

PC1064

Automatic Switcher for Main/Backup Amplifier



Description

This product is an automatic switcher for main/backup amplifier, which can automatically detect the amplifier failure and switch between the “main amplifier” and the “backup amplifier”, with auto and manual control. It has 4 identical independent channels, and each channel can complete the automatic detection and automatic switching of the main/backup amplifier.

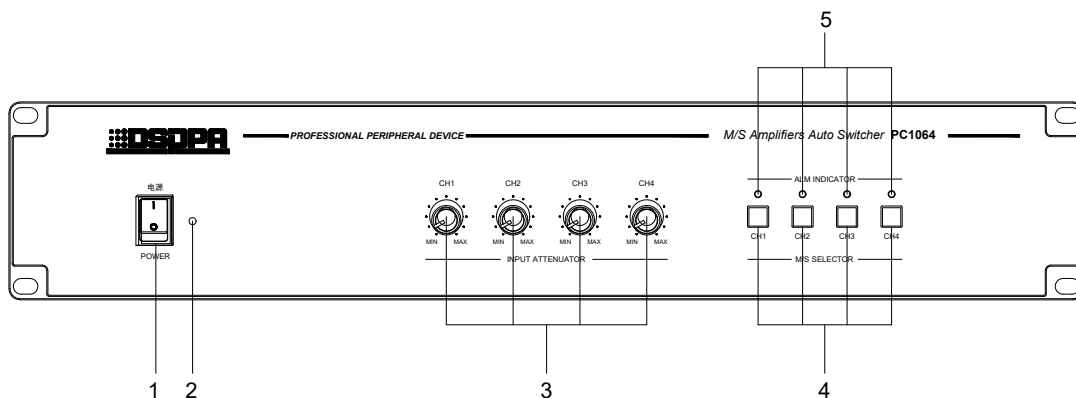
Features

- Can automatically detect the amplifier failure and switch between the “main amplifier” and the “backup amplifier”.
- With 4 identical independent channels. Each channel can complete the automatic detection and automatic switching of the main/backup amplifier.
- Can select the main/backup amplifier manually.
- Can support remote control of the PC and the network public address system host.

Specifications

Model	PC1064
Number of Controllable Channels	4 channels
Channel Working Capacity	150V/30A (Audio signal)
Amplifier Gain Requirement	>20dB
Input Detection Threshold	<100mV
Channel Detection Time	20ms
Power Supply	AC220V/50Hz
Protection	F1AL
Package Dimensions	(L×W×H) 555×455×185
Machine Dimensions (mm)	(L×W×H) 484×320×88
Gross Weight	7.8kg
Net Weight	6.2kg

Front Panel



1. Power Switch

Press the button on the “I” position to turn on the power, and on the “O” position to turn off the power.

2. Power Indicator

The indicator is on when the power is turned on and off when the power is turned off.

3. 4 Input Channel Volume Adjustment Knobs

Turn clockwise to increase volume, and counterclockwise to decrease volume.

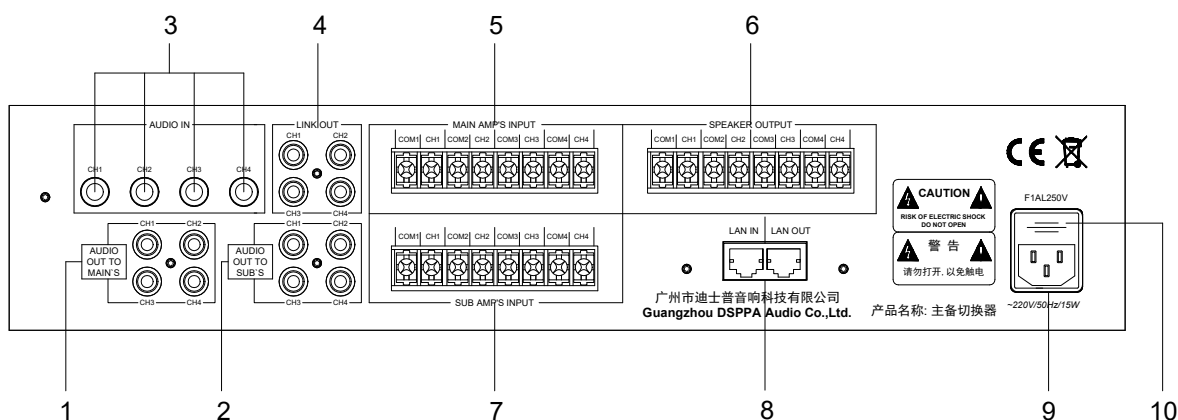
4. Manual Switching Button for Main/Backup Amplifier

The four channels have the function of manual main/backup selection. When manually selecting the main amplifier of a channel to work, the corresponding indicator light indicated by the item 5 is off; when manually selecting the backup amplifier of the channel to work, the corresponding indicator indicated by the item 5 is on.

5. Amplifier Working Status Indicators

The four independent channels have separate indication for working status. When the main amplifier is working normally, the indicator light is off; when the backup amplifier of this channel is working, the indicator light is on; when the CH2, CH3 or CH4 recall the backup amplifier of the CH1, the indicator light of the corresponding channel will flash.

Rear Panel



1. Main Amplifier Connection Ports

Connected to the audio signal input port of the main amplifier.

2. Backup Amplifier Connection Ports

Connected to the audio signal input port of the backup amplifier.

3. Peripheral Audio Signal Inputs

Connected to the external audio source device. One channel is connected to one audio source device.

4. Loop Link Interfaces

The interface outputs line audio signals, and each output interface corresponds to the peripheral signal input interface.

5. Main Amplifier Signal Inputs

Connected to the signal output interface of the main amplifier. For example, connected to the 70V or 100V output terminal of the main amplifier.

6. Signal Output Interfaces

When connecting a speaker, please pay attention to distinguish the COM terminal and the CH terminal.

7. Backup Amplifier Signal Inputs

Connected to the signal output interface of the backup amplifier. For example, connected to the 70V or 100V output terminal of the backup amplifier.

8. Network Interface

A network interface for connecting to LAN or PC remote control terminal.

9. AC Power Input Socket

Plug the AC power cord into this socket.

10. AC Fuse

It is used to fix the AC power fuse. If the fuse is blown, replace it with a fuse of the same specification. If the fuse is continuously blown, please check the lines.