



# Angekis ASP-C-04 High Quality Audio Processor User Manual

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# Angekis®

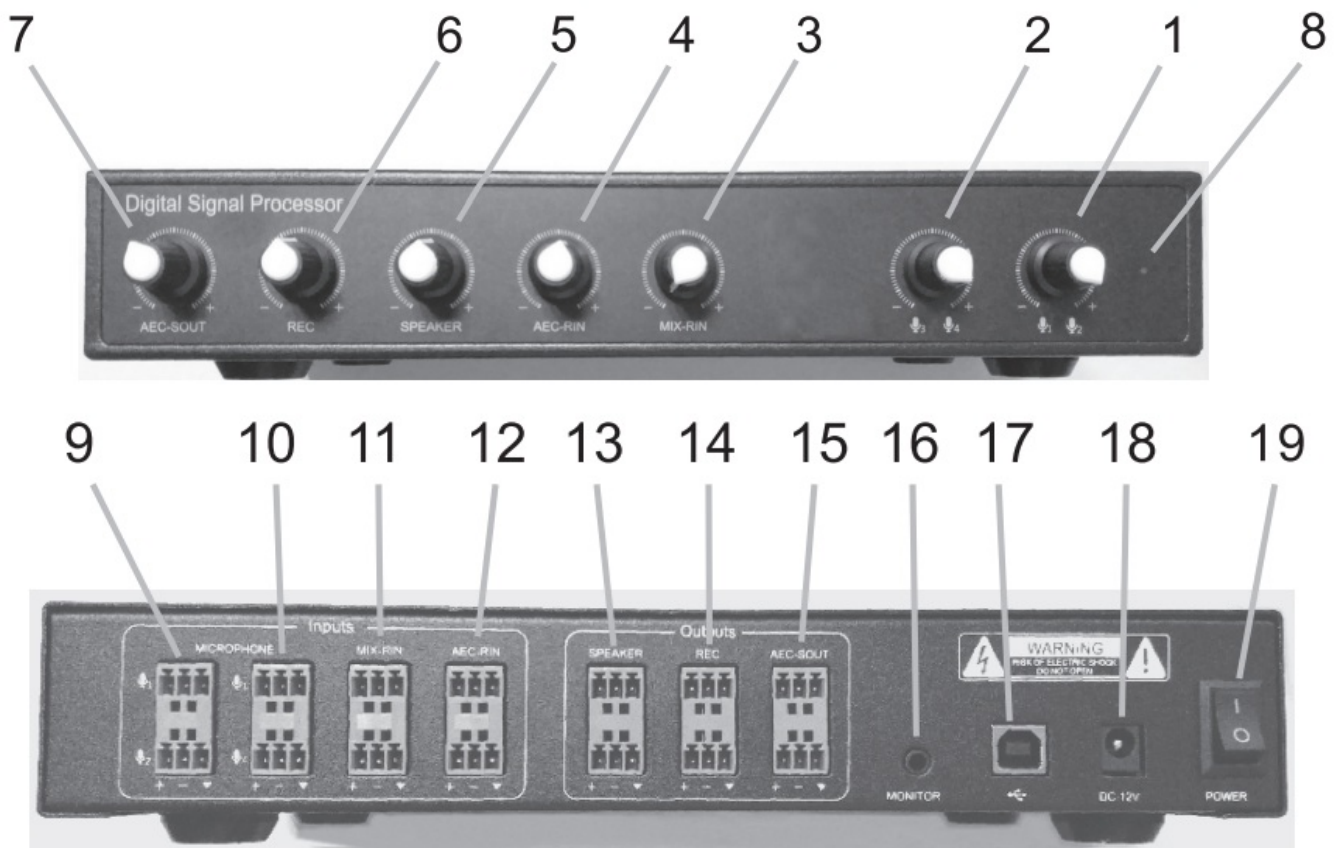
## Angekis ASP-C-04 High-Quality Audio Processor



## Product Overview

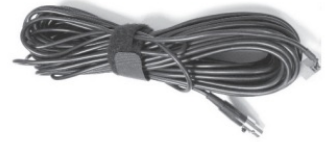
This is a high-quality audio mixing system, developed for use in lecture halls, meeting rooms, houses of worship, or any other large space that needs professional audio. It consists of a Digital Signal Processor main unit with phoenix terminals, 3.5mm and USB connectivity, as well as four HD voice hanging area microphones. It connects to speakers for instant amplification and/or a computer or recording device for further audio production.

