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3M FL5601-02

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INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your 3M PELTOR Push-To-Talk (PTT) Adapter, model FL5601-02. This adapter is designed to facilitate communication with military radios using a 6-PIN MIL-C-55116 connector, integrating seamlessly with compatible headsets for clear and efficient two-way radio communication.



Figure 1: The 3M PELTOR Push-To-Talk (PTT) Adapter, featuring its robust black casing, large push button, and the 6-PIN MIL-C-55116 connector for military radios. A coiled cable connects the PTT unit to the radio connector.

SETUP

Follow these steps to correctly set up your 3M PELTOR PTT Adapter:

1. **Connect Headset:** Locate the headset connector port on the PTT adapter. Carefully align and insert your compatible headset's connector into this port. Ensure a secure connection.
2. **Connect to Radio:** Identify the 6-PIN MIL-C-55116 connector on the PTT adapter cable. Align this connector with the corresponding port on your military radio. Push firmly and twist if necessary to secure the connection.
3. **Secure PTT Unit:** Utilize the integrated clip on the back of the PTT unit to attach it to your uniform, vest, or other convenient location for easy access during operation.

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Video 1: This video demonstrates the connection process of a Push-To-Talk adapter to a military radio, showing how to properly align and secure the 6-pin connector.

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Video 2: This video illustrates the connection of a headset to a Push-To-Talk unit, detailing the insertion of the headset's connector into the

OPERATING INSTRUCTIONS

To transmit audio through your connected radio, press and hold the large push-to-talk button located on the front of the adapter. Speak clearly into your headset microphone. Release the button to stop transmitting and return to receive mode.

- **Transmit:** Press and hold the PTT button.
- **Receive:** Release the PTT button.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your PTT adapter:

- **Cleaning:** Wipe the adapter's exterior with a damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Inspection:** Periodically check cables and connectors for any signs of wear, damage, or corrosion. Ensure all connections are secure.
- **Storage:** Store the adapter in a dry, cool place away from direct sunlight and extreme temperatures when not in use.

TROUBLESHOOTING

If you encounter issues with your PTT adapter, consider the following:

- **No Transmission/Reception:**
 - Verify that both the headset and radio connectors are fully and securely seated in their respective ports.
 - Ensure the radio is powered on and functioning correctly.
 - Check the headset for any damage or loose connections.
- **Intermittent Communication:**
 - Inspect the cables for any kinks, cuts, or damage.
 - Ensure the PTT button is being pressed firmly and consistently during transmission.

If problems persist, consult your radio's instruction manual or contact 3M PELTOR customer support.

SPECIFICATIONS

Feature	Detail
Model Number	FL5601-02
Connector Type	6-PIN MIL-C-55116
Product Dimensions	7 x 6 x 1.5 inches
Item Weight	0.01 ounces
Manufacturer	3M

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official 3M PELTOR website or contact their customer service department directly. Keep your purchase receipt for warranty claims.

