



## TS-810A

### Desktop Surveillance Microphone

—  
Desktop Design  
Professional Recording  
Dynamic Noise Reduction  
Acoustic Echo Cancellation  
Versatile Integrations with IPC, NVR

Distance  
Adjustment

Metal Alloy

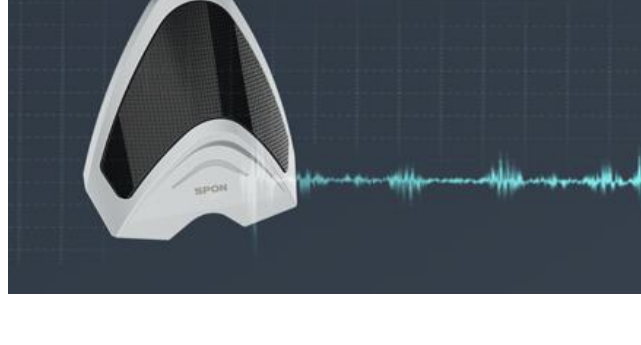
Volume  
Adjustment

HD Sound  
Collection

## MAIN FEATURES

### 1. Durability and Design

- **Stylish Metal Construction:** Undergoes sandblasting and oxidation for a dynamic, tech-savvy appearance.
- **Standardized Design:** Aligns with national 86 box size and structure standards, facilitating easy installation and maintenance.
- **Temperature Resilience:** Operates effectively in temperatures ranging from -35°C to 70°C, suitable for harsh environments.



### 2. Audio Quality and Technology

- **Professional Microphone Capsules:** Precise design and circuit processing for clear, natural audio.
- **AEC and Noise Reduction:** Acoustic Echo Cancellation and adaptive noise reduction enhance voice clarity and fidelity.
- **Manual Adjustment:** Flexibility to adjust microphone distance and volume based on environment.
- **Automatic Gain Control:** Balances sound levels, ensuring clear and bright playback.
- **Impact Noise Adjustment:** Automatically manages high-intensity and sudden noises, protecting backend equipment.

### 3. Connectivity and Integration

- **Professional Audio Chip** Compatible with active speakers, computers, DVRs, network cameras, etc.
- **Superb Line Audio Transmission:** Capable of transmitting signals up to 3000 meters with shielded cables in complex environments.
- **Reverse Polarity Protection:** Ensures safe power supply installation and wiring.

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## SPECIFICATION

### POWER PARAMETERS

Power Supply: DC12V

### AUDIO PARAMETERS

Sound Pickup Range: 1-3 Meters(Adjustable)  
Directivity: Directional  
Sensitivity: -45dB  
Dynamic Range: 95dB(@1KHz)  
Signal Output Amplitude: 2Vrms(@1KHz)/ 5.6Vpp(@1KHz)  
Output Impedance: 600~1000Ω Unbalanced  
Frequency Response: 20Hz~20KHz

