MP9822AII

Emergency Power Alarm Unit for PA System

Description

This device is designed to operate in conjunction with the MP9822EII unit. It uses external alarm signals to control the power on/off operation of the MP9822EII. When a valid alarm signal is detected and the MP9822EII is operating in battery mode, it takes approximately 30 seconds for the MP9822EII to fully start up.
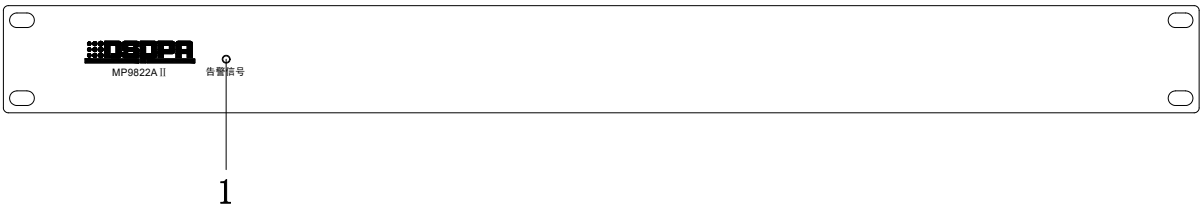
Features

- Automatically activates the connected PA system upon receiving a valid external alarm signal.
- Dual power-input design supports mains detection and battery power via MP9822BII.
- Supports 30 independent alarm input channels (CH1–CH30) with configurable active level (HIGH/LOW).
- Alarm output pass-through allows forwarding signals to the PA system or additional alarm devices.
- Front-panel indicator changes from white to red to show active alarm status.
- Compact rack-mount form factor for easy installation and reliable long-term operation.

Specifications

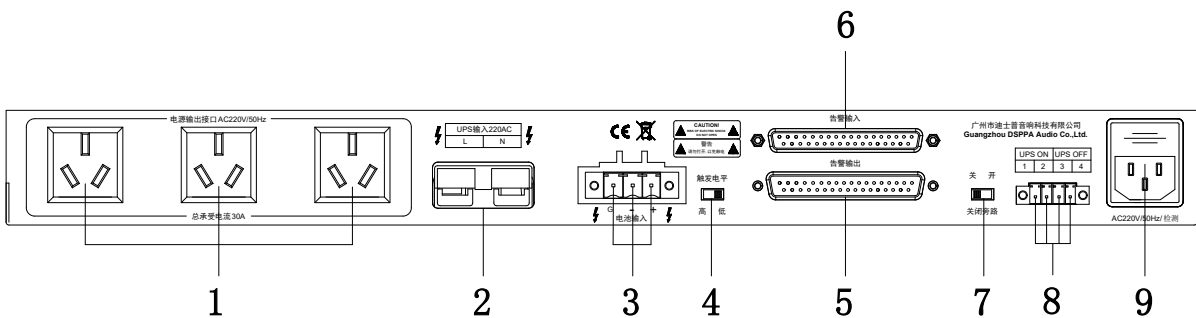| Model	MP9822AII
Alarm Level	0V or +5~+24V, pre-settable
Protection	Fuse
Power Supply	DC96V or DC196V
Package Dimensions (mm)	520×345×105 (L×W×H)
Product Dimensions (mm)	483×273×44 (L×W×H)
Gross Weight	3.85kg
Net Weight	2.85kg

Front Panel

1. Alarm Indicator

Lights up when a valid alarm signal is received, changing in color from white to red.

Rear Panel

1. Output Socket

This output is a transfer socket for the UPS main unit's output.

2. UPS Input

Connects to the MP9822EII output.

3. Battery Input Connector

Connects to the MP9822BII battery unit.

4. Alarm Input Level Setting

5. Alarm Output

6. Alarm Input

7. UPS Bypass Switch

8. UPS Power Control Port

Connects to the UPS power control port of the MP9822EII.

9. Mains Input

This interface is used to connect to the mains for detection purposes. It is not a power supply interface.