

# TAKSTAR® 得胜



## HD 2000 | 专业监听耳机

Professional Monitor Headphones

使用手册 | User Manual

## ■ 前言

尊敬的用户：

感谢您选购得胜HD 2000专业监听耳机，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使用手册。

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

- 搭载 Ø50mm 纳米复合振膜钕磁驱动单元，宽频响应，细节还原精准；
- 全封闭声学腔体，隔绝外界噪音，杜绝漏音引发的录音串扰；
- 可180°翻转耳壳设计，支持翻转后手持单耳监听的听音方式；
- 采用 UV 高光镜面表面涂装工艺，轻奢高颜值，专业质感突出；
- 整体结构应用人体工程学设计，轻量化机身，长时间佩戴也无压迫感；
- 配备Ø6.35mm转换插头，可配套连接各类声卡、调音台等音频设备。

## ■ 适用范围

适用录音缩混监听、录音返送监听及各种高要求监听场合

## ■ 标准配置

|                       |    |
|-----------------------|----|
| HD 2000监听耳机.....      | 1个 |
| Ø3.5mm转Ø6.35mm插头..... | 1个 |
| 使用手册 .....            | 1份 |

## ■ 技术参数

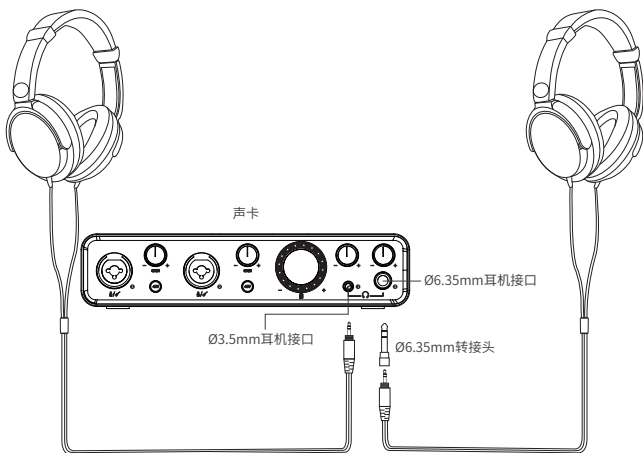
- 耳机类型: 有线封闭式
- 换能方式: 动圈
- 佩戴方式: 头戴式
- 驱动单元:  $\varnothing 50\text{mm}$
- 灵敏度:  $101\text{dB} \pm 3\text{dB}$  at  $1\text{kHz}$
- 阻抗:  $32\Omega$
- 频响范围:  $10\text{Hz}-25\text{kHz}$
- 额定功率:  $30\text{mW}$
- 最大输入功率:  $100\text{mW}$
- 插头:  $\varnothing 3.5\text{mm}$ 直型插头+ $\varnothing 6.35\text{mm}$ 转换插头
- 信号线:  $\varnothing 2.2\text{mm} \times 2\text{m}$  双排Y型线
- 净重: 约 $200\text{g}$

注: 以上数据由得胜实验室测试得到, 并拥有最终解释权!

## ■ 使用说明

### 连接示意图:

将耳机连接线插头插入声卡等音频设备的 $\varnothing 3.5\text{mm}$ 耳机接口进行监听, 如果声卡耳机接口为 $\varnothing 6.35\text{mm}$ 规格, 则需通过附带的 $\varnothing 3.5\text{mm}$ 转 $\varnothing 6.35\text{mm}$ 转接头进行连接。



## ■ 安全使用说明

为了您有一个安全与舒适的体验，请仔细阅读并遵守以下事项：

1. 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。
2. 请注意您的使用习惯。音量和时间对听力损失的影响成正比的关系，音量越大，您的聆听时间越短；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损伤。

以下分贝（dB）表对某些常见声音进行比较，并列出了它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                               |
|------------------|-----------|------------------------------------|
| 细声低语             | 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<br>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<br>(因情况而异) | 110-140dB | 感觉疼痛的阈值在120dB左右开始                  |

