

TAKSTAR® 得胜



SG-10D 网络对讲面板

IP Intercom Panel

使用说明
User Manual

SG-10D 网络对讲面板

■ 前言

感谢您选购得胜SG-10D网络对讲面板,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

- 外观简约,线条优美,高档氧化铝拉丝面板,坚固耐用,可嵌入式安装或明装(配底盒);
- 设备采用嵌入式计算机技术和DSP音频处理技术设计:采用高速工业级芯片,启动时间小于1秒钟;
- 一键发起对目标终端的呼叫,全双工通讯,实现简单操作、快速连接;
- 内置3W高保真全频扬声器,通话声音清晰、洪亮;
- 内置高灵敏度麦克风,声音采集区域广、音色还原度高;
- 支持免提通话和接收广播;
- 一路本地紧急按钮信号输入;
- 直流供电接口,外接适配器,可以11.5V~24.5V任意选择;
- 内置2*10W功放,可外接2个8欧10W扬声器;
- 整体铸铝底盒,可嵌入安装或明装安装;
- 有以太网口的地方即可接入,支持跨网段和跨路由。

■ 适用范围

商超、校园、酒店、公园、监狱、村村响、大型商业综合体等场合

■ 包装清单

对讲面板	1台
适配器	1个
说明书	1份

■ 技术参数

网络接口标准:RJ45输入

支持协议:TCP/IP, UDP, IGMP (组播)

音频格式:MP3/MP2

采样率:8K~48KHz

传输速率:10/100Mbps

音频模式:16位立体声CD音质

输出频率:20Hz~16KHz

谐波失真:≤0.3%

灵敏度:89dB

信噪比:>78dB

辅助线路:输入电平350mV工业标准压线接线端子

内置扬声器输出阻抗及功率:8Ω/3W

外接扬声器输出阻抗及功率:4Ω, 10W工业标准接线端子

Line Out输出电平:1V工业标准压线接线端子

环境温度: -35℃~55℃

环境湿度:20%~80%相对湿度, 无结露

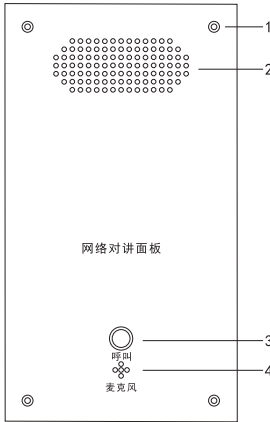
功耗:≤3W

输入电源:DC12V

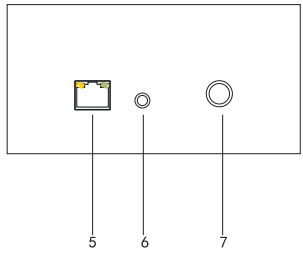
防护等级:IP55

注:以上数据由得胜实验室测试得到, 并拥有最终解释权!

■ 面板介绍



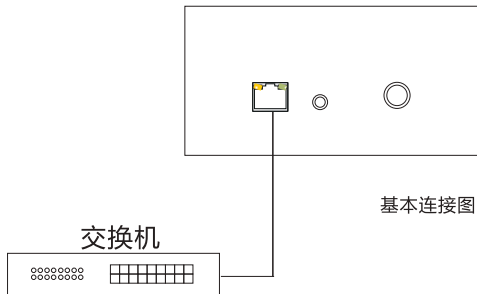
接口示意图：



- ① 面板安装孔 ② 内置扬声器 ③ 呼叫按键 ④ 麦克风
- ⑤ 网络接口 ⑥ 复位键 ⑦ 音量旋钮

注:呼叫按键按住讲话,松开断开;指示灯隔3秒闪一次为未上线,指示灯隔1秒闪一次为在线;指示灯常亮为通话状态;引出的2.5插座为电源接口;电源为DC12V,1.25A;

■ 基本连接



■ 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. 消费者若使用电源适配器供电,则应购买配套使用获得CCC认证并满足标准要求的电源适配器;
4. 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;
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。

SG-10D IP Intercom Panel

■ Preface

Dear Customer,

Thanks for purchasing our product. Read this manual thoroughly for proper use.

If you have any questions or suggestions, please contact our local sales service.

