



TS-806A

HD Surveillance Microphone

Automated Gain Control
Dynamic Noise Reduction
Web Page Configurations
Adaptable Audio Monitoring
Versatile Integrations with IPC, NVR

Metal Alloy

Volume Adjustment

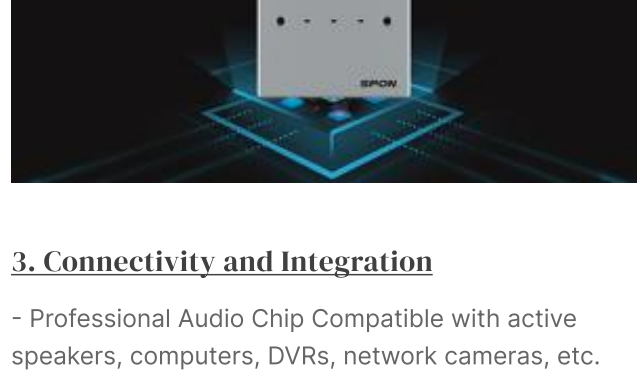
HD Sound Collection

Distance Adjustment

MAIN FEATURES

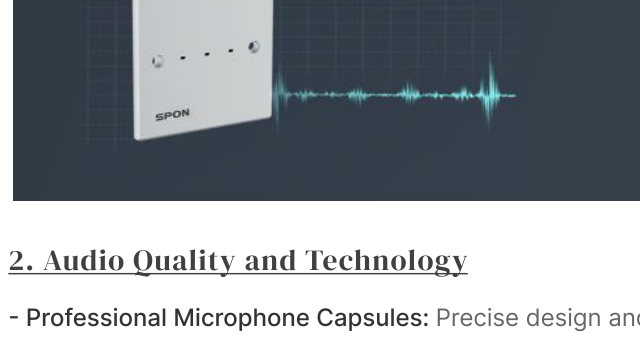
1. Durability and Design

- **Riot-Proof Structure:** Aluminum alloy with wire drawing oxidation surface, corrosion-resistant and metallic texture.
- **Standardized Design:** Conforms to national 86 box size and structure standards, easing installation and maintenance.
- **Reverse Polarity Protection:** Ensures safe installation and wiring of the power supply.
- **Wide Operating Temperature:** Ranges from -35°C to 70°C, suitable for harsh environments.



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.



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.



01

SPECIFICATION

POWER PARAMETERS

Power Supply: DC12V

AUDIO PARAMETERS

Pickup Range: 10 Meters(Adjustable)

