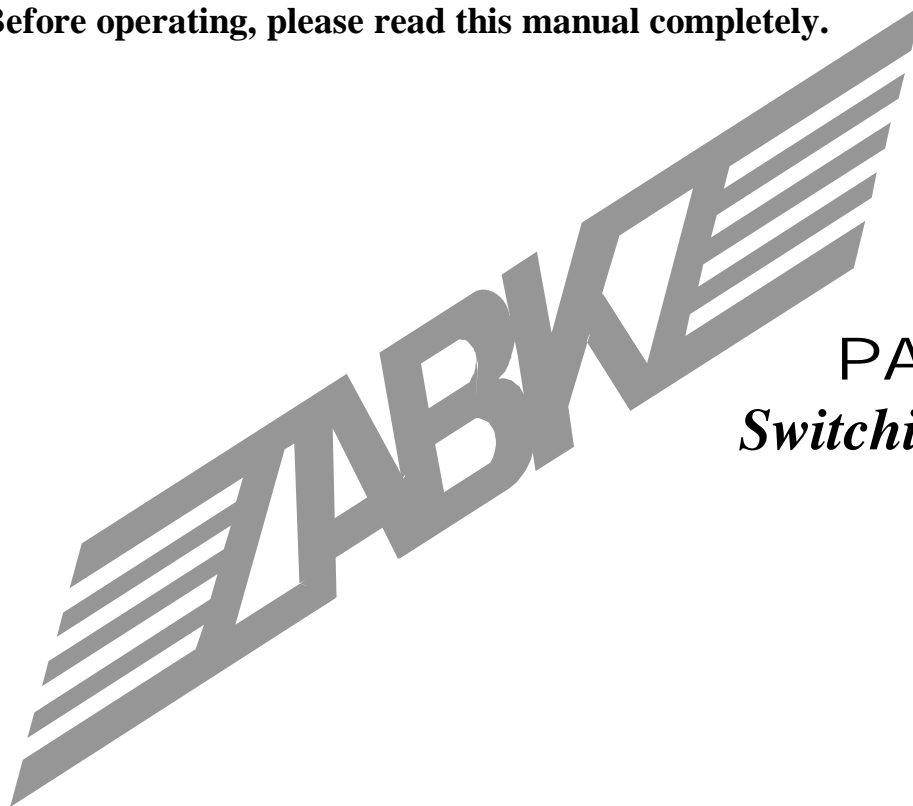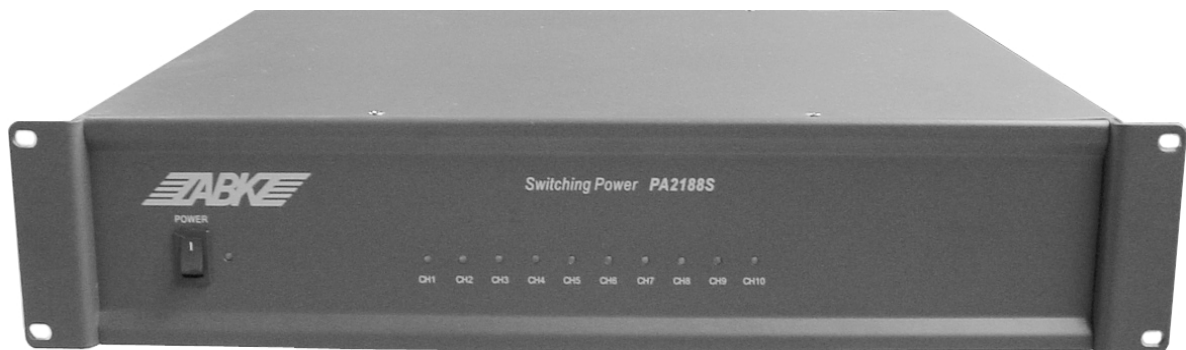# OWNER'S MANUAL

Before operating, please read this manual completely.

