

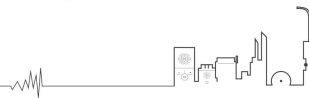
TS-806A

HD Embedded Surveillance Microphone



MAIN FUNCTIONS

1. Aluminum alloy riot-proof structure, treated with wire drawing oxidation surface process, corrosion-resistant with a strong metallic texture.
2. Utilizes professional recording and interview microphone capsules, precise design, and circuit processing technology, resulting in clear and natural audio quality.
3. AEC (Acoustic Echo Cancellation) and adaptive noise reduction technology effectively reduce background and environmental noise, ensuring high voice clarity and fidelity.
4. Manual adjustment of microphone distance and volume according to the on-site environment for flexible adaptation to various conditions, achieving optimal monitoring results.
5. Built-in Automatic Gain Control (AGC) circuit automatically suppresses high-intensity sounds, eliminating variations in sound levels from different distances, resulting in clear and bright playback sound.
6. Automatically adjusts high-intensity sounds and sudden impact noises to reliably protect the safety of backend audio monitoring equipment.
7. Standardized design based on the national 86 box size and structure standards, suitable for various on-site installation and usage requirements, making installation and maintenance more convenient.
8. Reverse polarity protection for power supply ensures worry-free on-site installation and wiring.
9. Operating temperature range from -35°C to 70°C , suitable for operation in various harsh environments.
10. Integrated professional audio processing chip, compatible with active speakers, computers, DVRs, network cameras, and other devices.
11. Superb line audio transmission technology, with a signal transmission distance of up to 3000 meters (use shielded cables in electromagnetic complex environments).



SPECIFICATION

Power Parameters

Power Supply:DC12V ,2A

Audio Parameters

Sound Pickup Range:5-100 Square Meters(Adjustable)

Directivity:Omnidirectional

S/N (Signal-to-Noise) Ratio: 85dB@1Khz

Sensitivity:-40dB

Dynamic Range:100dB(@1KHz)

Signal Output Level: 2Vrms(@1KHz)/ 5.6Vpp(@1KHz)

Output Impedance:600~1000Ω Unbalanced

Frequency Response:20Hz~20KHz

Mechanical&Environment Properties

Mounting Method:Embedded Mount

Installation Environment:Dry Indoor Locations Only

Operating Temperature:-35℃~+70℃

Operating Humidity:≤90% RH non-condensing

Housing Material:Aluminium Alloy

Color:Silver

Product Dimensions:86*86*17.3mm

Product Weight:0.35Kg

Product Warranty: 2 Years

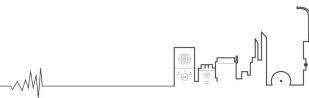
Accessories

1× Waterproof Tail Wire

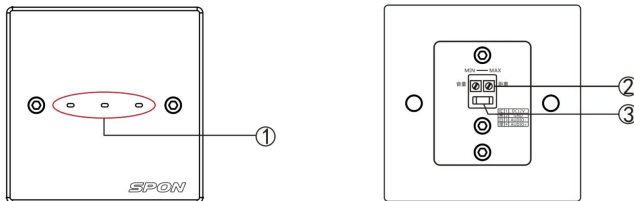
1× Wire terminal(3.81-4P)

1× Certificate of Compliance and Warranty Card

1× Quick Installation Guide



INTERFACE DESCRIPTION



① Microphone Head

② Volume Adjustment / Pickup Distance Adjustment Knobs:

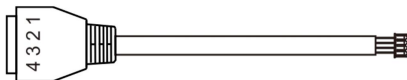
The knob on the left is for volume adjustment, turning it clockwise increases the volume, while turning it counterclockwise decreases the volume.

The knob on the right is for adjusting the pickup distance, turning it counterclockwise is for close-range pickup, and turning it clockwise is for long-range pickup.

Power and Analog Audio Output Interface (Note: Please insert the waterproof tail wire provided in the accessory into this interface), defined as follows:

Please note that this translation is based on the provided text, and the meaning of the content may vary depending on the specific context and product it refers to.

