

TAKSTAR® 得胜



DA-235 | 窗口对讲机
Talk-back System

■ 前言

尊敬的用户：

感谢您选购得胜DA-235窗口对讲机，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

- 采用全双向语音对讲通信技术，自动识别处理语音信号，通话过程不需人为操作
- 专用消测音处理芯片，能够有效改善啸叫
- 应用全自动通话控制技术，外机的麦克风与扬声器采用一体化设计，并与主机实现一线式连接，安装方便
- 综合应用电声技术，选用性能优异的电声器件设计，输出功率可达3W，声音清晰洪亮，语音识别度高
- 主机设计了独立的内、外旋钮开关，可根据需要进行音量控制
- 具有音频信号输入功能，可对外播音，以供顾客收听
- 可输出内外双路声音信号（配合银行柜员录音），采用3.5mm插座输出方式
- 主机设计了连接线保护功能，可保护各连线插头长时间使用而不被损坏
- 分机可以挂在墙壁上或通过配送的强力胶带粘贴在玻璃上
- 整机造型美观，线条流畅，产品设计充分考虑使用环境因素，致力于提高用户的工作效率

■ 产品配置

| | | | |
|---------------------|----|------------|----|
| 主机..... | 1个 | 说明书..... | 1份 |
| 副机..... | 1个 | 温馨提示卡..... | 1张 |
| DC 12V/1A电源适配器..... | 1个 | 背胶贴纸..... | 2片 |

■ 适用范围

银行、证券、邮局、火车站、交款台、售票处、医院、快餐店、便利店等场所

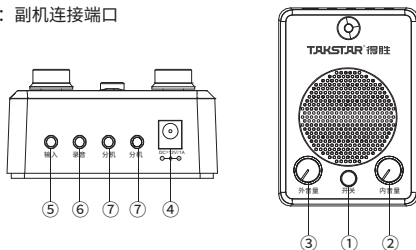
■ 技术参数

- 工作电压：DC 12V/1A
- 输出功率：3W (max)
- 外机灵敏度：-38±3dB (0dB=1V/Pa at1KHz)
- 主机灵敏度：-44dB±3dB (0dB=1V/Pa at1KHz)
- 频率响应：100Hz-12KHz

注：以上数据由得胜实验室测试得到。

■ 功能示意

- ① 电源开关：点按电源开关键，开启或关闭窗口对讲机，开机时并伴有指示灯显示
- ② 主机（内）喇叭音量调节旋钮：顺时针旋转逐渐增大音量，逆时针旋转逐渐减小音量，调至最小可关闭声音
- ③ 副机（外）喇叭音量调节旋钮：顺时针旋转逐渐增大音量，逆时针旋转逐渐减小音量，调至最小可关闭声音
- ④ 电源插座：连接DC 12V/1A电源适配器至输入插座
- ⑤ 输入：外部音源输入，可通过3.5mm连接线连接电脑等音频输出设备
- ⑥ 录音：内外双路声音信号输出，可供柜员录音
- ⑦ 分机：副机连接端口



■ 安装使用说明

1. 将主机放置在工作台上，由工作人员使用；将副机粘贴在工作台外的玻璃上，由客户使用，副机插头插入主机的分机接口；二者应有一定距离，以便工作在理想状态。
2. 将变压器插在220V电源上，DC \equiv 12V插头插入主机DC孔内。
3. 检查插头全部接插无误后，打开主机上电源开关，同时电源指示灯亮。
4. 由低到高逐步调节控制主机及副机的音量调节旋钮，使内、外音量大小适宜。
5. 对着工作台上的麦克风讲话，声音由外面的副机扩出；对着副机讲话，声音由工作台内的主机扩出，表示工作正常。

■ 故障排除

一、设备出现无声现象：

1. 检查电源适配器是否连接到位，请重新插拔后再试。
2. 音量旋钮未调大，可顺时针调节音量旋钮，将声音调大。

二、设备出现啸叫现象：

1. 安装环境隔音性能太差或环境噪音太大，应拉开主机与副机的距离或将音量调小。

三、设备出现断音现象：

1. 说话者距离麦克风太远，应保持10-20cm距离进行拾音。
2. 当一方说话时，另一方不能进行插话，需等待对方说话结束后即可进行正常说话。

■ 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，以免造成产品异常和听力损伤；
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上时，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经销商跟进处理；
7. 若使用电源适配器为本产品充电，请使用赠送的电源适配器。如需使用其他适配器，应购买获得CCC认证并满足要求的电源适配器。