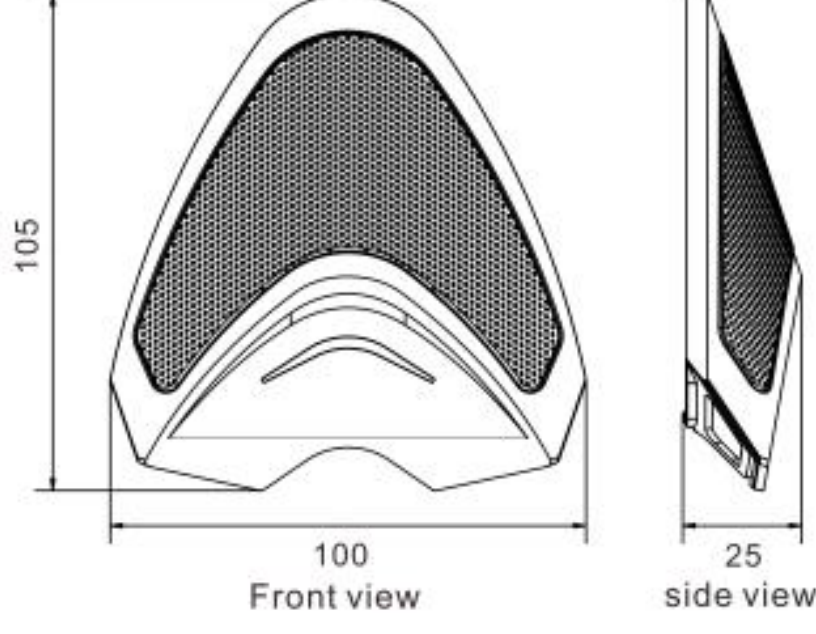
### MECHANICAL&ENVIRONMENT PROPERTIES

Mounting Method: Desktop Mount  
Installation Environment: Dry Indoor Locations Only  
Operating Temperature: -35°C~+70°C  
Operating Humidity: ≤90% RH Non-Condensing  
Housing Material: Aluminium Alloy  
Net Material: Metal  
Color: Silver+Black  
Product Dimensions: 105\*100\*25mm  
Product Warranty: 2 Years

### ACCESSORIES

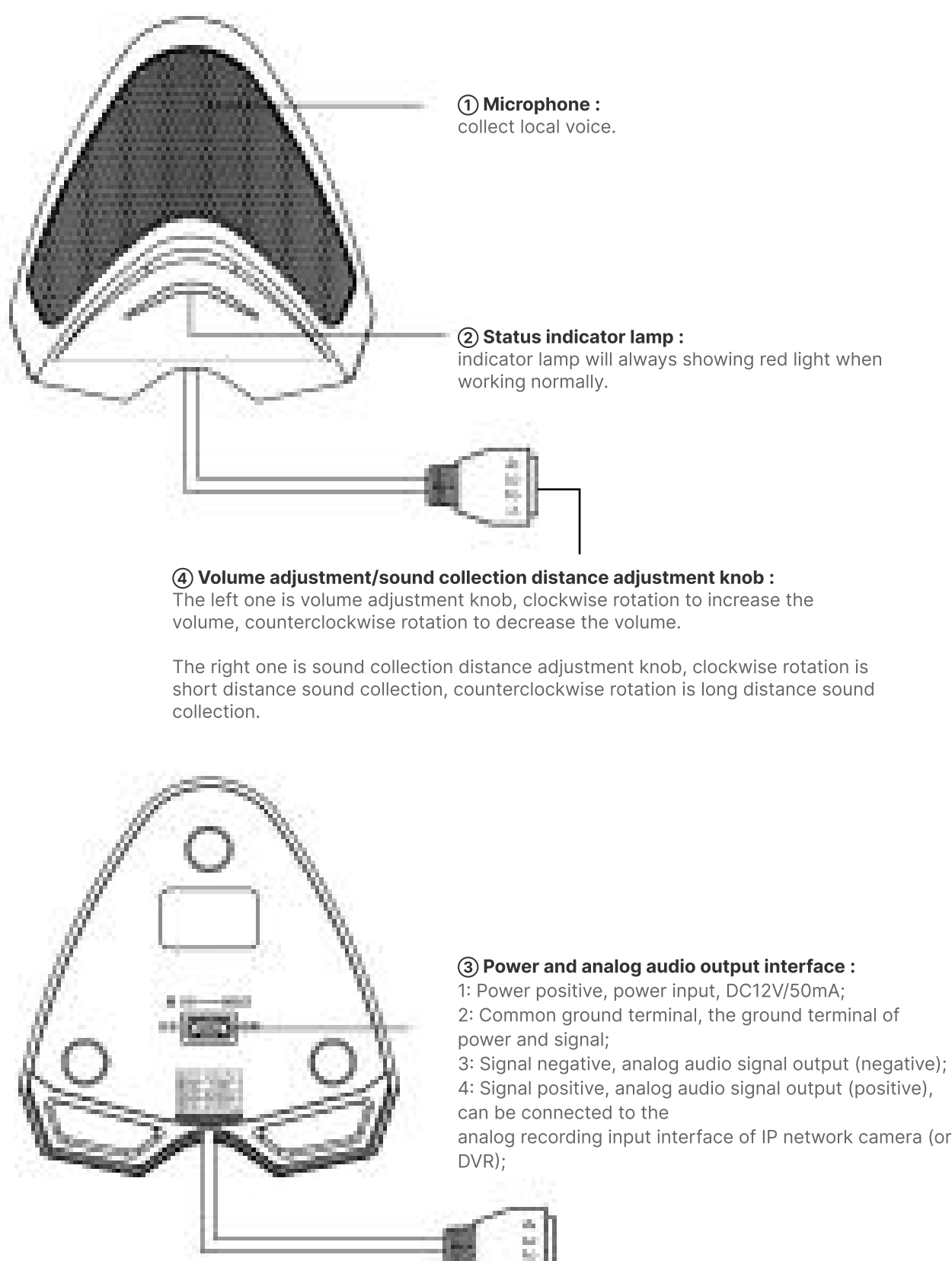
1× Wire Terminal(3.81-4P)  
1× Certificate Of Compliance And Warranty Card  
1× Quick Installation Guide