## Introduction to host



1. 1# and 2# microphone input gain adjustment
2. 3# and 4# microphone input gain adjustment
3. Mixed audio input gain adjustment
4. AEC audio input gain adjustment
5. SPEAKER audio output gain adjustment
6. Record output gain adjustment
7. AEC audio output gain adjustment
8. Indicator light
9. 1# and 2# microphone special input interface
10. 3# and 4# microphone special input interface
11. Mixed audio input interface
12. AEC audio input interface
13. SPEAKER audio output interface
14. REC audio output interface
15. AEC audio output interface
16. 3.5 audio output monitoring interface
17. B-type USB data interface
18. DC 12V power input interface
19. DC power switch

## Packing List



- Audio processor host x1
- Spherical microphone 4
- Microphone cable 4

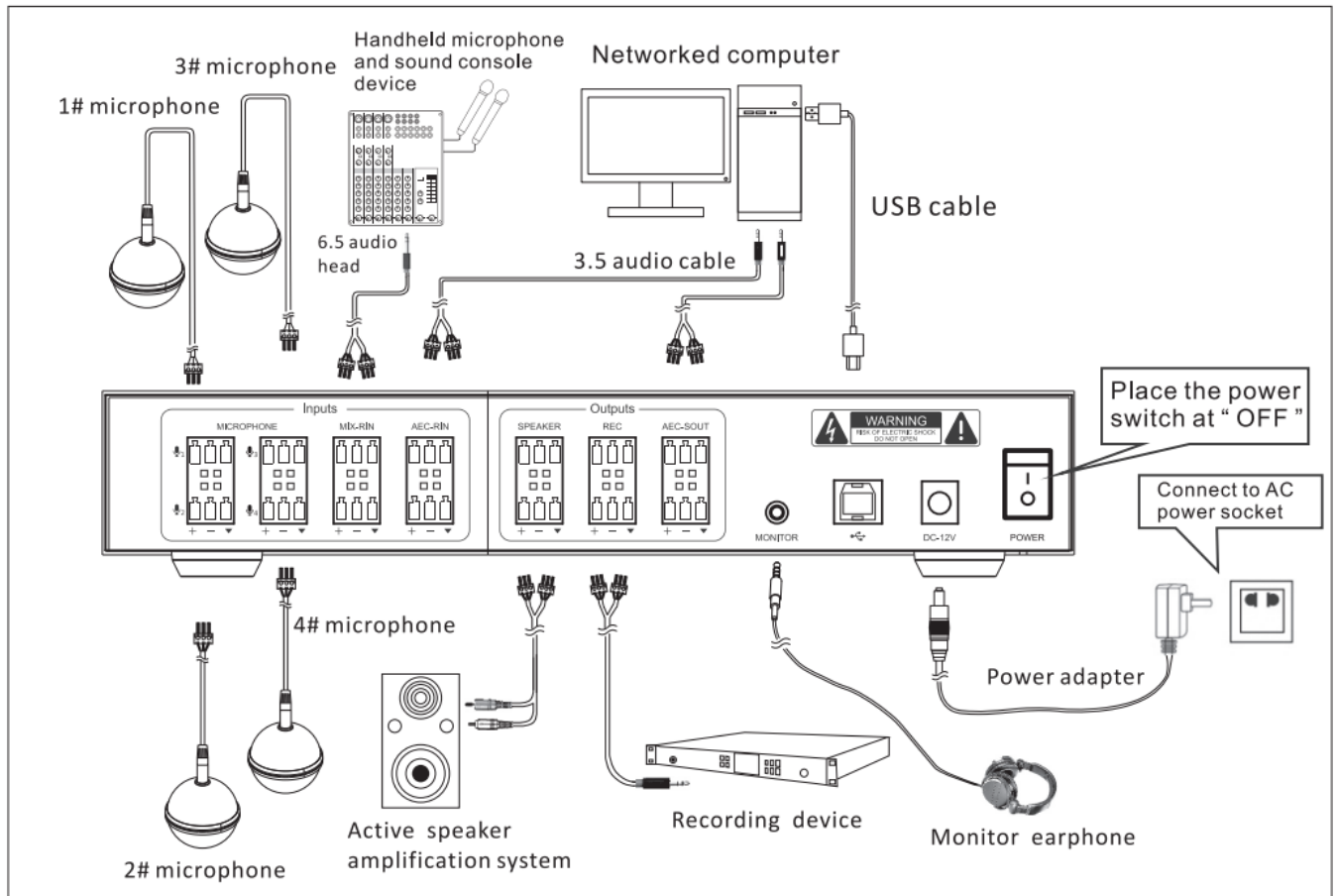


- RCA plug to Phoenix terminal cable x1
- 3.5 audio interface to Phoenix terminal cable x3
- USB-B to USB-A USB cable x1



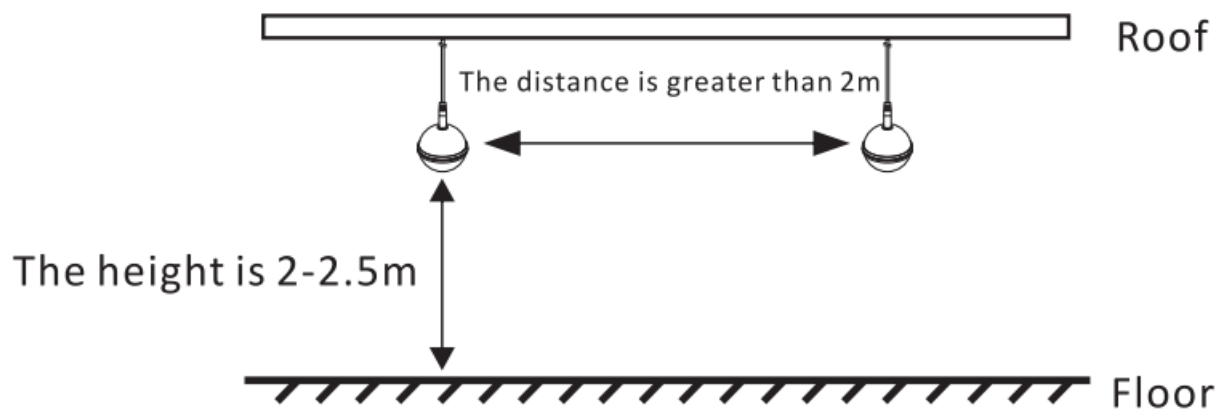
- Power adapter x1
- Phoenix terminal (spare part) x10