Directivity: Omnidirectional

Signal Output Amplitude: $\leq 1V_{rms}$

Signal Transmission Distance: $\leq 3km$

Frequency Response: 20Hz~20KHz

MECHANICAL&ENVIRONMENT PROPERTIES

Mounting Method: Embedded Mount

Installation Environment: Dry Indoor Locations Only

Operating Temperature: -20°C~+60°C

Operating Humidity: $\leq 90\%$ RH Non-Condensing

Shell Material: Anti-Riot Aluminum Alloy

Color: Silver

Product Dimensions: 86*86*17.3mm

Product Warranty: 2 Years

ACCESSORIES

1× Waterproof Tail Wire

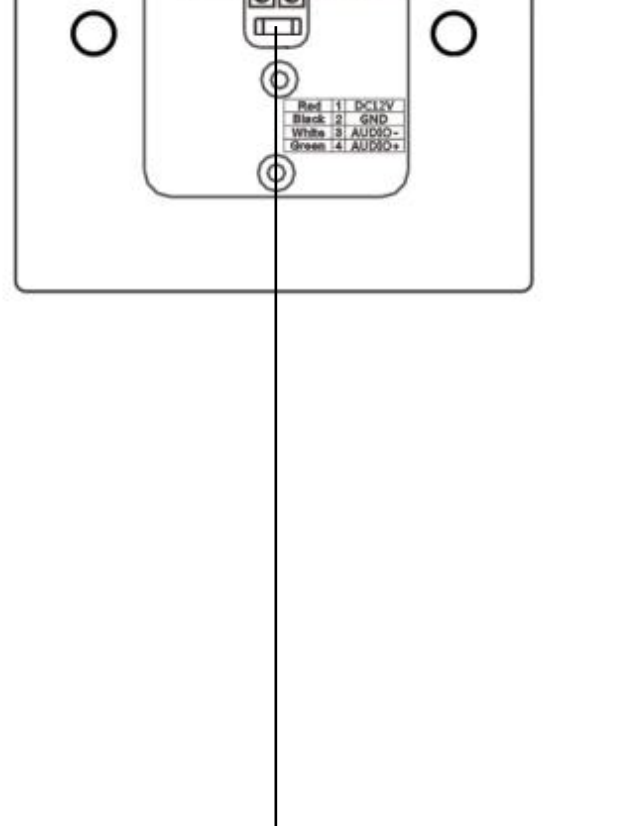
1× Wire Terminal(3.81-4P)

1× Certificate Of Compliance And Warranty Card

1× Quick Installation Guide

02

INTERFACE DESCRIPTION



② Volume Adjustment / Pickup Distance Adjustment Knobs :

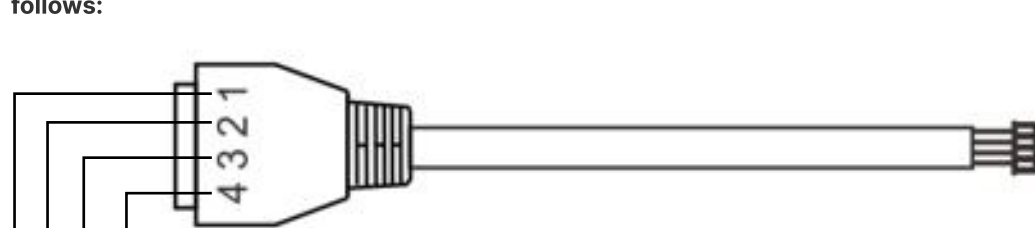
1.The knob on the left is for volume adjustment, turning it clockwise increases the volume, while turning it counterclockwise decreases the volume.

2.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.

3.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 Power Input and Audio Output Interface ,defined as follows:



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

③ Signal Negative Pole (White) :

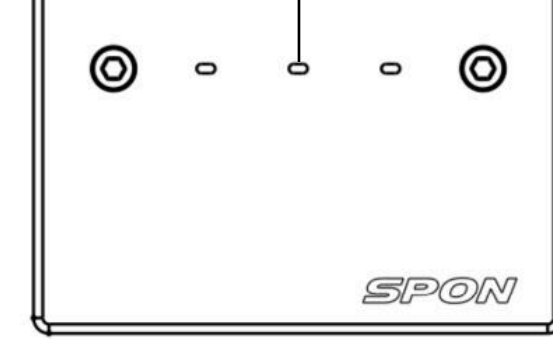
Outputs analog audio signal (negative), which can be connected to the analog audio recording input of an IP network camera (or DVR).

② Common Ground Terminal (Black) :

The common ground for both power and signal.