■ Features

- Sleek, minimalist design with a durable anodized aluminum brushed panel; supports flush or surface mounting (with back box).
- Integrates embedded computer and DSP audio processing with a high-speed industrial chip for startup in under 1 second.
- One-button call initiation for target terminals, enabling simple full-duplex communication.
- Built-in 3W high-fidelity speaker for clear, loud audio.
- High-sensitivity mic for broad sound capture and accurate sound reproduction.
- Supports two-way intercom and broadcast reception.
- Includes local emergency button input.
- DC power supply interface with an external adapter, adjustable from 11.5V to 24.5V.
- Built-in 2 x 10W amplifier for connecting two external 8Ω 10W speakers.
- Sturdy aluminum back box for flush or surface installation.
- Connects easily via Ethernet, supporting inter-network and cross-router use.

■ Application

Shopping malls, campuses, hotels, parks, prisons, community announcements, and large commercial complexes.

SG-10D IP Intercom Panel

■ Package Contents

- 1 × Intercom Panel
- 1 × Power Adapter
- 1 × User Manual

■ Technical Specifications

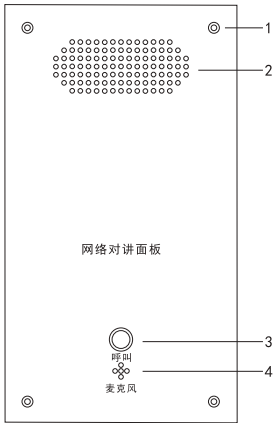
Built-in Speaker Audio Output

- Network Interface: RJ45 input
- Supported Protocols: TCP/IP, UDP, IGMP (multicast)
- Audio Formats: MP3, MP2
- Sampling Rate: 8 kHz – 48 kHz
- Transmission Rate: 10/100 Mbps
- Audio Mode: 16-bit stereo CD quality
- Output Frequency: 20 Hz – 16 kHz
- Total Harmonic Distortion: $\leq 0.3\%$
- Sensitivity: 89 dB
- Signal-to-Noise Ratio: > 78 dB
- Auxiliary Line Input Level: 350 mV (industrial standard terminal)
- Built-in Speaker Output Impedance & Power: $8\ \Omega / 3\ \text{W}$
- External Speaker Output Impedance & Power: $4\ \Omega, 10\ \text{W}$ (industrial standard terminal)
- Line Out Output Level: 1 V (industrial standard terminal)
- Operating Temperature: $-35\ ^\circ\text{C}$ to $+55\ ^\circ\text{C}$
- Operating Humidity: 20% – 80% relative humidity, non-condensing
- Power Consumption: $\leq 3\ \text{W}$
- Input Power: DC 12 V
- Protection Rating: IP55

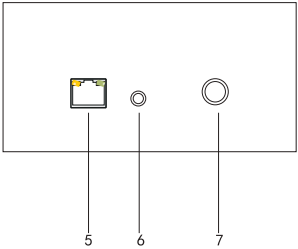
Note: The above data are measured by Takstar laboratory which has the final interpretation right!

SG-10D IP Intercom Panel

■ Panel Description



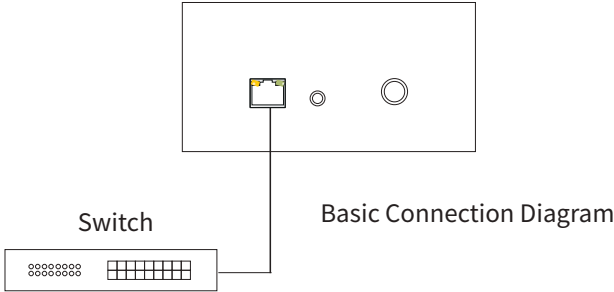
Interface Diagram:



- ① Mounting Holes ② Built-in Speaker ③ Call Button ④ Microphone
- ⑤ Network Interface ⑥ Reset Button ⑦ Volume Knob

Note: The call button is used for speaking when pressed and disconnects when released. The indicator light flashes every 3 seconds when offline, every 1 second when online, and remains steady during a call. The 2.5mm jack is the power input; power requirements are DC 12 V, 1.25 A.

■ Basic Connection



■ Safety Instructions

To avoid electric shock, overheating, 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. Power adapter used, if any, should be approved by CCC certification or similar standards and comply with the power supply requirements.
4. 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.
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 without authorization to avoid injury. If you have any questions or require any services, please contact our local after-sales service.

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

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）。

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