## DIMENSIONAL DRAWING



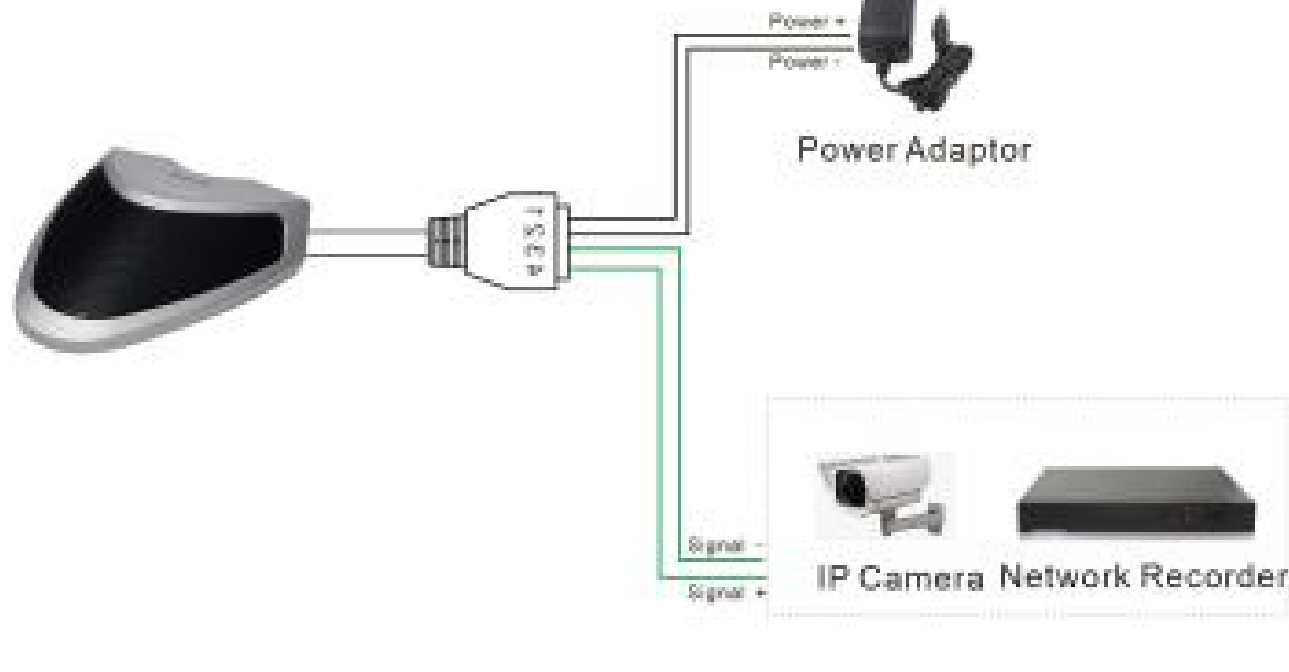
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## INTERFACE DESCRIPTION



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## CONNECTION DIAGRAM



## APPLICATIONS

### Application 1

SPON HD Desktop Surveillance Microphone TS-810A has audio output interface which can be connect with digital camera for Synchronous storage of audio and video.