## Product installation



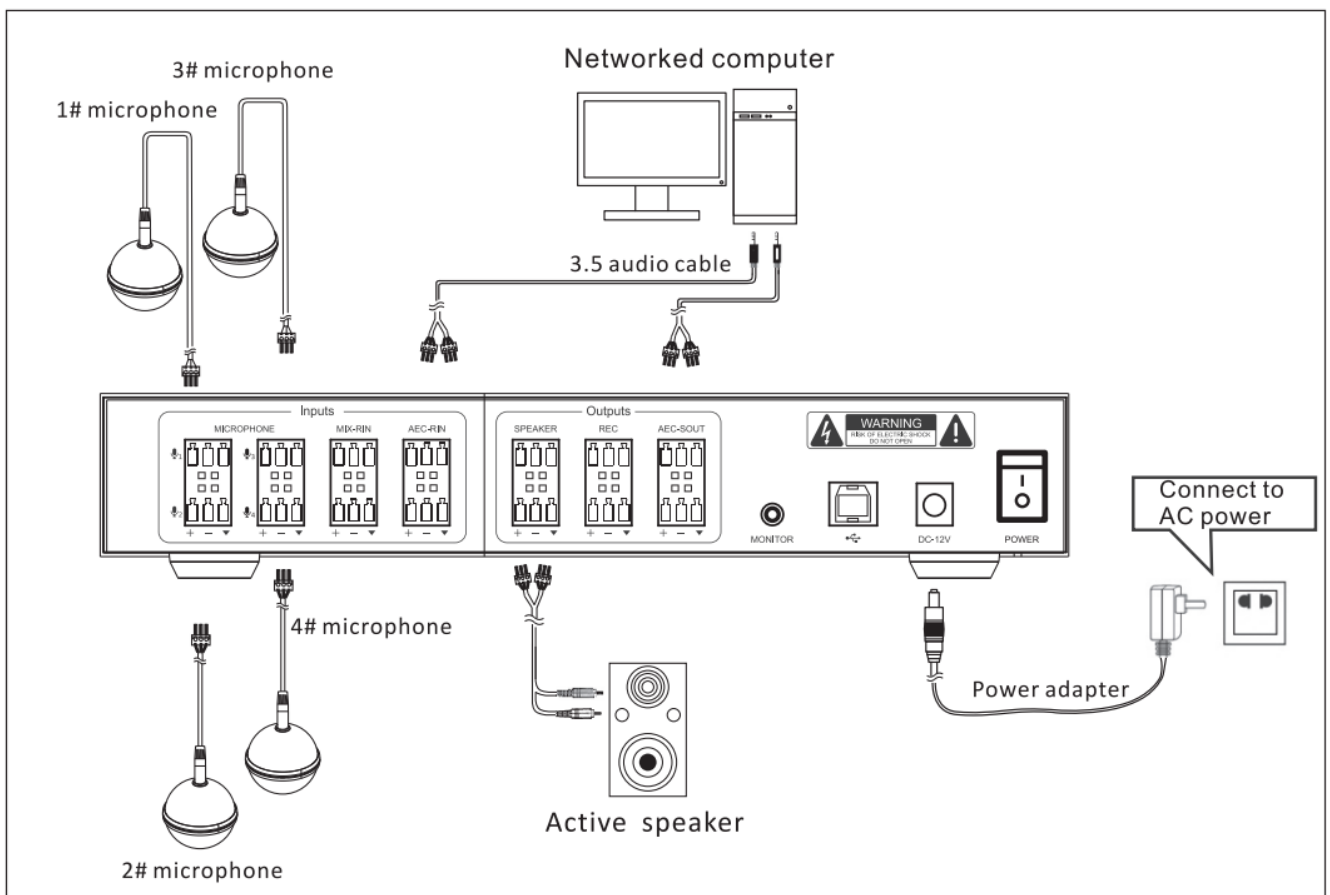
## Installation instructions:

1. Connect the device to the Phoenix terminal socket according to application scenarios. The leftmost 1#-4# Phoenix terminals are used for the microphone only (with Phantom power) and cannot be used for other purposes.
2. The single-ended audio signal needs to be connected to "+" and "▼" only and needs not to be connected to "-".
3. The audio differential signal needs to be connected to "+", "▼" and "-".
4. The mounting distance between four microphones is greater than 2m and the height is 2-2.5m.
5. The mounting distance between the speaker and the microphone is greater than 2m to achieve the best effect.