■ 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。

■ 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>

■ Preface

Dear Customer,

Thank you for purchasing Takstar DA-235 Talk-back System. 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

- Hands-free two-way intercom system that automatically recognizes and processes voice signals.
- Special anti-sidetone processing chip to effectively minimize feedback.
- Fully automatic communication control, external unit features integrated mic and speaker, and one-cable easy connection with host unit.
- Excellent circuitry for high output power up to 3W and clear sound quality.
- Discrete volume controls on host unit for both external and internal units.
- AUX input for audio playback towards customers.
- 3.5mm recording output of internal & external voice signals, e.g., for bank teller recording.
- Cable protection design on host unit for extended use without damage.
- Extension unit can be hung on the wall or taped on glass with the supplied strong adhesive.
- Compact and streamlined design for improving work efficiency.

■ Applications

Banks, securities, post offices, railway stations, cash registers, ticket offices, hospitals, fast food restaurants, convenience stores.

■ Package Contents

| | |
|------------------------------|-------|
| Host Unit..... | 1 pc |
| Extension Unit..... | 1 pc |
| DC 12V/1A Power Adapter..... | 1 pc |
| User Manual..... | 1 pc |
| Hot Tips Card..... | 1 pc |
| Double-sided Tape..... | 2 pcs |

■ Specifications

- Working Voltage: DC 12V/1A
- Output Power: 3W (max)
- Extension Unit Sensitivity: $-38 \pm 3\text{dB}$ (0dB=1V/Pa at 1KHz)
- Host Unit Sensitivity: $-44\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1KHz)
- Frequency Response: 100Hz-12KHz

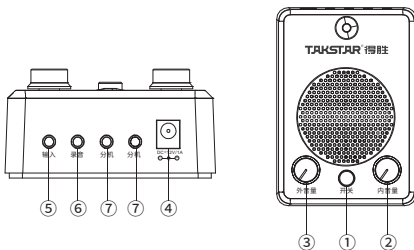
Note: The above data are measured by Takstar laboratory.

■ Function Descriptions

- ① Power button: Press the power button to turn on/off the window intercom system. The LED indicator lights up when the system is powered on.
- ② Volume knob for host unit speaker (internal): Rotate clockwise to gradually increase the volume, counterclockwise to decrease, and turn to the minimum to turn off the speaker.
- ③ Volume knob for extension unit speaker (external): Rotate clockwise to gradually increase the volume, counterclockwise to decrease, and turn to the minimum to turn off the speaker.
- ④ Power socket: accepts DC 12V/1A power supply.

DA-235 Talk-back System

- ⑤ AUX IN: accepts external audio source such as a computer via a 3.5mm cable.
- ⑥ REC OUT: outputs audio signals of both internal and external units, which can be used for recording of bank teller.
- ⑦ EXTENSION: accepts extension unit.



■ Operation Instructions

Installation & Operation

1. Place the host unit on desk for staff use and stick the extension unit on glass screen for customer use. Insert the extension unit cable into the EXT port on host unit. The units should be kept at a certain distance for optimal performance.
2. Plug the DC \equiv 12V power adapter into the mains and its other end into the DC socket of the host unit.
3. Turn on the power switch after all cables are connected properly.
4. Gradually turn the volume knobs for host and extension units to increase the volume to appropriate levels.
5. Sound should come out from the external extension unit when speaking towards the microphone of the internal host unit and vice versa.

■ Troubleshooting

I. No sound

1. Check if the power adapter is connected properly, unplug and retry.
2. Turn the volume knob clockwise to increase the volume if it is set too low.

II. Howling/feedback

1. Poor acoustic insulation or loud ambient noise. Try increase the distance between the units or turn down the volume.

III. Staccato

1. Talk too far away from the microphone. The optimal talk distance is 10~20cm.
2. When one side is talking, the other side is rejected and can only speak after the other stops.


■ 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 or hearing impairment.
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 outlet 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. Abide by relative safety rules during operation. Do not use it if prohibited by laws and regulations to avoid accident.
6. Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local dealer.
7. Please use the supplied power adapter for charging the product if applicable. To use other power adapter, make sure that it is certified by China Compulsory Certification and in line with the product specifications.

■ 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.

■ 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/>

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