ABK

PA2188S
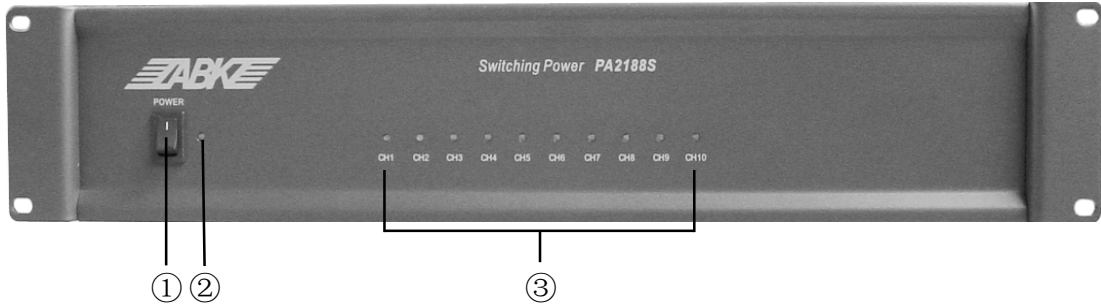*Switching Power*

FEATURES

l **10CH Alarm input**

l **10CH Alarm link output**

l **10CH DC 24V switching power outputs**
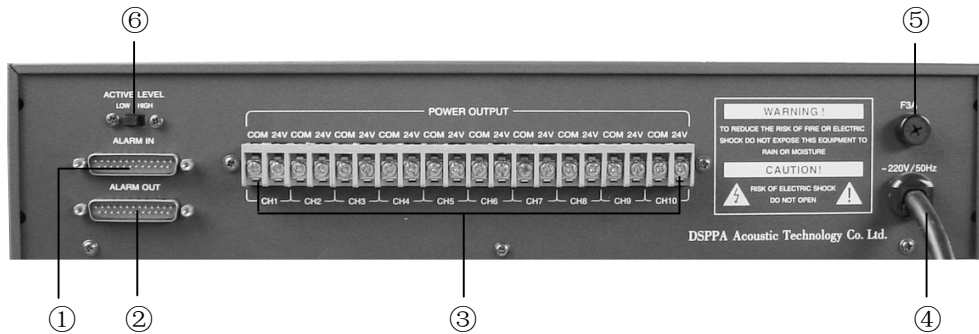
Left blank for memo
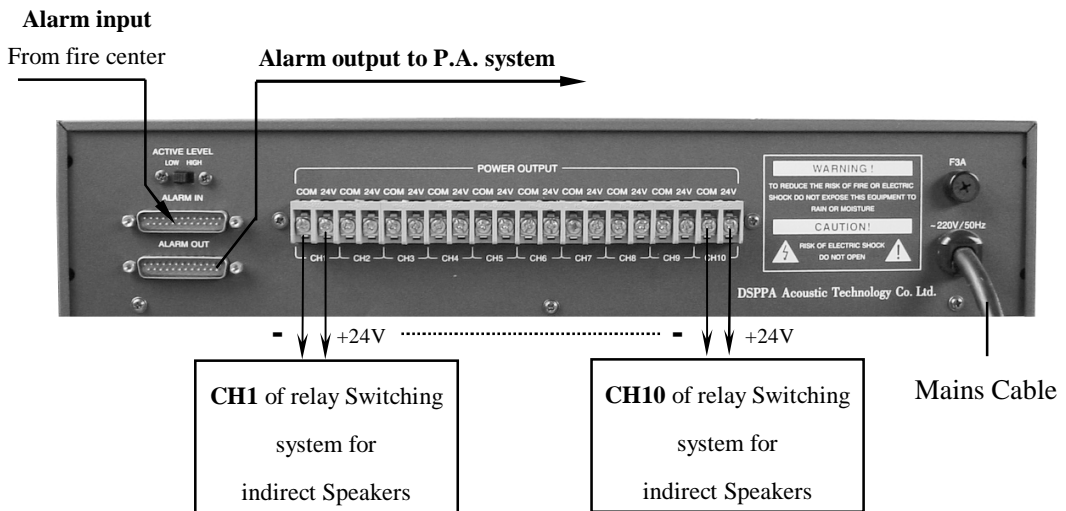
FRONT PANEL

① Power Switch (1 is power on and the "power LED" is on)
② Power LED indicator   ③ Output indicator

REAR PANEL

① Alarm Input   ③ 24V Power Output   ⑤ Fuse

② Alarm Output   ④ Mains Cable   ⑥ Active Level Selector

CONNECTIONS

Alarm input
From fire center

Alarm output to P.A. system

- +24V ·············· - +24V

| CH1 of relay Switching system for indirect Speakers | CH10 of relay Switching system for indirect Speakers |

Mains Cable

OPERATION

1. **ALARM IN** To be connected to fire center, Pin **1~10** are Live Terminals of CH1~CH10 respectively, and Pin **11~25** are **COM**. **+12V** high-level signal or **0V** low-level signal is available. While **ACTIVE LEVEL set** at **HIGH,** high-level is valid; while set at **LOW,** low-level (grounded signal) is valid.

2. **ALARM OUTPUT** is connected to P.A. system for activating another device standing by.

3. **POWER OUTPUT** while alarm signals come in those terminals on real panel will give out **DC 24V** power source automatically for switching on indirect speakers of alarming zone..
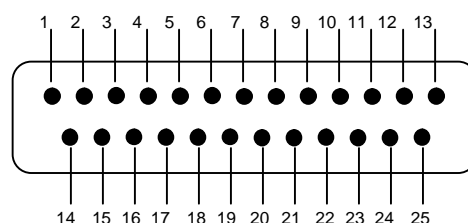
SPECIFICATIONS

Channels	10, activated by alarm signal
Alarm Level	12 **V** / 0 **V** , preset available
Output	**DC 24 V** ×**1 A** per **channel**
Protection	**AC** fuse 1
Power Requirement	**AC** 220 –240 **V** / 50～60 **Hz**
Dimensions	485×88×378**mm**
Gross weight	11.5 **kg**
Net weight	10.2 **kg**

Specifications are subject to be changed without notice.

CAUTION

● Do not put the vase full of water and similar things on the machine.

● Please pull out the plug from the outlet when the machine is OFF state.

● To reduce the risk of electric shock, do not remove the unit's cover.

No user parts are inside.   For services, refer to a qualified service person.