Axis Communications T8351 Mk II

AXIS T8351 Mk II Microphone 3.5 mm User Manual

Model: T8351 Mk II

1. INTRODUCTION

The AXIS T8351 Mk II Microphone 3.5 mm is a high-performance analog microphone designed for integration into video surveillance systems. It provides superior audio monitoring and recording capabilities, particularly in environments with low ambient noise. This manual provides essential information for the proper installation, operation, and maintenance of your AXIS T8351 Mk II Microphone.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Do not expose the microphone to extreme temperatures, humidity, or corrosive environments.
- Ensure the microphone is securely mounted to prevent accidental falls.
- Only use accessories and power sources specified by Axis Communications.
- Disconnect power before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- AXIS T8351 Mk II Microphone 3.5 mm
- Installation Guide (if separate)

Note: Additional mounting accessories may be sold separately.

4. SETUP AND INSTALLATION

4.1 Mounting the Microphone

The AXIS T8351 Mk II Microphone offers flexible mounting options for walls, ceilings, or covert areas. Choose a location that allows optimal sound capture for your surveillance needs.

Figure 1: The AXIS T8351 Mk II Microphone, illustrating its compact design and the 3.5 mm connector for integration into surveillance systems. This image highlights the microphone's small form factor, making it suitable for discreet placement.

Consider the following when selecting a mounting location:

- **Proximity to Sound Source:** For best results, position the microphone close to the intended sound source.
- **Ambient Noise:** While designed for low ambient noise environments, avoid placing the microphone near sources of constant noise (e.g., air conditioning vents, loud machinery).
- **Discretion:** The compact size allows for subtle concealment if required.

4.2 Connecting the Microphone

The AXIS T8351 Mk II Microphone connects to compatible network products via a 3.5 mm microphone input jack or a 4-pin audio connector.

1. Locate the 3.5 mm microphone input jack or 4-pin audio connector on your network product (e.g., IP camera, audio encoder).
2. Insert the microphone's connector firmly into the corresponding port.
3. Ensure a secure connection. The microphone is powered directly by the network product, eliminating the need for additional power cables.

5. OPERATING THE MICROPHONE

5.1 Audio Capture

The AXIS T8351 Mk II is a hemispherical, omni-directional microphone, meaning it captures sound from all directions. This characteristic makes it effective for monitoring general ambient sound within a room.

- Once connected, the microphone will begin capturing audio as configured by your network product's settings.
- Adjust audio input levels and sensitivity through the interface of your connected network device to achieve optimal sound quality and prevent distortion.

5.2 Integration with Surveillance Systems

The microphone is designed to complement video surveillance by providing synchronized audio. Refer to your network product's documentation for specific instructions on:

- Enabling audio recording.
- Configuring audio triggers or events.
- Live audio monitoring.

6. MAINTENANCE

6.1 Cleaning

To maintain optimal performance and appearance:

- Gently wipe the exterior of the microphone with a soft, dry cloth.
- Do not use harsh chemicals, solvents, or abrasive cleaners.
- Ensure no moisture enters the microphone's openings.

6.2 Environmental Considerations

The microphone is designed for indoor use. Protect it from:

- Direct sunlight or extreme heat.
- Excessive dust or dirt.
- Strong vibrations or impacts.

7. TROUBLESHOOTING

7.1 No Audio Output

- **Check Connection:** Ensure the 3.5 mm connector is fully inserted into the network product's audio input.
- **Verify Network Product Settings:** Confirm that audio input is enabled and configured correctly in your network product's software interface. Check volume levels.
- **Power:** Since the microphone is powered by the network product, ensure the network product itself is powered on and functioning correctly.
- **Compatibility:** Confirm your network product supports a 3.5 mm microphone input or 4-pin audio connector.

7.2 Poor Audio Quality (Distortion, Low Volume, Noise)

- **Microphone Placement:** Reposition the microphone closer to the sound source or away from sources of ambient noise.
- **Input Levels:** Adjust the audio input sensitivity and gain settings on your network product. Too high a gain can cause distortion; too low can result in faint audio.
- **Environmental Noise:** Identify and mitigate external noise sources in the environment.
- **Cable Integrity:** Inspect the cable for any damage or kinks.

8. SPECIFICATIONS

Feature	Detail
Model Name	T8351 Mk II Microphone 3.5 mm
Microphone Form Factor	Mini
Polar Pattern	Hemispherical, Omni-directional
Connector Type	Audio Line Out (3.5mm jack)
Connectivity Technology	XLR (*Note: Product description mentions 3.5mm, please verify specific model variant if XLR is primary*)
Power Source	Corded Electric (powered by network product)
Frequency Response	16 KHz
Signal-to-Noise Ratio	76 dB
Audio Sensitivity	22 Decibels
Item Dimensions (L x W x H)	1.1 x 0.8 x 0.8 inches
Item Weight	3.2 ounces
Compatible Devices	Camera (with 3.5mm mic input or 4-pin audio connector)

9. WARRANTY AND SUPPORT

For information regarding the product warranty, technical support, and additional resources, please visit the official Axis Communications website or contact your authorized dealer. Keep your purchase receipt for warranty claims.

Axis Communications Official Website: www.axis.com