PC1076

Power Sequence Controller

Description

This product is a power sequence controller, which can turn on or off the power of 16 channels of controlled devices in sequence, with auto and manual control. It can turn on the power when it receives a short-circuit signal. Also, it can support remote control of PC and network public address system host.

Features

- Turn on or off the power of 16-channel controlled devices in sequence.
- Support auto or manual control through a timer.
- Support auto power-on with a short-circuit signal.
- With total socket capacity of 3.5kVA.
- Can display the working voltage.
- Can support remote control of PC and network public address system host.
- Adopt hand-in-hand connection method.

Specifications

Model	PC1076
Power Socket Output Capacity	Total capacity 3.5kVA, 16 channels. 220V, maximum output current 10A per socket
Timer Control Signal	Network trigger signal
Action Interval	About 0.5s
Working Power	AC 220V/50Hz
Protection	F1AL
Package Dimensions (mm)	(L×W×H) 555×455×185
Machine Dimensions (mm)	(L×W×H) 484×320×88
Gross Weight	9.2kg
Net Weight	7.4kg

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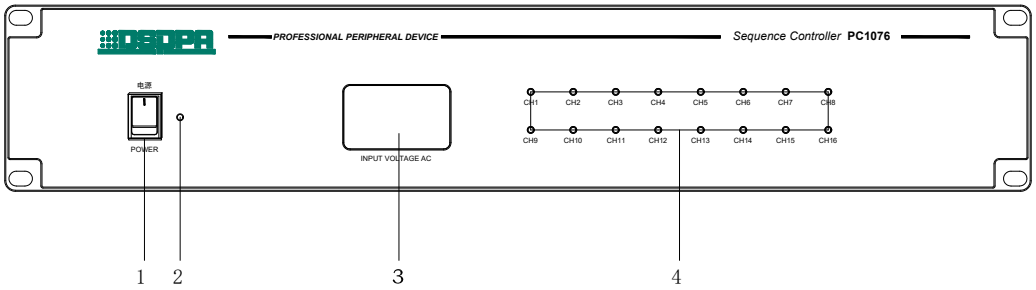
Front / Rear Panel

Front Panel



1 Power Switch

Press the button to turn it on, otherwise turn it off.

2 Power Indicator

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

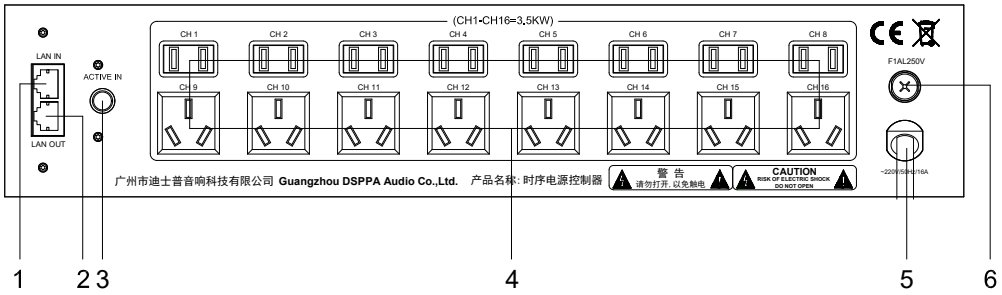
3 Working Voltage Display

Display the working voltage of the device.

4 Output Indicators

16-channel power output indicators. When the power is turned on normally and the 16-channel power supplies are working normally, these 16 indicators light up in sequence. When there is an alarm signal, the indicators will flash and will not be controlled by the power switch, that is, when there is an alarm signal, the device cannot be turned off with the power switch until the alarm signal is canceled.

Rear Panel



1 Network Input Interface

Connected to the remote control output interface of the previous device.

2 Network Output Interface

Connected to the remote control input interface of the next device.

3 Short-circuit Signal Input Interface

When there is a short-circuit signal input from this interface, it can automatically turn on the power supply and supply power to other devices. The short-circuit signal is active even at low level.

4 Power Output Socket (16 Channels)

The 16 power output ports are respectively connected to the power supply of other devices. Connect them to the system properly, connect the machine to the power source, and then turn on the power switch. In the sequence pattern, the machine will turn on the 16-channel power supplies in sequence, and the machine will turn off the 16-channel power supplies in the reverse order when the power switch is turned off. The time interval for opening and closing each channel can be set on the PC (the interval time range: 500-65535ms). In switching pattern, the switch of each power supply can be controlled on the PC.

5 AC Power Cord

Connect to the AC power grid to provide power for the device.

6 **AC Fuse Holder**

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 machine faults.

Tips: When the power switch of the machine is in the "OFF" state, if there is an alarm trigger signal, it will automatically turn on the power in sequence. At this time, the power indicator will flash. In the alarm state, the power switch control of the device is invalid, and the power will be automatically turned off after the alarm signal is canceled.

The PC software is used to realize remote monitoring. When the machine is in the off state, the power of the sequence controller can be remotely turned on and off on the PC. At this time, the power indicator will flash, and the machine will take priority over the PC on the power switch. When the power switch of the machine is on, it cannot be turned off on the PC.