

HYS TC-617-1N

HYS TC-617-1N 3.5mm Listen Only Earpiece Instruction Manual

Model: TC-617-1N | Brand: HYS

1. PRODUCT OVERVIEW

The HYS TC-617-1N is a 1-wire surveillance receiver/listen-only earpiece designed for use with 3.5mm audio jacks found on radios and remote speaker microphones. It features a low-profile, flexible, and transparent acoustic tube for discreet communication. The earpiece is lightweight and includes a silicone ear tip and a clothing clip for secure and comfortable wear. It is a listen-only device, compatible with various radio brands including Kenwood, Motorola, Icom, Vertex, Ritron, and Maxon.



Figure 1: HYS TC-617-1N 3.5mm Listen Only Earpiece

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x HYS TC-617-1N 3.5mm Listen Only Earpiece with coiled cable and clothing clip
- 1 x Clear Acoustic Coil Tube
- 1 x Mushroom Tip Silicone Earbud (pre-installed)
- Additional Silicone Ear Tips (single and double wing)

3. SETUP INSTRUCTIONS

3.1 Connecting the Earpiece

1. Locate the 3.5mm right-angle plug on the earpiece cable.
2. Insert the 3.5mm plug firmly into the audio jack of your compatible radio or remote speaker microphone. Ensure a secure connection.

3.5mm Audio Jack



3.2 Assembling the Acoustic Tube and Ear Tip

1. If not already assembled, gently push the clear acoustic coil tube onto the earpiece adapter until it is securely seated.
2. Select your preferred silicone ear tip (mushroom, single wing, or double wing). Gently push the chosen ear tip onto the end of the acoustic tube.



Figure 3: Acoustic Coil Tube and Earbud Assembly

3.3 Securing the Earpiece

1. Use the integrated clothing clip to secure the earpiece cable to your collar or clothing. This helps manage cable slack and reduces strain on the earpiece.
2. The acoustic tube can be routed behind your ear for a discreet fit.



Figure 4: Clothing Clip and Quick Disconnect

3.4 Video Guides for Setup

Video 1: HYS Headset with Clear Acoustic Coil Tube Earbud Audio Kit - This video demonstrates the assembly of the acoustic tube and ear tip, and the connection of the 3.5mm jack.

Video 2: HYS 1-Wire Surveillance Receiver/Listen ONLY Earpiece - This video provides an overview of the earpiece components and how to connect the 3.5mm jack.

4. OPERATING INSTRUCTIONS

Once the earpiece is connected to your radio or remote speaker microphone and properly secured, it will function as a listen-only device. Audio from your connected device will be transmitted directly to your ear through the acoustic tube.

- **Volume Control:** Adjust the volume directly on your connected radio or remote speaker microphone. The earpiece itself does not have volume controls.
- **Discreet Use:** The transparent acoustic tube and lightweight design allow for discreet communication, ideal for security, law enforcement, and other professional environments.
- **Comfort:** Ensure the ear tip is comfortably seated in your ear. If discomfort occurs, try a different size or style of ear tip.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your earpiece.

5.1 Cleaning the Acoustic Tube and Ear Tips

- **Disassembly:** Gently detach the ear tip from the acoustic tube and the acoustic tube from the earpiece adapter.
- **Cleaning:** Wash the silicone ear tips and the acoustic tube with mild soap and warm water. Rinse thoroughly and allow them to air dry completely before reassembly.
- **Inspection:** Periodically inspect the acoustic tube for any kinks, cracks, or discoloration. Replace if necessary to maintain clear audio transmission.

