DSPPA

Intelligent Public Broadcasting Series
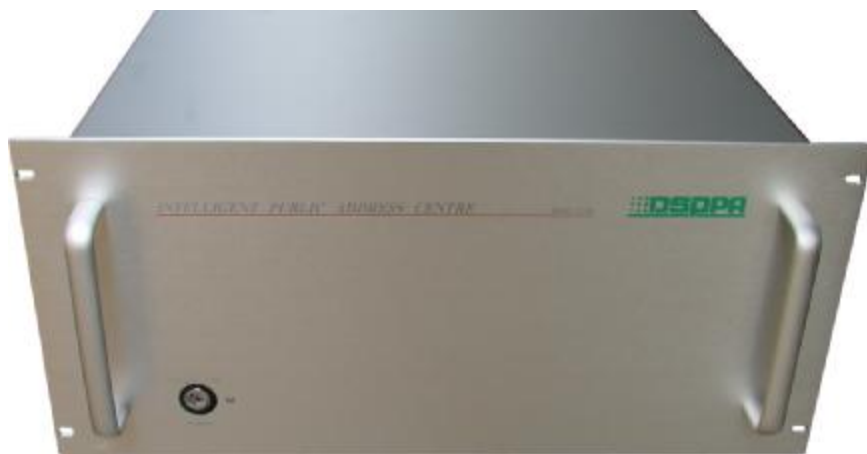
Expander for Intelligent Broadcasting Center   MAG 1200

Direction for Use

You're welcome to use the DSPPA public broadcasting system. For the better use of this product, please carefully read this specification.
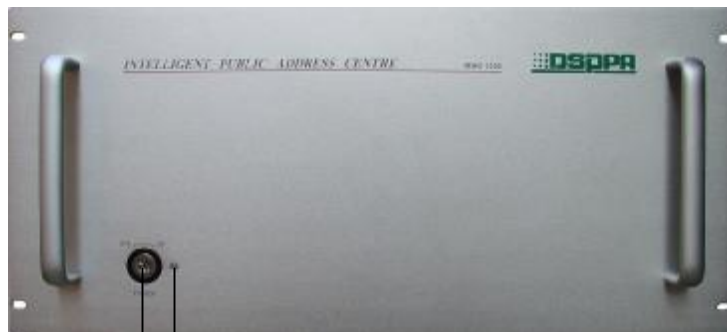
Performance Characteristics

l **Used to extend the number of the modules of the intelligent mainframe. Each expander can be plugged and connected with 12 modules.**

l **The multilevel linking can be carried out between the expanders and multiple expanders are scalable.**

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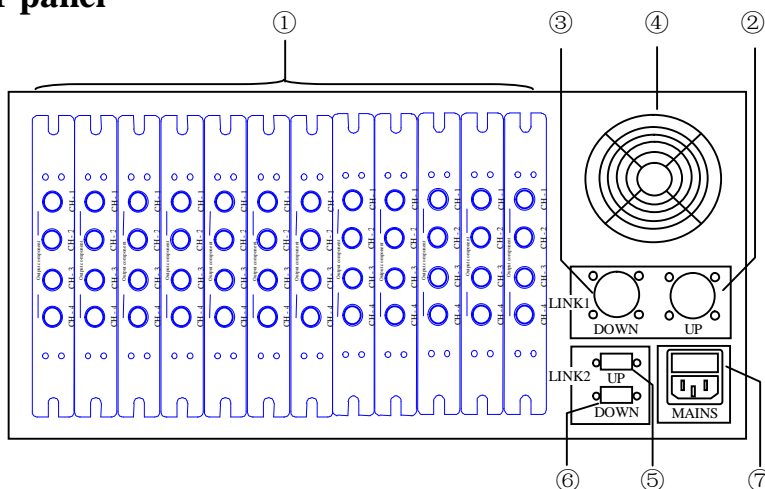
I. Introduction to the front and rear panels

