

TAKSTAR® 得胜



MG-10FQ 十路分区器

10-Channel Zone Controller

使用说明
User Manual

MG-10FQ 十路分区器

■ 前言

感谢您选购得胜MG-10FQ十路分区器,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

- 10路独立分区选择开关,分区随意切换,互不干扰;
- 设有4路音频输入,其中2路为背景音乐节目,2路为紧急优先节目;
- 带分区工作状态用指示灯显示,绿灯为背景音乐节目,红灯为紧急优先;
- 分区分为两组管理,A组管理1~5区,B组管理6~10区,每组输出最大功率为2000W,每个分区输出最大功率为600W;
- 具有两种短路控制信号输入,一种为触发开启全区,一种为触发独立开启每路分区;
- 具有两种短路控制信号输出,一种为全区短路信号输出,一种为每路分区独立短路信号输出;
- 设备采用双继电器同时双切控制电路,通道隔离度 $\geq 80\text{dB}$,解决通道之间相互串音等问题;
- 2U标准机箱设计,铝合金面板,美观实用。

■ 适用范围

适用于景区、学校、工程安装等

■ 包装清单

十路分区器.....	1台
电源线.....	1条
说明书.....	1份

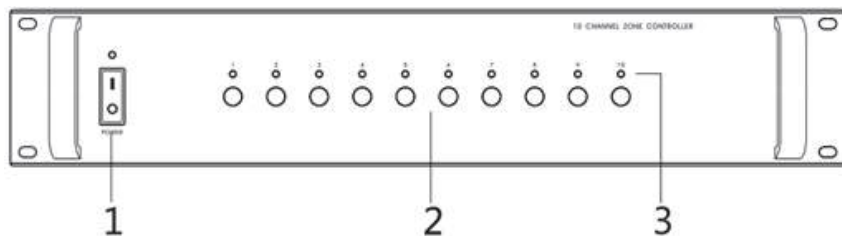
MG-10FQ 十路分区器

■ 技术参数

- 电源AC220V/3A
- 输入通道2+2
- 输出通道10个(CH1-CH10)
- 通道切换能力150V/6A
- 功耗15W
- 机器尺寸483x342x90mm

注:以上数据由得胜实验室测试得到,并拥有最终解释权!

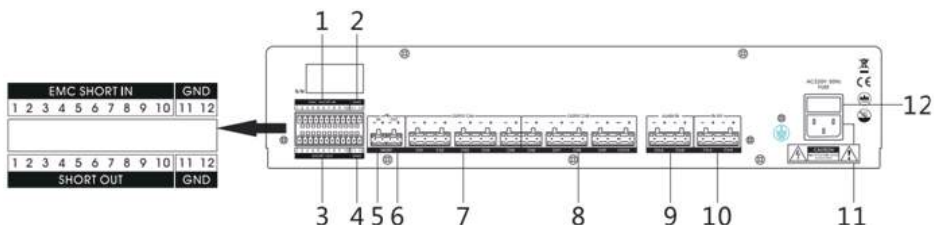
■ 面板介绍



- ① 电源开关(POWER)
- ② 1-10分区按键
- ③ 1-10分区指示灯

MG-10FQ 十路分区器

■ 背板介绍



- ① 紧急短路输入
- ② 地线
- ③ 短路输出
- ④ 地线
- ⑤ 全区短路输入
- ⑥ 全区短路输出
- ⑦ A通道1-5分区输出
- ⑧ B通道6-10分区输出
- ⑨ A/B通道紧急功放输入
- ⑩ A/B通道功放输入
- ⑪ 电源输入
- ⑫ 保险座

■ 操作说明

1. INPUT A和B为背景音乐输入, 对应CH1-CH10十分区输出。
2. ALARM INA和B为紧急报警信号输入, 对应CH1-CH10十分区输出。
3. 分区按键开启关闭, 对应绿色指示灯亮灭。
4. 强切短路输入触发时, 指示灯变红, 切换为紧急报警信号。
5. 切换为紧急报警输入时, 背景音乐信号被默音, 输出短路报警信号。