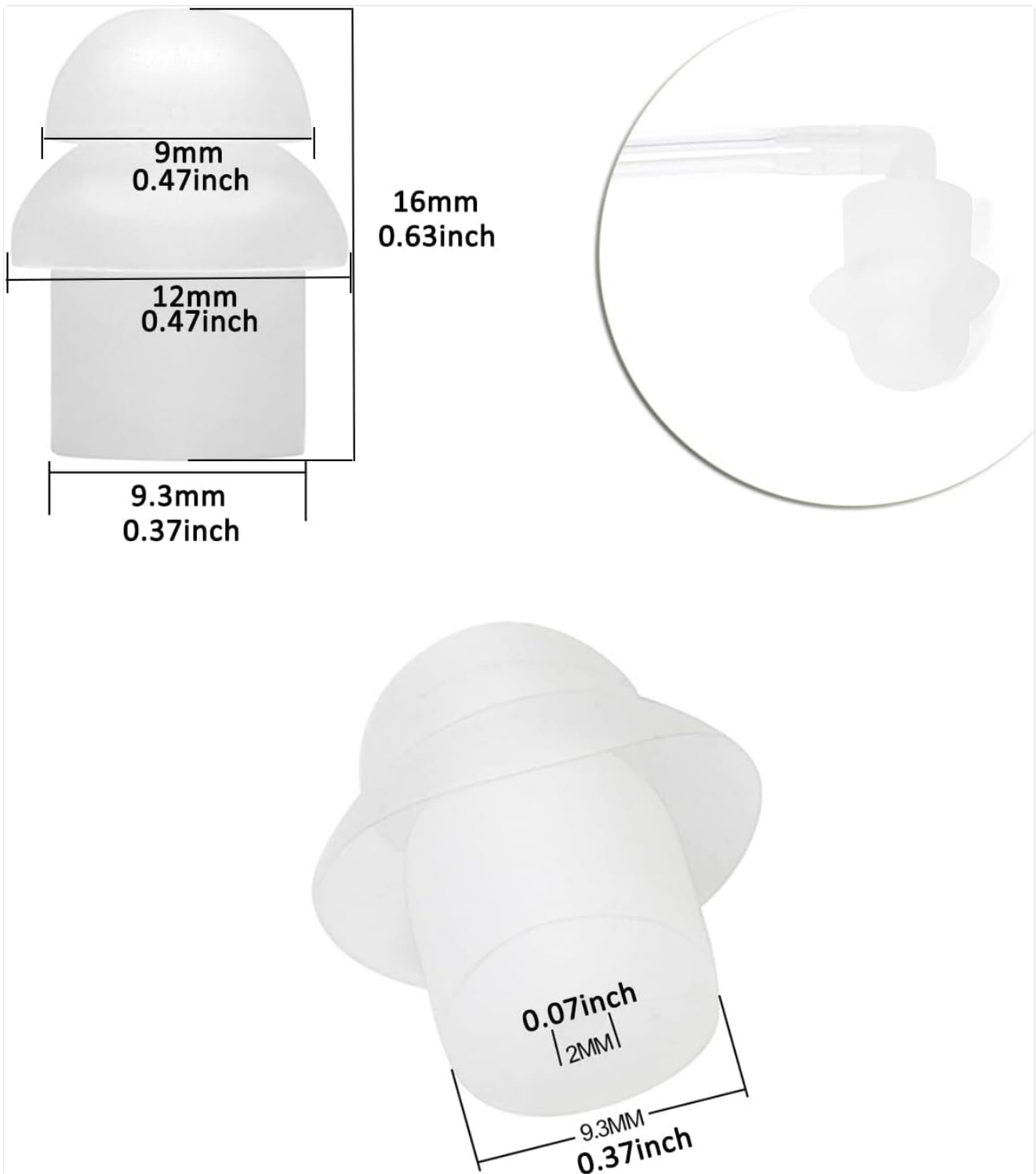


Figure 5: Ear Tip Dimensions for Reference

5.2 Cable Care

- Avoid sharp bends or excessive pulling on the cable.
- Use the clothing clip to prevent the cable from snagging or dangling.

6. TROUBLESHOOTING

If you encounter issues with your HYS TC-617-1N earpiece, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from earpiece	Loose 3.5mm connection Radio/mic volume too low Damaged cable/acoustic tube Incorrect audio output setting on radio	Ensure 3.5mm plug is fully inserted. Increase volume on radio/mic. Inspect cable and acoustic tube for damage; replace if necessary. Check radio settings for external audio output.
Distorted or unclear audio	Dirty acoustic tube/ear tip Damaged acoustic tube Poor connection	Clean acoustic tube and ear tip. Inspect acoustic tube for damage; replace if necessary. Ensure all connections are secure.
Earpiece falls out of ear	Incorrect ear tip size Improper fit	Try a different size or style of silicone ear tip. Adjust the acoustic tube for a more secure fit behind the ear.

7. SPECIFICATIONS

Feature	Detail
Brand	HYS
Model Number	617-1N
Connectivity Technology	Wired
Headphone Jack	3.5 mm Jack (Listen Only)
Ear Placement	In Ear
Form Factor	In Ear
Earpiece Shape	Mushroom
Impedance	32 Ohms
Frequency Response	20 Hz - 20,000 Hz
Sensitivity	84 dB
Enclosure Material	Kelver, Polyurethane (PU)
Additional Features	Lightweight, Noise Cancellation (passive)
Compatible Devices	Radios, Remote Mics, and Speaker Mics from Kenwood, Motorola, Icom, Vertex, Ritron, and Maxon

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This item can be returned in its original condition for a refund or replacement within 30 days of receipt.

8.2 Customer Support

For further assistance, technical support, or warranty claims, please contact HYS Communication customer service through the retailer's platform or visit the official HYS website.

Online Support: [Visit the HYS Store on Amazon](#)