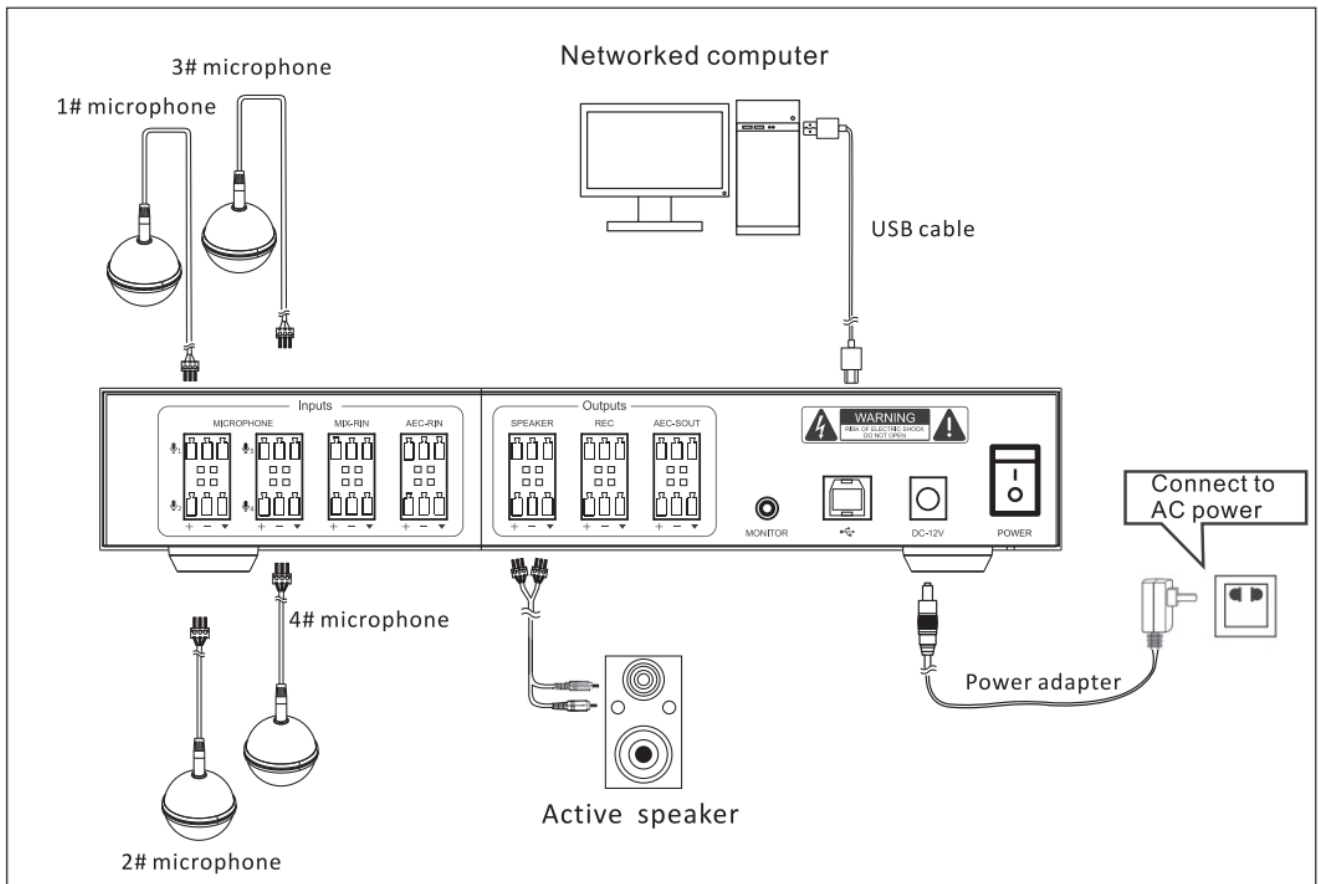


## Operation instructions

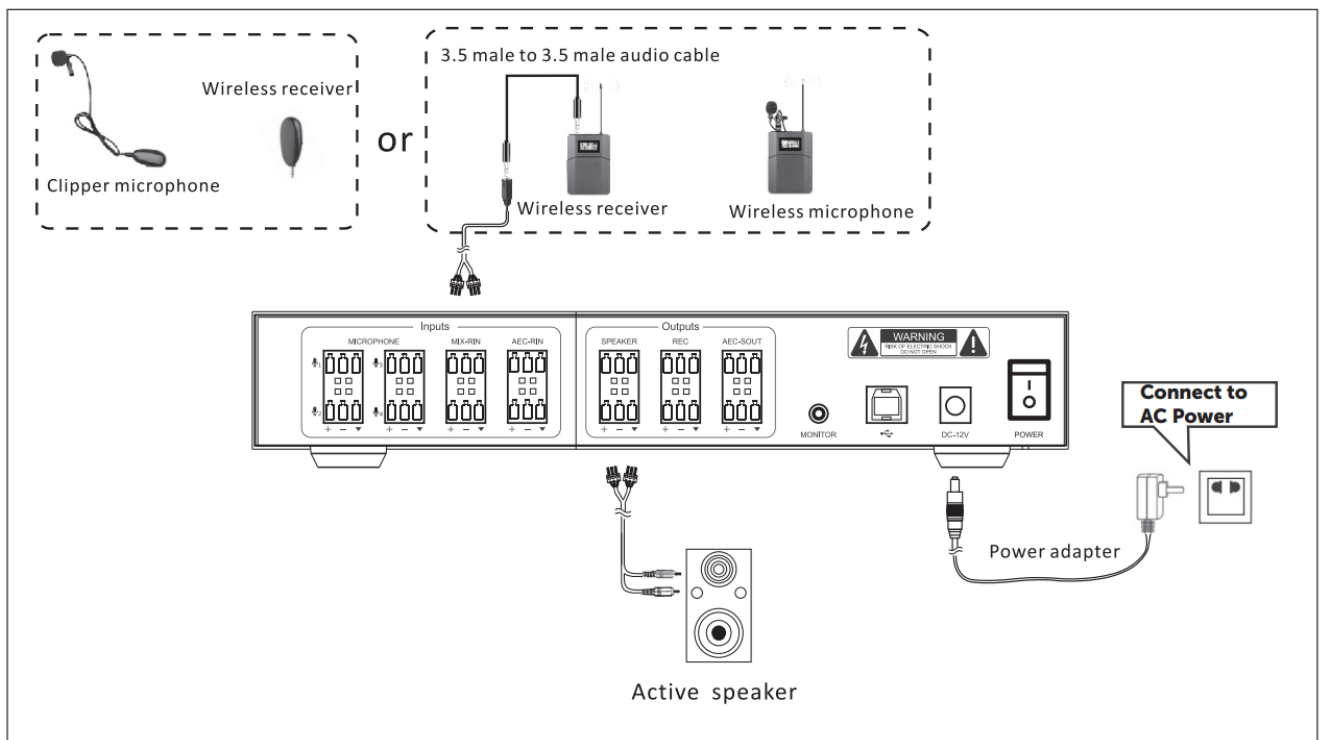
1. Main application scenario 1 of