## ■ 维护及保养

1. 请储存于干燥洁净环境，使用中避免液体进入耳机内部、跌落或碰撞，以免损坏；
2. 勿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；
3. 耳机在放置时要避免与强磁体接触，以免耳机的恒磁体去磁，使耳机的灵敏度降低而影响影响耳机音色；
4. 勿使用烈性化学制品、清洁剂，清洁耳机；
5. 不要用尖锐物品在产品表面刮蹭，以免损坏外壳、影响外观；
6. 耳机长时间不使用时，应存放在干燥清洁的地方，避免在温度过高或过度潮湿的场所保管或使用。

## ■ 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 |

### ⚠ 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产品，以免导致意外事故。 | ⓘ 执行 |

## ■ 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。

## ■ 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) | 邻苯二甲酸二正丁酯<br>(DBP) | 邻苯二甲酸二异丁酯<br>(DIBP) | 邻苯二甲酸丁基酯<br>(BBP) | 邻苯二甲酸二(2-乙基)己酯<br>(DEHP)                                                            |
| 塑料部件                                                                                                                                                       | ○         | ○         | ○         | ○               | ○             | ○               | ○                  | ○                   | ○                 | ○                                                                                   |
| 金属部件                                                                                                                                                       | ×         | ○         | ○         | ○               | ○             | ○               | ○                  | ○                   | ○                 | ○                                                                                   |
| 电路板组件                                                                                                                                                      | ×         | ○         | ○         | ○               | ○             | ○               | ○                  | ○                   | ○                 | ○                                                                                   |
| 线缆                                                                                                                                                         | ×         | ○         | ○         | ○               | ○             | ○               | ○                  | ○                   | ○                 | ○                                                                                   |
| 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。 |           |           |           |                 |               |                 |                    |                     |                   |                                                                                     |
| 此标志为产品的环保使用期限标志，<br>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。                                                                                                           |           |           |           |                 |               |                 |                    |                     |                   |  |

### ■ 关于图标含义解释

 根据RL2004/108/EG和European Low Voltage Directive (欧洲低电压指令) RL2006/95/EG的测试结果表明, 本产品符合欧共体关于电磁兼容性的成员国法律整合的指令中所规定的限值。



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 and 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。

### ■ 关于本使用手册

本使用手册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, 本使用手册可能不符合您的特定产品的技术规格。要获取最新版使用手册, 请访问得胜官网, 然后下载使用手册文件。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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# HD 2000 Professional Monitor Headphones

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## ■ Preface

Dear Customer,

Thank you for purchasing Takstar HD 2000 Professional Monitor Headphones. Read this manual thoroughly to use the product properly. If you have any questions or suggestions, please contact our local sales service.

## ■ Features

- Equipped with Ø50mm nano-composite diaphragm neodymium drivers for wide frequency response and precise detail reproduction.
- Closed-back acoustic chamber isolates ambient noise and eliminates recording crosstalk from sound leakage.
- 180° swiveling ear cups support handheld single-ear monitoring.
- UV high-gloss mirror surface coating for premium and professional texture.
- Ergonomic design and lightweight body ensure pressure-free comfort for extended wear.
- Equipped with a Ø6.35mm adapter for easy connection to sound cards, mixers and other audio devices.

## ■ Applications

Suitable for recording and mixing monitoring, foldback monitoring and various high-demand monitoring scenarios.

# HD 2000 Professional Monitor Headphones

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## ■ Package Contents

- 1 × HD 2000 Monitor Headphones
- 1 × Ø3.5mm to Ø6.35mm Adapter
- 1 × User Manual

## ■ Specifications

- Headphone Type: Wired Closed-back
- Transducer Type: Dynamic
- Wearing Style: Over-ear
- Driver Unit: Ø50mm
- Sensitivity: 101dB±3dB at 1kHz
- Impedance: 32Ω
- Frequency Response: 10Hz–25kHz
- Rated Power: 30mW
- Max. Input Power: 100mW
- Plug: Ø3.5mm straight plug + Ø6.35mm adapter
- Cable: Ø2.2mm × 2m dual Y-type cable
- Net Weight: Approx. 200g

