

AVCOMM AC2XM

AVCOMM AC-2EX Intercom 4 Place Expansion Module User Manual

Model: AC2XM

INTRODUCTION

The AVCOMM AC-2EX is a 4-place expansion module designed to extend the capacity of an existing aircraft intercom system. This module allows for the connection of up to four additional headsets, enabling clear and reliable communication for more passengers or crew members. It integrates seamlessly with compatible AVCOMM intercom units, providing a robust solution for enhanced in-flight communication.

SETUP

Follow these steps to properly set up your AC-2EX expansion module:

1. **Identify Main Intercom Unit:** Ensure you have a compatible AVCOMM main intercom unit to which the AC-2EX will connect.
2. **Power Off Main Unit:** Before making any connections, turn off the power to your main intercom system and any associated aircraft avionics.
3. **Connect Expansion Cable:** Locate the expansion port on your main intercom unit. Connect one end of the appropriate intercom expansion cable (typically a 7-pin or 9-pin connector, depending on your main unit) to this port.
4. **Connect to AC-2EX:** Connect the other end of the expansion cable to the designated input port on the AC-2EX module. Ensure the connection is firm and secure.
5. **Mounting (Optional):** If desired, mount the AC-2EX module in a convenient location within the aircraft, ensuring it does not obstruct controls or instruments.
6. **Power On:** Once all connections are secure, restore power to your main intercom system and aircraft avionics.

OPERATING

The AC-2EX module operates in conjunction with your main intercom unit. Its primary function is to provide additional headset jacks.

- **Connecting Headsets:** Plug standard aviation headsets into the four available headset jacks on the AC-2EX module. Ensure the microphone and headphone plugs are inserted into their correct respective ports.
- **Communication:** Once connected, users plugged into the AC-2EX will be able to communicate with other users on the intercom system and hear radio transmissions, as controlled by the main intercom unit.
- **Controls:** The AC-2EX is a passive expansion module. Volume, squelch, and other audio controls are typically managed through the main intercom unit or individual headsets, not directly on the AC-2EX. Refer to your main intercom unit's manual for specific operational details.

MAINTENANCE

Proper care ensures the longevity and reliable performance of your AC-2EX module.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the module. Avoid using liquid cleaners or solvents, which can damage the finish or internal components.
- **Connection Integrity:** Periodically inspect all cable connections for signs of wear, corrosion, or looseness. Ensure all plugs are securely seated.
- **Storage:** When not in use for extended periods, store the module in a dry, temperature-controlled environment, away from direct sunlight and extreme temperatures.
- **Avoid Physical Damage:** Protect the module from impacts, excessive vibration, and moisture.

TROUBLESHOOTING

If you encounter issues with your AC-2EX module, consider the following troubleshooting steps:

- **No Audio from Headsets:**
 - Verify that the main intercom unit is powered on and functioning correctly.
 - Check all connections between the AC-2EX and the main intercom, and between headsets and the AC-2EX. Ensure they are fully inserted and secure.
 - Test headsets directly with the main intercom unit (if possible) to rule out headset issues.
 - Ensure headset volume controls are not set to minimum.
- **Intermittent Audio:**
 - Inspect cables and connectors for any signs of damage or loose connections.
 - Gently wiggle connections to see if audio cuts in and out, indicating a faulty cable or port.
- **Distorted Audio:**
 - Check the squelch and volume settings on your main intercom unit.
 - Ensure headsets are compatible and functioning correctly.
 - Verify that the main intercom unit is not overloaded or experiencing interference.

If these steps do not resolve the issue, contact AVCOMM customer support for further assistance.

SPECIFICATIONS

Brand	AVCOMM
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Manufacturer	Avcomm
Model Number	AC2XM
ASIN	B00E52BLMK
Type	4 Place Intercom Expansion Module

WARRANTY INFORMATION

The AVCOMM AC-2EX Intercom 4 Place Expansion Module is covered by a manufacturer's limited warranty. Please refer to the warranty card included with your original purchase or visit the official AVCOMM website for detailed terms and conditions, including warranty duration and claim procedures. Keep your proof of purchase for warranty service.

SUPPORT

For technical assistance, product inquiries, or warranty claims, please contact AVCOMM customer support:

- **Website:** Visit the official AVCOMM website for FAQs, support resources, and contact forms.
- **Email/Phone:** Refer to the contact section on the AVCOMM website for the most current email addresses and phone numbers for customer service.

When contacting support, please have your product model (AC2XM) and purchase information readily available.