remote education and net meeting:



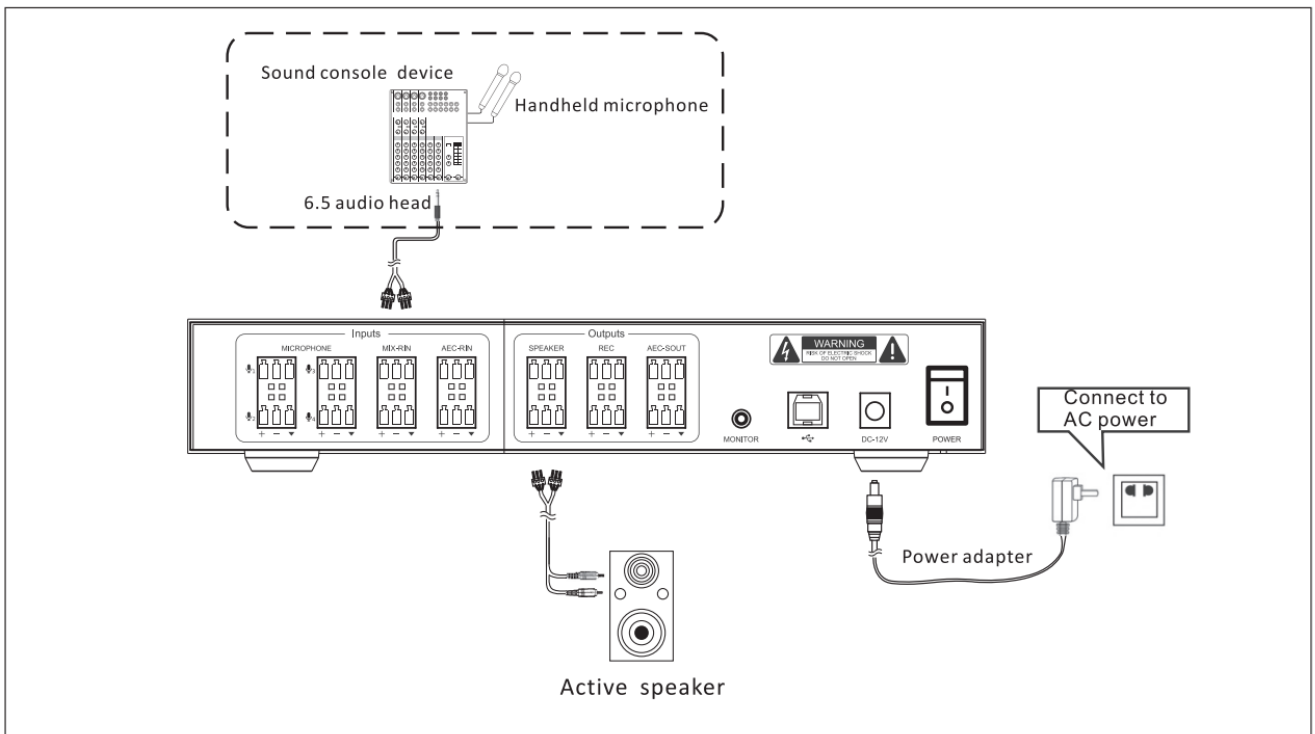
2. Main application scenario 2 of remote education and net meeting:



3. Application scenario 3 of the amplifier of the local classroom and conference room:



4. Application scenario 4 of a sound console of local classroom and conference room:



5. Based on installation and connection in the aforesaid application scenarios, the recording device and monitor earphone can be connected to the corresponding interface socket of the host to expand the recording and broadcasting monitoring function.

6. Operation steps:

- Open the package, take out the device and accessories and check the quantity in the packing list.
- Place the power switch of the host at "OFF"
- According to application scenarios and installation instructions of host, install a microphone cable, spherical microphone and active speaker. Then, connect the computer or other audio devices using cable. Finally, plug the power adaptor cable into the AC power socket.
- After the host is installed and connected according to the application scenarios graph, rotate all rotary knobs of the host anticlockwise to the minimum value, turn on the power switch of the host and the

indicator light will light up.

- Connect local and remote devices through the network for remote education and NetMeeting. First, connect VOIP of computer (such as Teams, Zoom, and other internet applications). Turn up the microphone gain and volume of the host properly. When necessary, adjust the volume and microphone sensitivity of the computer properly to hear a sound of local and remote devices clearly. After that, both sides can have a voice call.

If the device is used for teaching and conference only in local classroom and conference room, turn on the microphone gain and volume of the host properly to avoid squeaking and hear a sound in the speaker clearly.


### Description:

When the host is connected using USB cable, it can be used in computer of Microsoft Windows or Apple MAC operating systems. The USB cable is a plug-and-play cable and extra driver is not required.

### Precautions

1. In the Netmeeting teaching application, the computer cannot be connected to several loudspeakers, including the host.
2. The USB cable should be directly connected to the computer. If it is connected using USB hub (HUB), an operational problem may be caused.
3. If necessary, inspect whether the USB interface of the device is connected successfully: In attributes of sound and audio devices on the control panel of the computer of Microsoft Windows operating system, "Device model and name will be displayed in broadcasting (output) and recording (input) devices by default; otherwise, " Device model and the name" should be selected. In the computer of Apple MAC operating system, single click on the Apple icon on the upper left, select "Voice" in "System Preferences" and then select "Input" or "Output". Click on "Select voice input device" or "Select voice output device" and view whether "Built-in microphone" or "Built-in loudspeaker is " DDevice model and name by default; otherwise, reselect "Device model and name".
4. Please do not try to repair this device, or electric shock may be caused. Please contact the dealer about maintenance.

### Documents / Resources

	<p><a href="#">Angekis ASP-C-04 High Quality Audio Processor</a> [pdf] User Manual ASP-C-04 High Quality Audio Processor, ASP-C-04, ASP-C-04 Audio Processor, High Quality A udio Processor, Audio Processor, Processor</p>
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