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

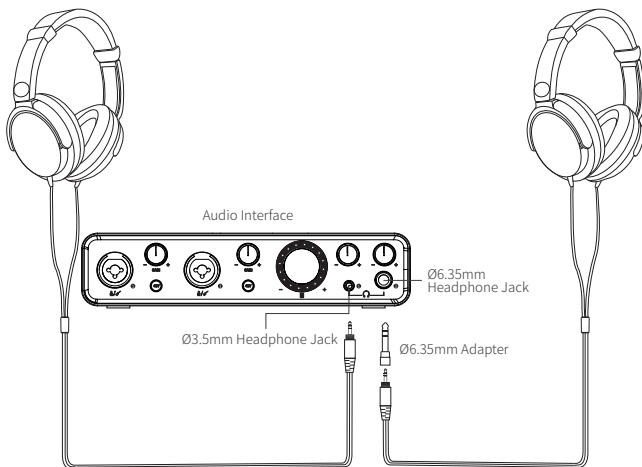
# HD 2000 Professional Monitor Headphones

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## ■ Operating Instructions

### Connection Diagram:

Plug the headphone cable into the Ø3.5mm headphone jack of a sound card or other audio device for monitoring. For Ø6.35mm jacks, use the included Ø3.5mm to Ø6.35mm adapter.



## ■ Correct Operation

For safe and comfortable operation, please read carefully and abide by the following items:

1. To avoid hearing loss, set the volume of the player to minimum before connecting the headphones. After putting the headphones on, increase the volume to a proper level. Noise is measured in decibels (dB). Any outside noise of 85 decibels or more will cause gradual hearing loss.
2. Please pay attention to your operation habits. Volume and duration are proportional to hearing loss. The higher the volume, the shorter the time you should listen; the more comfortable the volume is, the longer you can listen. Listening at high volume for long will cause damage to your hearing.

This decibel (dB) level chart compares some common noise sources and their potential danger 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/<br>hair dryer             | 70dB        | Somewhat invasive and may interfere with phone calls                                     |
| Food processor                            | 85-90dB     | 85dB (continuously 8 hours) will begin to hurt hearing                                   |
| Garbage cleaning machine/<br>cement mixer | 100dB       | Exposure to sound of 90~100dB is suggested to be within 15 minutes if without protection |
| Electric saw/ electric drill              | 110dB       | Frequent exposure to over 100dB for more than 1 minute can impair hearing                |
| Rock concert (subjective)                 | 110-140dB   | Painful hearing starts at about 120dB                                                    |

## ■ Maintenance

1. Store in a dry, clean environment. Avoid liquid ingress, dropping or impact during use to prevent damage.
2. Do not use the headphones for extended periods in hot, humid environments, as this may cause damage or shorten service life.
3. Keep away from strong magnets to avoid permanent magnet demagnetization, which reduces sensitivity and impairs sound quality.
4. Do not clean the headphones with harsh chemicals or detergents.
5. Do not scratch the product surface with sharp objects to avoid casing damage and appearance deterioration.
6. For long-term storage, keep the headphones in a dry, clean place. Do not store or use in excessively high-temperature or humid environments.

## ■ Cautions

### DANGER

|                                                                                                                                                           |                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| To ensure your personal safety, do not wear or place the headphones too close to the pacemaker (less than 10cm).                                          |  Prohibited   |
| Do not insert the cable plug into power socket.                                                                                                           |  Prohibited   |
| For your safety and the safety of other traffic participants, do not use the headphones while driving a vehicle, riding a bicycle or walking on the road. |  Follow       |
| Keep away from fire to avoid explosion.                                                                                                                   |  Prohibited |

### WARNING

|                                                                                                                         |                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Not a toy. Children should not use without adult supervision.                                                           |  Follow |
| Abide by relative safety rules during operation. Do not use it if prohibited by laws and regulations to avoid accident. |  Follow |

### ■ 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 device is compliant with the limits of the European Council Directive on the approximation of the laws of the member states relating to electromagnetic compatibility according to RL2004/108/EG and European Low Voltage Directive RL2006/95/EG.

 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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### 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 |
|---------------|-------|----|
|               |       |    |
|               |       |    |
|               |       |    |
|               |       |    |
|               |       |    |
|               |       |    |

◆广东得胜电子有限公司 ◆电话：400-6828-333 ◆地址：广东省惠州市博罗县龙溪街道富康一路2号



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

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得胜科声系列中国总代理

## 惠州音平电声科技有限公司

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