

## PRYME SPM-2330

# PRYME SPM-2330 Quick Disconnect 2-Wire Earpiece Instruction Manual

Model: SPM-2330

## PRODUCT OVERVIEW

The PRYME SPM-2330 is a 2-wire surveillance-style earpiece designed for use with compatible ICOM 2-pin radios. This kit features a quick disconnect mechanism for the acoustic tube earphone, a lapel microphone with a Push-To-Talk (PTT) button, and a stealth clothing clip for discreet placement. It is engineered for clear communication in various professional environments.








**Figure 1:** PRYME SPM-2330 Quick Disconnect 2-Wire Earpiece showing the acoustic tube, microphone, and radio connector.

## COMPATIBILITY

The SPM-2330 earpiece is compatible with specific ICOM 2-pin radios. Please refer to the list below and the connector table to ensure compatibility with your radio model.

### Compatible ICOM Radio Models:

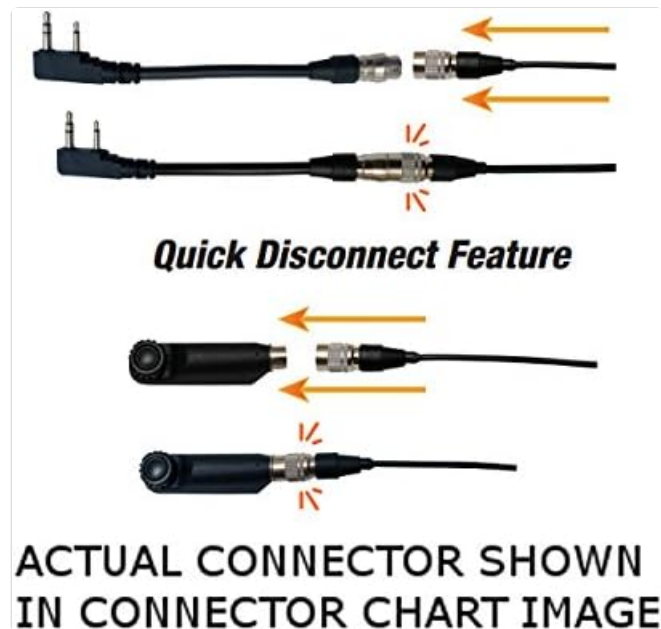
- IC-3GT, IC-F11, IC-F11S, IC-F21, IC-F21BR, IC-F21GM, IC-F21S, IC-F3011, IC-F3021, IC-F31, IC-F3G, IC-F3GS, IC-F4011, IC-F4021, IC-F43GS, IC-F43GT, IC-F43TR, IC-F4G, IC-F4GS, IC-F4GT, IC-U82, IC-V8, IC-V82, IC-51A.

CONNECTOR TABLE				
MANUFACTURER	RADIO MODELS	ADAPTER	STYLE	CONNECTOR
ICOM	IC-02AT, IC-03AT, IC-04AT, IC-2GAT, IC-2GXAT, IC-4008A, IC-4088A, IC-80AD, IC-91A, IC-91AD, IC-F3, IC-F3S, IC-F4, IC-F4S, IC-F4TR, IC-H16, IC-H2, IC-H6, IC-J12, IC-M5, IC-Q7A, IC-T22A, IC-T22E, IC-T42A, IC-T42E, IC-T7H, IC-T90, IC-TH7H, IC-U12, IC-U16, IC-W32A		TWO-PIN	X00 (I1/S1) 
	IC-3GT, IC-F11, IC-F11S, IC-F21, IC-F21BR, IC-F21GM, IC-F21S, IC-F3011, IC-F3021, IC-F31, IC-F3G, IC-F3GS, IC-F4011, IC-F4021, IC-F43GS, IC-F43GT, IC-F43TR, IC-F4G, IC-F4GS, IC-F4GT, IC-U82, IC-V8, IC-V82, IC-51A		TWO-PIN	X30 (I2) 
	F33G, F-51, IC-3GT, IC-F14, IC-F21BR, IC-F21GM, IC-F24, IC-F3021, IC-F3021T/S, IC-F31, IC-F3GS, IC-F4021, IC-F4021T/S, IC-F43GS, IC-F43GT, IC-F43TR, IC-F4G, IC-F4GS, IC-F4GT, IC-V85, IC-F1000, IC-F2000, BC-100, IC-F3001, IC-F3002, IC-F3031, IC-F4001, IC-F4002, IC-F4031, IC-4101D, IC-4230		TWO-PIN	X30s (I3/S6) 
	F-61, IC-F3061T/S, IC-F30G, IC-F30GS, IC-F30GT, IC-F3161, IC-F31GS, IC-F31GT, IC-F4061T/S, IC-F40G, IC-F40GS, IC-F40GT, IC-F4161, ICF-4161, IC-F50, IC-F50V, IC-F60, IC-F60V, IC-F70, IC-F80, IC-M88		MULTI-PIN	X10 (I5) 
	IC-F9011 IC-F9021 IC-F4261 IC-F3261 IC-4263DT		MULTI-PIN	X20 (I6) 

**Figure 2:** Connector Table illustrating various ICOM radio connectors and compatible models. The SPM-2330 uses a 2-pin connector type.