Front panel

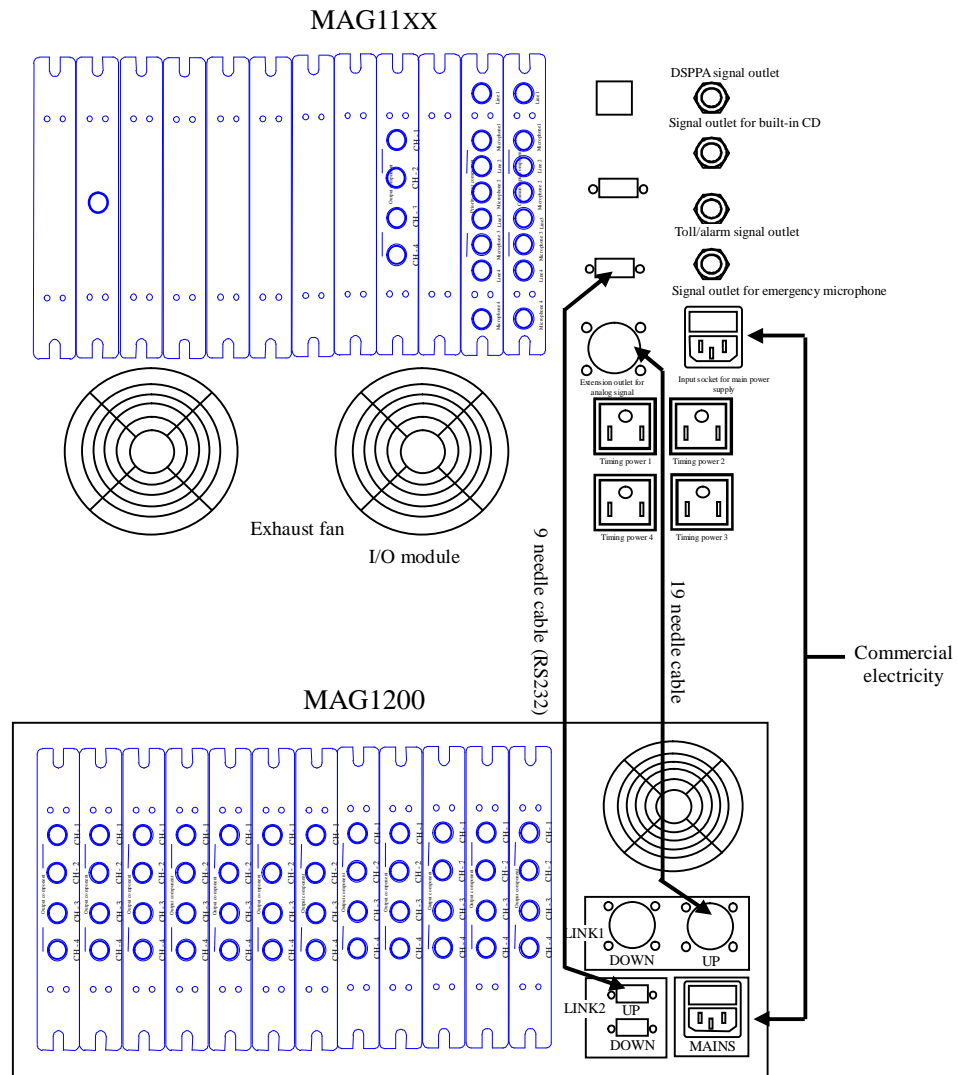① key switch   ② power indicator lamp

Rear panel

① function module   ② data exchange port of mainframe   ③ extended data exchange port
④ outlet ventilator   ⑤ mainframe link port   ⑥ link extension port
⑦ power socket

Function

This equipment is an equipment for extending the modules for MAG 11xx (mainframe). When the number of the function modules which the system needs to be equipped with surpass 12, one equipment must be used so as to extend the module capacity. The use method for each module is the same when being mounted on the mainframe. Simultaneously, the work of assembling the function modules can be only accomplished by the authorized professionals in order to assure the normal operation of the system. Cautions: this equipment only provides the module extension without other functions, must be used with being linked with the mainframe and can not be independently used.

II. Method for Connecting the System

MAG11XX

DSPPA signal outlet

Signal outlet for built-in CD

Toll/alarm signal outlet

Signal outlet for emergency microphone

Input socket for main power supply

Extension outlet for analog signal

Timing power 1

Timing power 2

Timing power 4

Timing power 3

Exhaust fan

I/O module

9 needle cable (RS232)

19 needle cable

Commercial electricity

MAG1200

LINK1

DOWN

UP

LINK2   UP

DOWN

MAINS

III. Precautions

1. Various connecting lines used for the system are only provided for being used for this system and can not be used for other purposes.

2. The electrification of the system is suitable for being implemented simultaneously and the time difference for electrification has better not be more than 20 seconds;

3. In operation, MAG1200 is powered down due to the faults and the repeated search and confirmation shall be applied to various resources on the mainframe MAG11XX artificially after the power is turned back on.

IV. Performance Specification

Model	MAG1200
Panel color	Silvery white
Working environment	Environmental temperature: 5-5℃; relative humidity：≦75%; Air pressure≈86-106kPa
Signal-to-noise ratio of system audio signal	LINE: 75dB; MIC: 60dB
Distortion of system audio signal	No more than 0.5% @ 1kHz;
Normal input level of system audio signal	LINE: 250mV; MIC: 8mV
Input impedance of system audio signal	LINE:10kΩ; MIC: 10kΩ
Normal output level of system audio signal	0dBV
Self electricity consumption	20W
Protection	F1A
Power supply	AC 220–240V/50-60Hz
Size	220´483´330mm
Gross weight	10kg
Net weight	9kg
Configuration	One mainframe, one specification, one power cord, two switch keys

Subject to changes of the performance specification without notice.

DSPPA Acoustic Technology Co., Ltd.