KB-D1240IP

1x240 IP Amplifier

Table1 Packing List of KB-D1240IP

No.	Product Name	Quantity
1	KB-D1240IP 1x240 IP Amplifier	1
2	Remote control	1
3	AC power cable	1
4	Fuse (3.15A)	1
5	Network cable	1
6	Dry contact wiring terminal (3.81-8P)	1
7	Power amplifier output wiring terminal(5.08-8P)	1
8	User manual	1

3 Equipment Overview

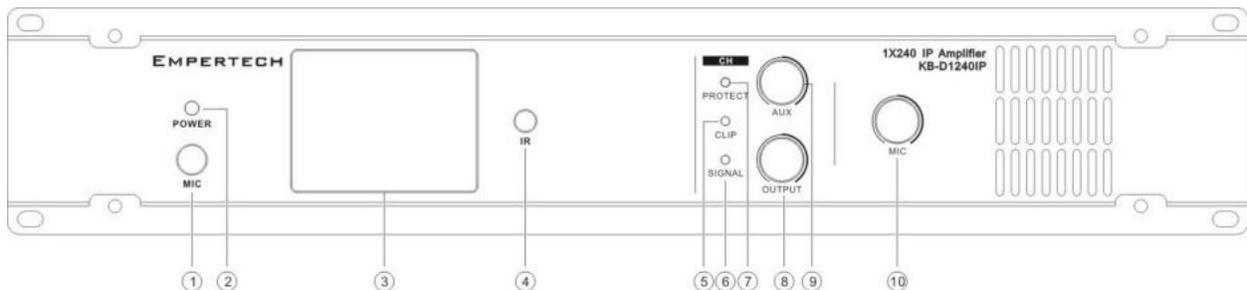

Port Descriptions

The ports on the KB-D1240IP front and rear panels are described in this section.

Front Panel

The front panel of the KB-D1240IP is shown in **Error! Reference source not found.**.

Figure1 The Front Panel of the KB-D1240IP

Refer to Table2 for the description of relevant components.

Table2 The Components of the KB-D1240IP Front Panel Descriptions

No.	Name	Description
1	MIC	MIC input port, used to connect with condenser microphone

No.	Name	Description
2	POWER	Power Indicator (Red Light)
3	LCD	The LCD screen displays the work status and programs of the KB-D1240IP
4	IR	Infrared remote control receiver. Point the remote controller towards the glass when controlling the terminal.
5	CH CLIP	Peak clipping indicator light. When the input signal exceeds the rated peak value, the indicator light is red.
6	CH SIGNAL	Signal indicator light, this light turns green and fluctuates depending upon the signal intensity. If the light is off, there is no input signal.
7	CH PROTECT	Power amplifier protection indicator light, when the power amplifier in the over-temperature, over-current, and over-voltage or under-voltage condition, the amplifier will automatically protect the equipment and indicator light turns yellow.
8	CH OUTPUT	Output volume adjusting knob, used to adjust output volume
9	CH AUX	Line input volume adjusting knob, used to adjust line input volume
10	MIC	MIC volume adjusting knob, used to adjust MIC volume

Rear Panel

The rear panel of the KB-D1240IP is shown in **Error! Reference source not found.**.

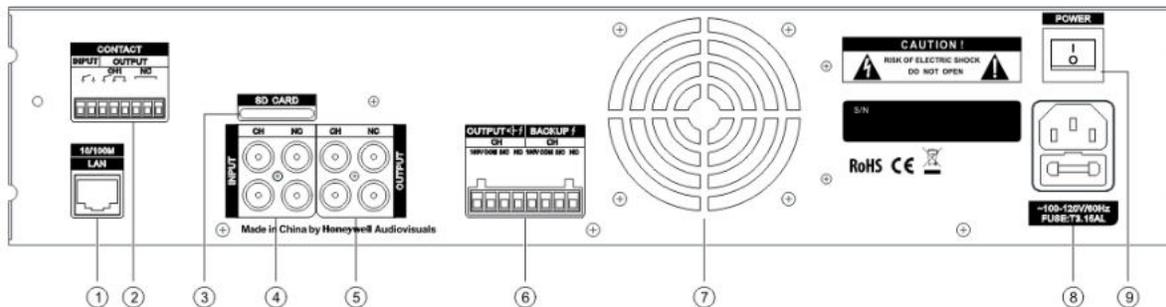Refer to **Error! Reference source not found.** for the description of relevant components.

Figure2 The Rear Panel of the KB-D1240IP

Table3 The Components of the KB-D1240IP Rear Panel Descriptions

No.	Port	Description
1	10/100M LAN	10/100M self-adaptive Ethernet network connection port
2	CONTACT OUTPUT	Three-Line Volume controller output
	CONTACT INPUT	Reserved, Standard dry contact input port
3	SD CARD	SD card port
4	INPUT	Audio line input port, used to connect external sound source equipment such as PC, and DVD player.
5	OUTPUT	Audio line output port, used to connect to the external power amplifier.

Table4 Descriptions of the Remote Control Buttons

Name	Description
Backlight	Turns the LCD screen on or off.
Mute	Mutes or unmutes the sound.
0 to 9 number keys	For entering passwords and setting network parameters.
Channels	Reserves, enters the network multicast audio sources selection interface.
Local	Plays the local input source.
On-demand	Enters the network on-demand operation interface.
Paging	Reserves, press this button to page other terminals.
OK	Confirms the current operation
Direction key	Menu navigation buttons, including up, down, left, and right navigation controls.
Setting	Enters the system settings interface
Cancel	Cancels the current operation
■	Stops playing the on-demand music
▶II	Pauses and resumes the currently playing on-demand music
Mode	Button for switching on-demand modes
I◀	Plays the previous song on-demand
▶I	Plays the next song on-demand
USB	Reserves, plays the MP3 files stored on a local removable USB drive
Extend	Reserves, extends other functions
Volume+	Increases the sound volume
Volume-	Decreases the sound volume

4   Equipment Installation

This chapter mainly describes the preparation and the detailed steps for the KB-D1240IP installation.

Installation Preparation

The following items and procedures must be prepared and completed before installing the KB-D1240IP:

- Preparing Auxiliary Tools
- Preparing Auxiliary Materials
- Packing List Inspection

Preparing Auxiliary Tools

The following auxiliary tools must be prepared before installing the KB-D1240IP:

- Phillips screwdriver（PH2）
- Multimeter

7 Product Specifications

Refer to Table6 for specific product specifications of the KB-D1240IP

Table6 Product Specifications of the KB-D1240IP

Parameters	Values
Power supply voltage	~100-120V 60Hz
Input sensitivity	1.4 V_{RMS}
Input impedance	20K ohm
Microphone input	-42dB±2dB
Frequency Response	70～18KHz （+1dB～-3dB）
SNR	≥85db
THD	≤1%
Rated power	1x240W
Speaker output	100V
Max. power	≤320W
Knob	MIC knob x1，Line input knob x1，Output volume knob x1
Indicator	Power indicator x1, Signal indicator x1, peak clipping indicator x1, protection indicator x1
Channel number	1
Type and quantity of ports	RJ45 network port:1 Speaker line output ports: 1 Standby amplifier input ports:1 Dry contact output ports: 1 Dry contact input ports: 1 Line input ports: 1 Line output port: 2 MIC input port: 1 SD card port: 1
Environment humidity	＜95%，without condensing
Working temperature	0°C~+40°C
Storage temperature	-10°C～+55°C
Dimension (W×H×D)	370X484X88
Packing dimension (W×H×D)	542x472x207
Net weight	12.80Kg
Gross weight	14.46Kg