SETUP INSTRUCTIONS

- Connect to Radio:** Insert the 2-pin connector of the earpiece into the accessory port of your compatible ICOM radio. Ensure a secure fit.
- Attach Acoustic Tube:** The SPM-2330 features a TWIST CONNECT locking mechanism. Align the acoustic tube assembly with the earpiece connector and twist clockwise until it locks securely.
- Position Microphone:** The lapel microphone is on a separate 36-inch cable. Use the stealth clothing clip to secure the microphone to your lapel, collar, or discreetly route it down a shirt sleeve for optimal voice transmission.
- Earpiece Placement:** Place the acoustic tube earphone comfortably in your ear. Adjust for clear audio reception.



**Figure 3:** Illustration of the quick disconnect feature, showing how to attach and detach the acoustic tube from the earpiece cable.

## OPERATING INSTRUCTIONS

- **Transmitting:** To transmit, press and hold the Push-To-Talk (PTT) button located on the lapel microphone. Speak clearly into the microphone. Release the PTT button to stop transmitting.
- **Receiving:** Audio will be heard through the acoustic tube earphone when your radio receives a transmission. Adjust your radio's volume for comfortable listening.
- **Noise Reduction:** The microphone is designed with noise reduction capabilities to enhance clarity in various environments.

## MAINTENANCE

- **Cleaning:** Regularly wipe the earpiece, microphone, and cables with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Acoustic Tube Care:** The clear acoustic tube can be detached for cleaning or replacement. For hygiene, especially when multiple users share the unit, consider replacing the acoustic tube assembly periodically.
- **Storage:** Store the earpiece in a clean, dry place away from extreme temperatures and direct sunlight. Avoid tightly coiling the cables to prevent damage.
- **Cable Inspection:** Periodically inspect cables for any signs of wear, cuts, or damage.

## TROUBLESHOOTING

- **No Audio from Earpiece:**
  - Ensure the 2-pin connector is fully inserted into the radio.
  - Verify the acoustic tube is securely attached and locked via the TWIST CONNECT mechanism.
  - Check the radio's volume level.
  - Test the earpiece with another compatible radio if available.
- **Others Cannot Hear Me (No Transmission):**

- Confirm the 2-pin connector is fully inserted into the radio.
  - Ensure the PTT button is being pressed and held during transmission.
  - Verify the microphone is positioned correctly and not obstructed.
  - Test the earpiece with another compatible radio if available.
- **Intermittent Connection:**
    - Check all connections (radio, acoustic tube) for looseness.
    - Inspect cables for visible damage.

## SPECIFICATIONS

Feature	Detail
Model Number	SPM-2330-QD
Earpiece Style	2-Wire Surveillance Style with Acoustic Tube
Connector Type	ICOM 2-Pin (No Screws)
Microphone	Lapel-style with Noise Reduction
PTT	Covert PTT clip on microphone cable
Acoustic Tube	Clear, with TWIST CONNECT locking mechanism
Cable Length (Mic)	36 inches (approx.)
Manufacturer	Pryme
First Available	September 1, 2017

## WARRANTY AND SUPPORT

Specific warranty information for the PRYME SPM-2330 earpiece is typically provided at the point of purchase or through the official PRYME website. For detailed warranty terms, please refer to your product packaging or contact PRYME customer support directly.

For technical assistance, troubleshooting beyond this manual, or to inquire about replacement parts, please visit the official PRYME website or contact their customer service department. Contact information can usually be found on the manufacturer's website or product documentation.

© 2023 PRYME. All rights reserved. Information subject to change without notice.

## Related Documents - SPM-2330



### [PRYME PRYMEMAX BTH-300-MAX Wireless Microphone Kit User Manual](#)

User manual for the PRYME PRYMEMAX BTH-300-MAX Wireless Microphone Kit, detailing setup, charging, pairing, and usage with two-way radios and smartphones via PTT apps like Zello and WAVE Communicator.



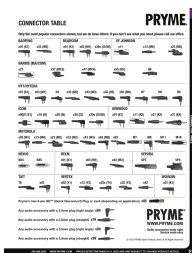
### [PRYME Audio Accessories Catalog: Wireless and Wired Communication Solutions](#)

Discover PRYME's extensive range of audio accessories for two-way radios and PoC applications. This catalog features wireless and wired speaker microphones, headsets, PTT buttons, and adapters designed for enhanced communication across various platforms.



### [PRYME Two-Way Radio Accessories Catalog - Resource Guide Vol. 28](#)

Explore the PRYME Resource Guide and Catalog Vol. 28, featuring a comprehensive range of professional two-way radio accessories, including Bluetooth headsets, speaker microphones, surveillance kits, and more from American Communication Systems.



### [PRYME Connector Table for Radio Accessories](#)

Comprehensive connector compatibility guide from PRYME, listing connectors for various radio manufacturers like Motorola, Kenwood, ICOM, and more, to ensure seamless audio accessory integration. Find the correct PRYME connector part number for your specific radio model.



### [PRYMEBLU BTH-550-RADIO Wireless Speaker Microphone User Manual and Specifications](#)

Comprehensive guide to the PRYMEBLU BTH-550-RADIO Wireless Speaker Microphone, covering setup, pairing with Icom radios, charging, controls, specifications, and warranty information.



### [PRYME Resource Guide and Catalog: Two-Way Radio & Mobile Accessories](#)

Explore PRYME's comprehensive catalog of professional-grade audio accessories for two-way radios, cellphones, and tablets. Find speaker microphones, headsets, surveillance kits, and more.