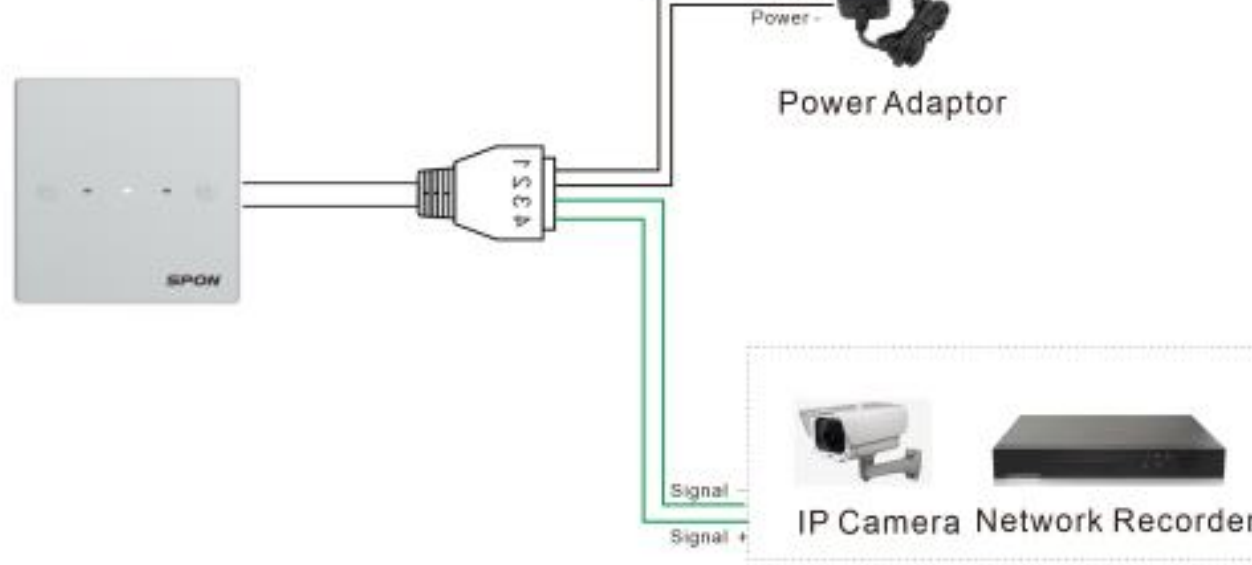
① Power Positive Pole (Red) :

Used for input power supply with a specification of DC12V/1A.



03

CONNECTION DIAGRAM



Power +
Power -
Signal +
Signal -

Power Adaptor

IP Camera Network Recorder

TS-806A HD Embedded Surveillance Microphone

Active Speaker

VMS Platform

NVR

Ethernet Switch

Digital Camera

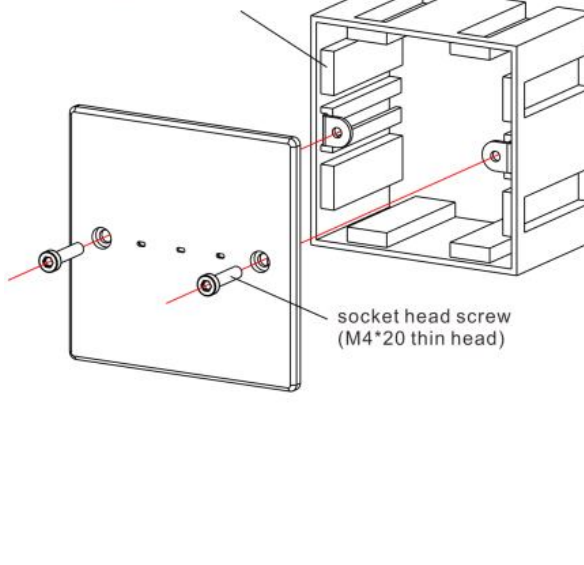
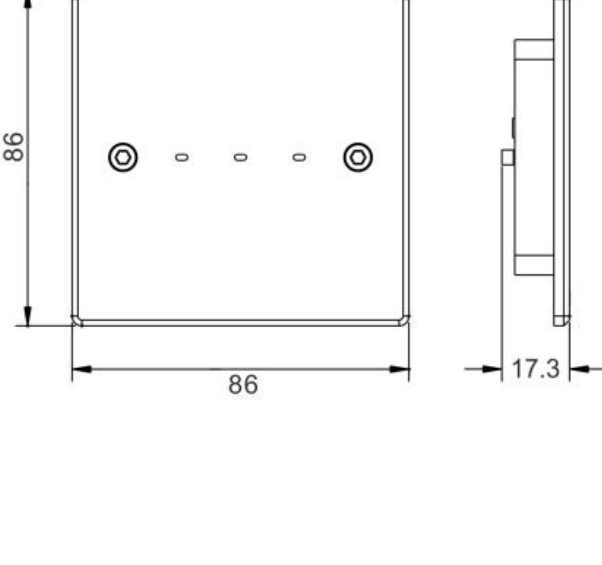
Power Supply

05

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).



Concealed installation box 86

socket head screw (M4*20 thin head)

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