



## **Prestel VCS-AB6**



Digital Audio Processor

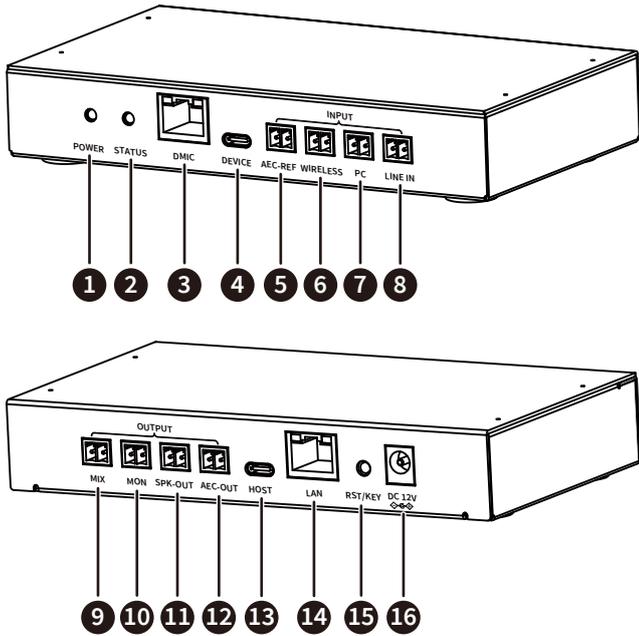
**QUICK START GUIDE**

# Digital Audio Processor Quick Start Guide

## 1 Packing List

Name	Quantity	Name	Quantity
Digital Audio Processor	1	Phoenix Head	8
Power Adapter	1	Quick Start Guide	1

## 2 Appearance and Interface



No.	Name	Description
1	POWER	Power indicator, always on when powered on.
2	STATUS	Status indicator, will flash quickly when the microphone is not connected or when interacting with the microphone, and will flash slowly after the interaction with the microphone is completed.
3	DMIC	Digital microphone interface, support standard POE power supply, connecting microphone through POE network cable.
4	DEVICE	USB audio interface, used as the device to connect USB host.
5	AEC-REF	Audio input interface, which can input the audio reference signal sent from the remote classroom.
6	WIRELESS	Audio input interface, which can input audio signal of local wireless microphone.
7	PC	Audio input interface, which can input audio signal of local PC.
8	LINE IN	Audio input interface, which can input audio signal of local line audio equipment.
9	MIX	Audio output interface, which can mix and output the sound collected by the local microphone and the audio signal sent from the remote classroom to the recording host, etc.
10	MON	Audio output interface, which can output the collected sound from the local microphone to the local monitoring device.
11	SPK-OUT	Audio output interface, which can output the audio signal sent from the remote classroom to the local speaker.
12	AEC-OUT	Audio output interface, which can output the collected sound from the local microphone to the local terminal or recording host, etc.
13	HOST	Reserved USB host interface (not enabled).

No.	Name	Description
14	LAN	RJ45 interface, connected to configuration computer or network switch.
15	RST/KEY	Reset key, used to restore the default parameters of the device.
16	DC 12V	Power adapter DC interface, 12V/3A.

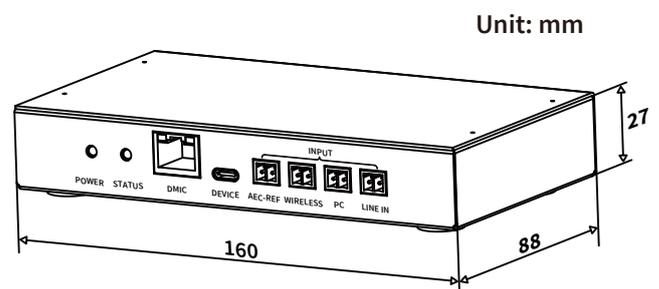
## 3 Product Features

- It adopts special chips, embedded architecture, professional digital audio processing, precise volume control, high efficiency, low delay, and more safe, stable and reliable system.
- Integrate new generation digital audio technologies such as automatic noise suppression (ANS), automatic gain control (AGC), automatic echo cancellation (AEC), automatic equalization, intelligent microphone mixing, anti-reverberation, etc.
- Support up to 6 cascade microphone input and 4-channel line input. Support extended wireless microphone, 4-channel line output, USB audio input and output.
- Support standard POE and digital microphone power supply, RJ45, USB and line audio interface connection. Plug and play, simple engineering wiring, long-distance transmission and strong anti-interference ability.

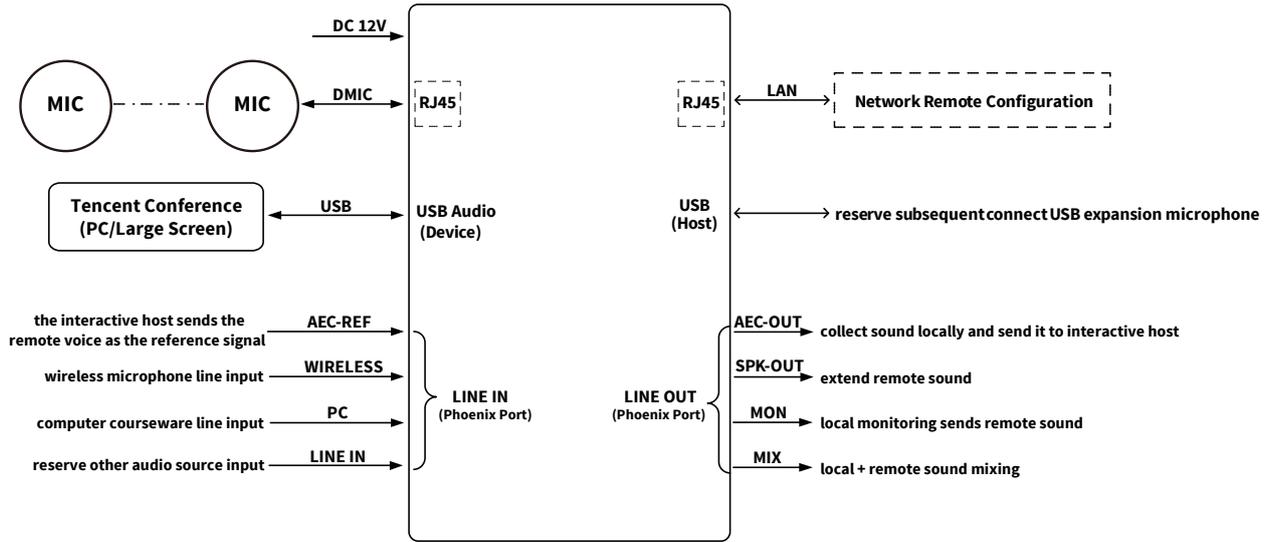
## 4 Product Specifications

Hardware Interfaces	
Network Interface	1 x uplink LAN interface
	1 x downlink cascade DMIC interface, cascade up to 6 microphones
USB Interface	1 x DEVICE interface, used as USB audio device to connect USB host
	1 x HOST interface, used as USB host to connect USB device
Audio Interface	4 x INPUT phoenix interface, unbalanced audio input
	4 x OUTPUT phoenix interface, unbalanced audio output
Power Interface	DC 12V
General Specifications	
Power Supply	DC12V/3A
POE	POE 48V power supply, support IEEE802.3 AT
Dimension	160mm x 88mm x 27mm
Net Weight	About 0.4Kg

## 5 Product Dimension

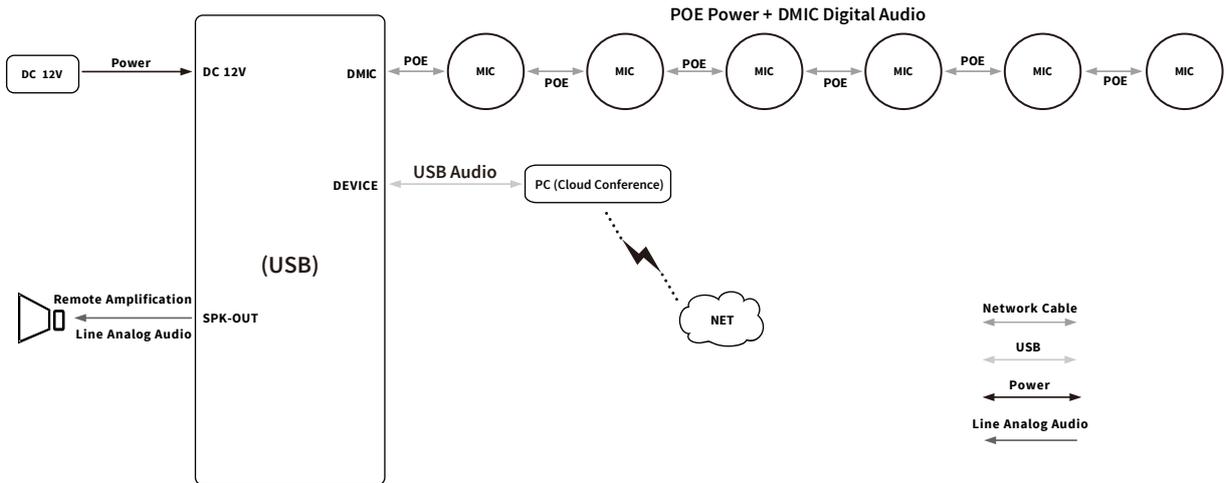


# 6 Interface Description



# 7 Network Application

## 7.1 USB Application



## 7.2 3.5mm Analog Application

