

ARVIA

A Brighter Future

DAS-800 Plus

Omnidirectional microphone + digital active speaker

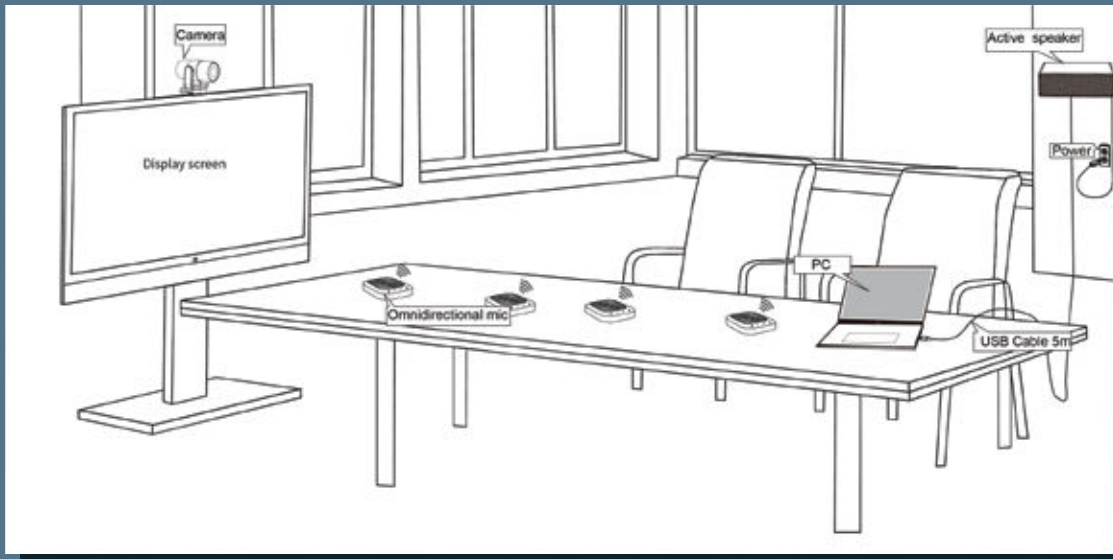
DAS-800 is a network conference hardware system based on USB connection. Digital active speakers play conference audio in real time. The configuration of 4 wireless pickup microphones provides a more comprehensive pickup range; at the same time, it also supports external microphones for local sound reinforcement, so that Meeting layout is simpler, faster and more efficient. The piano paint process, the speaker is as bright as a mirror, as long as new. The matte black painted panel and 12+15mm MDF board are used to effectively reduce resonance and provide a comfortable listening experience. The black piano paint process is as bright as a mirror, delicate and smooth, high temperature resistant, and hard as steel. The unique 10w high-pitched speaker and 25w mid-bass horn, together with the high-power amplifier, have been carefully tuned, and their performance on vocals is particularly excellent, and the sound quality is highly restored. The single knob design makes the operation simpler and is very suitable for use in the conference room scene.

Intelligent Audio Processing

Using the latest sound network voice processing technology, including digital audio processing, dynamic noise reduction processing, industry-leading 384ms echo cancellation, full-duplex voice calls, 360° omnidirectional sound pickup, etc. The single omnidirectional microphone pickup radius can reach 3m. Simultaneous two-way, natural and smooth talks, giving users a high-quality meeting experience.

Intelligent Audio Processing

Support 6.5mm interface handheld microphone, smooth communication in conference, clear sound quality, no noise and no harshness, clearer voice communication



Installation steps:

- 1) Install the antenna on the speaker and turn on the speaker
- 2) Connect the speaker and PC with a USB cable
- 3) Press and hold the omnidirectional microphone power button, and turn on the pickup function after the green light is on.

Features:

- 1) Compatible with general video conference software, such as Skype, ZOOM, Skype, Wechat, etc.
- 2) Anti-magnetic design, wooden Digital active speaker, Mellow mid-range and strong bass. High quality piano paint, no yellowing for a long time
- 3) **Innotrik voice processing technology**
360° high coverage smart pickup 384ms echo cancellation
Full-duplex call technology
Dynamic noise reduction
- 4) **Wireless portable microphone**
Stable communication and smooth communication.
Clear sound quality, no noise and no harshness
- 5) **Support handheld microphone**
The connection is stable and continuous, so that the sound can easily cover the venue, plug and play, convenient and fast
- 6) **Wireless charging:**
While using traditional wired charging, a single omnidirectional microphone also supports wireless charging function, two charging methods are selected, which is more convenient to use



Packing List

- 1) DAS-800 speakerphones
- 2) Piano paint speaker
- 3) speaker antenna
- 4) speakerphones' power adapter
- 5) USB cable
- 6) speaker power adapter
- 7) instruction manual

Specification

Component:

- Omni-directional desktop controller with audio processing functions and USB function control, indicators and buttons
- Digital Active Speaker
- USB data cable
- USB charging plug
- Built-in battery

Size

- 110*110*20 mm (omnidirectional mic)
- 410*210*150mm (loudspeaker)

Net Weight

- Single microphone: 200g
- Loudspeaker: 4.7kgs

Color

- Microphone:
 - Business Black
- Speaker
 - Matte black painted panel
 - Black piano painted wooden side
- Omnidirectional microphone
 - Audio bandwidth
 - 100-16KHz
 - Sensitivity: -38 dB 94dB SPL@1KHz
 - Signal to noise ratio: 65dB
 - 94dB SPL @ 1KHz, A-weight
 - Power supply
 - DC 5V / 500mA
 - Built-in 1800mA lithium-ion battery

Active speakers

- Power:
 - mid-bass 25W*2, High pitch 10W*1
- Volume: 100dB (0.5m)
- Power adapter: 15V/4A
- Speaker frequency response: 75HZ~20KHZ

Audio

- Digital audio processing
- 384ms echo cancellation
- Dynamic noise reduction
- full duplex
- 360 degree pick-up range
 - Up to 3m pickup range

Computer system

- Windows 8 / Windows 7 / Windows 10/Windows XP.,mac 10.7 and above, etc.

Function

- support computer software audio
 - Skype, Zoom,wechat etc.
- microphone mute
- loudspeaker mute
- volume up/down
- indicator

Product execution standard

- YD/T 993-1998
- GB/T 9254-2008
- GB 4843.1-2011

Recommended conditions

- temperature : 5°-44°
- humidity : 20-85% condensation free
- noise level : <48db
- storage temperature : -10°-55°
- Reverberation time: <0.5 seconds

Omnidirectional microphone button

- Speaker mute button
- Microphone mute button
- Volume up button
- Volume down button
- Turn on/off button

Speakerphone indicators:

Switch on/off:

Press and hold the switch button on the bottom of speakerphone for 1 second to turn on; press and hold the switch button on the bottom of speakerphone for 1 second to turn off

Low battery:

1. When the speaker is not turned on, the green light of one of the speakerphones flashes, if other speakerphones do not flash, it means that this speakerphone has low power.
2. In the online state, when the power is low, the red light of the speakerphones will flash.

Charging: The charging indicator of the speakerphones are orange.

Charging completed: the charging indicator turn off.

Normal connection: the green light of the speakerphones are always on, and the indicator light of the master is green

Not connected normally: When the master is not turned on, the speakerphones status is green and blinking.

Microphone mute: the red light of the speakerphone is always on

Speaker mute: the indicator light on the host is steady red

Speaker indicator

Green light: The device is working normally

Speaker volume adjustment knob

·To the Left: Volume down

·To the right: Volume up



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