■ 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。

MG-10FQ 10-Channel Zone Controller

■ 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

- Independent Zone Control: 10 independent zone switches enable seamless switching without interference.
- Audio Inputs: 4 audio inputs — 2 for background music and 2 for emergency announcements.
- Status Indicators: Green light for background music, red light for emergency priority.
- Zone Management: Two groups (A: zones 1-5, B: zones 6-10) with max output of 2000W per group and 600W per zone.
- Short-Circuit Control: Two types of input signals for all-zone activation and individual zone activation.
- Short-Circuit Outputs: Outputs for both all-zone and individual zone short-circuit signals.
- Dual Relay Design: Dual relay circuitry with ≥ 80 dB isolation to prevent crosstalk.
- Compact Design: 2U rackmount with an aluminum alloy front panel for durability and aesthetics.

■ Application

Suitable for use in parks, schools, and engineering installations.

MG-10FQ 10-Channel Zone Controller

■ Package Contents

- 1 × 10-Channel Zone Controller
- 1 × Power Cord
- 1 × User Manual

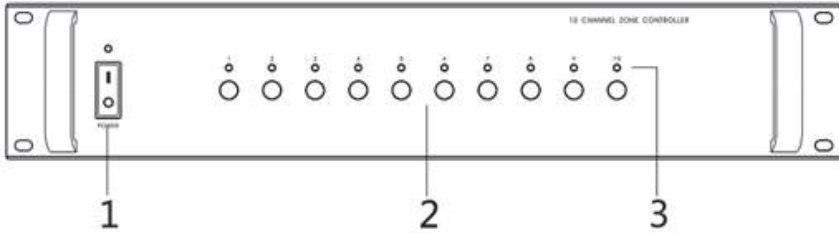
■ Technical Specifications

- Power Supply: AC 220V / 3A
- Input Channels: 2 + 2
- Output Channels: 10 (CH1-CH10)
- Channel Switching Capacity: 150V / 6A
- Power Consumption: 15W
- Dimensions: 483 x 342 x 90 mm

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

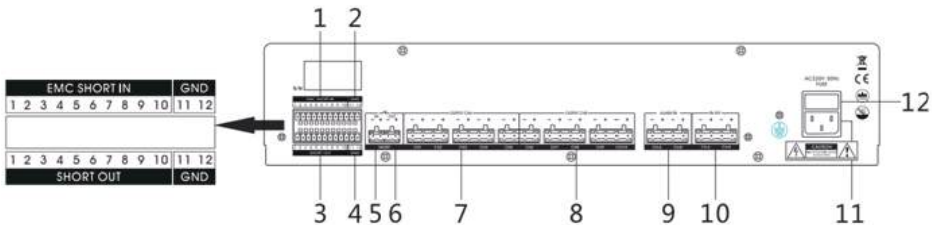
MG-10FQ 10-Channel Zone Controller

■ Front Panel



- ① Power Switch (POWER)
- ② Zone Selection Buttons (1-10)
- ③ Zone Indicator Lights (1-10)

■ Rear Panel



- ① Emergency Short-Circuit Input
- ② Ground Connection
- ③ Short-Circuit Output
- ④ Ground Connection
- ⑤ All-Zone Short-Circuit Input
- ⑥ All-Zone Short-Circuit Output
- ⑦ Group A Output (Zones 1-5)
- ⑧ Group B Output (Zones 6-10)
- ⑨ Group A/B Emergency Amp Input
- ⑩ Group A/B Amp Input
- ⑪ Power Input
- ⑫ Fuse Holder

■ Operating Instructions

1. INPUT A and B are designated for background music input, corresponding to outputs CH1-CH10.
2. ALARM IN A and B receive emergency alarm signals, also corresponding to outputs CH1-CH10.
3. Use the zone selection buttons to turn zones on or off, indicated by the corresponding green lights.
4. When the short-circuit input triggers, the indicator lights turn red, switching the output to emergency alarm signals.
5. When the emergency alarm input is activated, the background music signal is muted, and a short-circuit alarm signal is outputted.

■ 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. 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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