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IP NETWORK FIRE ALARM PANEL A-IP-FAI



Description:

The IP network fire alarm panel A-IP-FAI is interface of fire alarm system and IP network PA system, which used to receive 16 separate control input to trigger the IP network PA system auto broadcast multiple pre-recorded alert or EVAC or clear messages during emergency evacuation 19" rack mount design for universal rack installation, each zone with visualized indicator for status display, built-in IP network audio decoder to decode analog audio into digital via Ethernet. The pre-recorded messages stored in the IP network audio server which could be pre-assigned to different zones of different messages. Each fire alarm panel is of 16 zones. over existing LAN network, non-dedicated network is needed, so easy cable wiring and easy expansion and online troubleshoot and remote status monitoring make the system very popular for system contractors.

Features:

- Interface between fire alarm and IP network audio system.
- Automatically broadcast the pre-recorded message once triggered by the control input from three fire alarm center.
- Different zone trigger could be assigned with different voice messages.
- The multiple pre-recorded voice messages are stored in the server or controller.
- The fire alarm center send the fire alarm closed contact to this fire alarm panel, which will communicate with the server through the LAN RJ45 port, the server will give command to generate which pre-set voice message to be broadcasted to which speaker zone output.
- 16 control inputs and 16 programmable control outputs.
- The fire alarm panel capable for both IP network PA and intercom system.
- Each IP PA system supports more than 440 units working together for more than 600 speaker zones.
- IP voice alarm system could be built-up over existing LAN network, non-dedicated network is needed.

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Specifications:

| Model | A-IP-FAI |
|--------------------|--|
| Description | IP Network Fire Alarm Panel |
| Power Supply | AC220V or 240V, 50-60 Hz |
| Power Consumption | 15W |
| Network Protocol | TCP, UDP, AARP, ICMP, IGM |
| Audio Sampling | 8KHz-48KHz, 16 bits |
| Transmission Rate | 8 Kbps to 320Kbps |
| S/N Ratio | ≥90dB |
| Frequency Response | 20 Hz-20 KHz |
| Data Delay | 50 milliseconds |
| Connector | One RJ45 pport for LAN, 16 contact inputs and 16 contact outputs |
| Dimensions | 484×365×8888m |
| Weight | 6.8Kg |

Connection Diagram:

