



# FARO Aviation Intercom Reference Guide

# Warranty Information

Your FARO® Aviation Intercom is covered by a One-Year Replacement Warranty.

In an unlikely event that you experience any issues with your FARO® Aviation Intercom, please contact FARO® priority customer service to promptly receive troubleshooting tips or replacement.

USA Priority Customer Service:

**1-855-359-3276**

International Customer Service:

**1-703-286-2700**

Visit us online at:

**[www.FaroAviation.com](http://www.FaroAviation.com)**

\* Refer to your warranty information sheet for additional information.

# Advisories

Please read the information in this booklet carefully and completely before using the intercom. Keep these instructions and make them easily accessible to all other users at all times. Always include this booklet when giving this headset to third parties.

As with any complex electronic device, it is possible for this intercom to fail during operation. Result of failure may include loud tones, audio distortion, and loss of communication in the intercom.

In an unlikely event of a problem with your intercom, it is recommend to switch to an alternate communication method and to use standard cockpit resource management skills to minimize distraction.

Your aircraft sounds such as engines, propellers, warning alarms, and other sound sources may sound differently when using a new intercom.

When using the FARO® Aviation Intercom, please limit the volume to safe levels to ensure you are able to hear communication and warning alarms from your aircraft.

Do not attempt to disassemble or service inside of this unit. This will void your warranty and may result in unexpected performance of your intercom.

# Introduction

Congratulations on your purchase of FARO® Aviation Intercom.

Your FARO® Aviation Intercom uses state-of-the-art technology to provide you with a crisp and clear communication experience.

We thank you for choosing FARO®. Rest assured that we will continue to work hard to bring you high quality, durable, and best performing products.

Your headset is backed by an amazing warranty. Please feel free to reach out to FARO® support team for any questions and we would always appreciate your feedback.

## **What is FARO® Aviation Intercom?**

The FARO® Aviation Intercom is a portable intercom that allows continual hands-free in-flight conversation between the pilot and co-pilot or a passenger. Featuring a modular design, the device offers two headset capability per intercom, voice activation, volume control, on/off switch, multiple radio station transmit capability, and fail-safe radio communications. The intercom's superior circuitry permits full squelch control, which acts to suppress channel noise when not receiving transmission. By setting the squelch properly, the intercom will only be active when speaking into the headset microphone.

# Your Intercom Features

**Two Station Capability** - The FARO® Aviation Intercom is fully portable and handy for pilot-to-copilot or pilot-to-passenger radio communication. The pilot can hear all radio communications either through the headset or through the aircraft radio by connecting the headset to your existing aircraft intercom. Two sets of input modules are available for dual headset utilization.

**Superior SQL Circuitry** - Aircraft noise can be canceled using the squelch knob. To increase the sensitivity of the squelch, rotate the knob clockwise; to decrease the sensitivity, rotate it counter-clockwise. By properly adjusting the squelch, the intercom will only be active when someone speaks into it, all irrelevant background noise will not trigger the intercom activation.

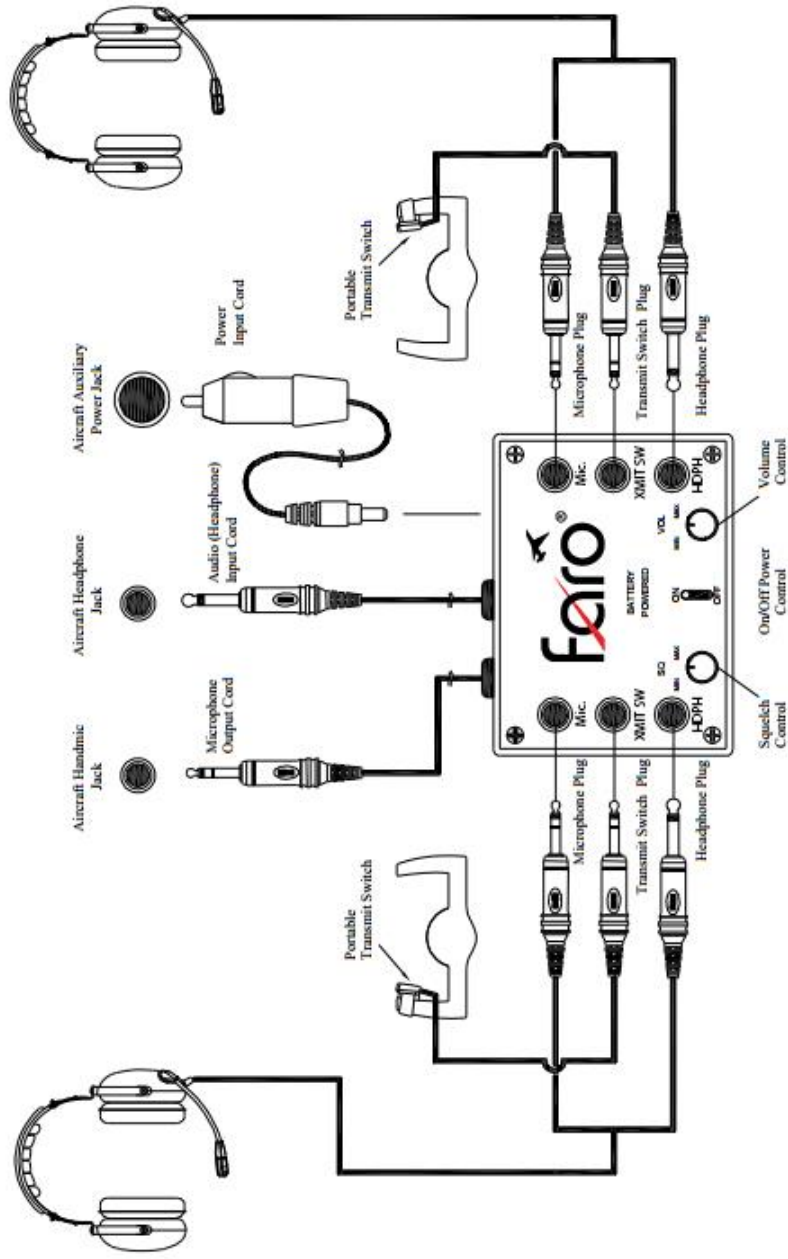
**Volume Control** - Users can adjust the volume to accommodate aircraft noise level. Turning the volume knob clockwise will increase volume and turning the volume knob counter-clockwise will decrease volume.

**Alternative Inputs** - The unit has an auxiliary power jack and comes with a cigarette power cord.

# Using Your Intercom

1. Ensure unit is in off mode. Unfasten the screw on the back of the unit, press and hold onto the center to slide out the battery door. Insert six AAA batteries (not included) and close the unit.
2. Connect device according to the connection schematic on the following page.
3. After proper connection, put on headset(s) and position the mic to one side of the mouth and about  $\frac{1}{4}$ " from the lips to achieve maximum sound clarity. If applicable, set audio panel to "Headphone" position.
4. For your hearing protection, please set the volume control to the lowest setting prior to turning the unit on. Then adjust volume according to your preference.
5. Adjust the squelch knob clockwise until background noise becomes audible. Slowly turn the knob counter-clockwise until the background noise disappears. The squelch is a "fast on, slow off" circuit. Slow and small adjustments may be needed if the aircraft's background noise is not constant.

# Connection Schematic



# Using Your Intercom

## Transmit Mode:

Push the transmit switch and your voice will automatically be transmitted to the aircraft radio. Your voice or audio feedback can be heard in all headsets connected to the intercom during transmit mode. The intercom automatically provides simulated transmit audio feedback.

## Mic Input Level

In an event of over modulation or reports of weak transmission, an appropriate adjustment can be made to change the mic input level on the radio. Inside the unit, there is a small square trimmer potentiometer to adjust the mic level. To increase the mic output level, simply use a screwdriver to turn the adjustment clockwise.

## Battery Replacement

1. Turn off the unit
2. Unfasten the screw on the back of the unit
3. Press and hold onto the center to slide out the battery door
4. Remove the old battery and dispose of it properly
5. Insert new batteries into the unit
6. Slide the battery door back on
7. Refasten the screw back on and continue normal operation



# Common Questions

## **What is the expected battery life?**

Depending on usage, unit will provide up to 180 hours of use on AAA batteries.

## **Where can I purchase parts for my FARO® Aviation Intercom?**

Please visit Faro® Aviation website at [www.FaroAviation.com](http://www.FaroAviation.com)

## **What if I have other questions?**

FARO® Priority Customer Service is here to help. Please use one of the following channels to contact a support representative:

Online:

[www.FaroAviation.com/support/](http://www.FaroAviation.com/support/)

USA Priority Customer Service:

1-855-359-3276

International Customer Service:

1-703-286-2700

# Technical Information

Intercom	Dynamic
Size	4 x 2.9 x 2.2 in
Cord Length:	3.7 ft (44.5in)
Weight:	363 grams (0.8 lbs)
Power:	6 Alkaline 1.5V AAA Batteries (not included) Auxiliary Power Cord (11-34 VDC)
Audio	(1) Input cord (2) Audio Ports
Microphone	(1) Output cord (2) Mic Ports
Battery Lifetime	150-180 Hours of use
Headphone Interface	PJ-055
Microphone Interface	PJ-068