③

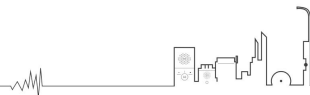


1: Power Positive Pole (Red): Used for input power supply with a specification of DC12V/1A.

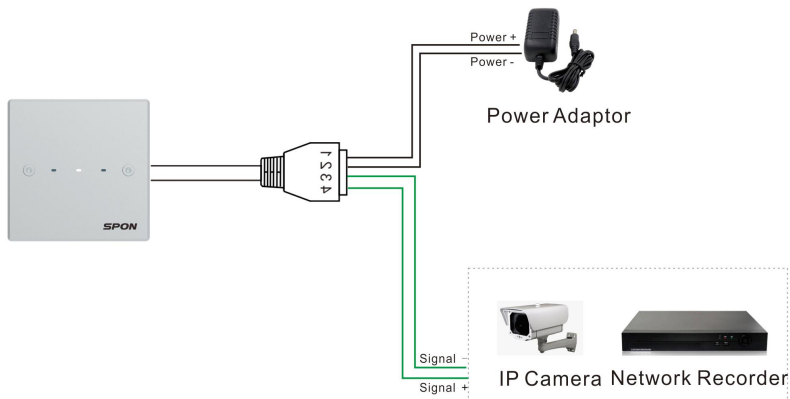
2: Common Ground Terminal (Black): The common ground for both power and signal.

3: Signal Negative Pole (White): Outputs analog audio signal (negative), which can be connected to the analog audio recording input of an IP network camera (or DVR).

4: Signal Positive Pole (Green): Outputs analog audio signal (positive)



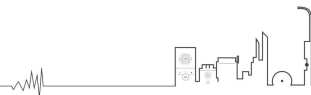
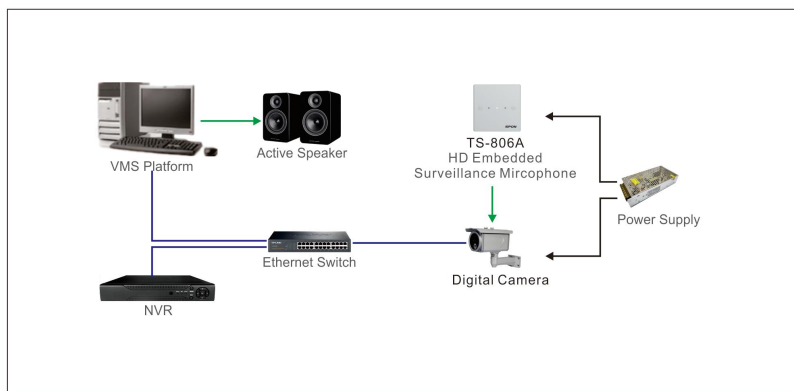
CONNECTION DIAGARM



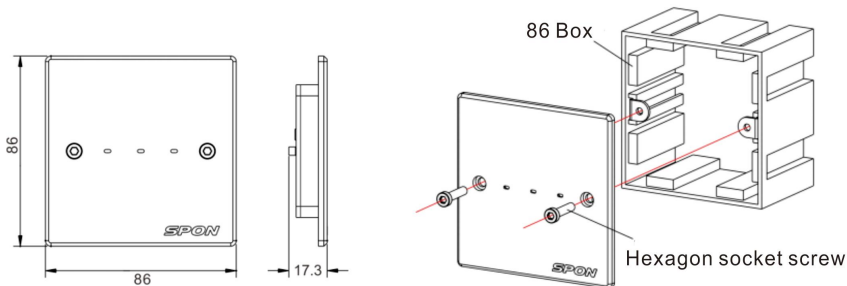
APPLICATION

Application 1

SPON HD Embedded Surveillance Mircophone TS-806A has audio output interface which can be connect with digital camera for Synchronous storage of audio and video.



INSTALLATION



Installation instructions:

- 1.Embed the 86 box into the wall, ensuring that its outer edge is flush with the wall surface. (Note: The 86 box is an optional accessory.)
- 2.Attach the panel to the front of the base box.
- 3.Secure the panel using internal hexagon screws (M4*20 flat head).

