Closed chamber and refined ear pads for perfect sound isolation

Specification



Product Type: dynamic stereo headphone
 Driver Diameter: $\varnothing 40\text{mm}$
 Impedance: $24\Omega \pm 15\%$
 Frequency Response: 20Hz~20KHz
 Sensitivity: $97.5 \pm 3\text{dB}$ at 1KHz
 Peak Power: 50mW
 Rated Power: 20mW
 Connecting Cable: $\varnothing 4\text{mm} \times 1.6\text{m}$
 Connector: $\varnothing 3.5\text{mm}$ 3-pole gold plated plug
 + $\varnothing 6.3\text{mm}$ stereo gold plated plug
 Net Weight: $213 \pm 20\text{g}$
 Color: black

Note: the above data is obtained from the test of Takstar laboratory, and Takstar has the final interpretation right!

Product Content



TS-450 headphone 1pc

 $\varnothing 3.5\text{-}6.3\text{mm}$ gold plated plug 1pc

Portable bag 1pc



User manual 1pc