SC-200

Operational Guide

"Portable 2-Station VOX Minicom – World's Smallest Portable Intercom"

Skycom 200 Intercom Features:

- Portable and Compact
- Pilot / Co-Pilot Volume Control
- Adjustable Squelch Circuit
- Portable Push-To-Talk Switch (Sold Separately)
- Fail-Safe Mode
- Easy Battery Access
- Powered By 9V Alkaline Battery
- 25 – 30 Hours Battery Life

Table of Contents

Features	1.0
Off/On Power	2.0
Pilot / Co-Pilot Volume Control	2.1
Squelch Adjustment	2.2
Fail-Safe Feature	2.3
PTT / Y-Adapter Set-Up	2.4
Battery Power	2.5
Warranty Service	2.6
Technical Specifications	2.7

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2.0 Off/On Power

The intercom is turned on by turning the volume control clockwise. The control has a definite click when it is turned on or off. In order to remember to turn the intercom off, many Pilots add a 'Power Off Intercom' instruction to their aircraft checklist.

2.1 Pilot / Co-Pilot Volume Control

Volume is increased by turning the volume control clockwise. Decrease the volume by turning the control counter-clockwise. This control regulates the volume heard by the Pilot and Co-Pilot.

2.2 Squelch (SQ) Setting

The sensitivity of the squelch is controlled by turning the control clockwise (increasing sensitivity) or by turning the control counter-clockwise (decreasing sensitivity). The squelch can be adjusted to meet even the most extreme noise levels of aircraft noise. Setting the squelch properly allows the intercom to be active only when someone speaks into their headset microphone. The intercom will become inactive as soon as they stop speaking. In this manner all extraneous noise in the cockpit is not heard over the microphone.

2.3 Fail-Safe Feature

All 200 series intercoms are equipped with a Fail-Safe feature. This means if your battery fails, you will still be able to hear ATC transmissions - but the level of volume will be reduced. You will also be able to transmit to ATC as normal.

2.4 PTT / Y-Adapter Set-Up

Up to 2 portable PTT switches can be used with this unit. The Pilot and Co-Pilot can connect a portable PTT switch by connecting the portable PTT to the microphone jack in the Y-adapter. The Y-adapter plugs directly into the aircraft microphone jack. The PTT is used to transmit over the radio to the ATC. The PTT can also be connected in the conventional way in series with your headset and intercom jacks.

2.5 Battery Power

We recommend using one 9V alkaline battery to operate your intercom. The intercom can operate on one battery for approximately 25-30 hours of maintenance free use. We recommend that you keep a log of when your battery was installed so that you have a good idea when it should be replaced.

2.6 Warranty Service

If your unit requires service we recommend you send it directly to Pilot Communications USA so the repair or replacement can be expedited. Please remember you are sending an electronic component and package the unit appropriately.

2.7 Technical Specifications

Power: 1 Alkaline 9V Battery
Current Drain: Leakage 0 mA Standby - 10 mA in Use
Dynamic Response: 500mS (VOX controlled) Off - 12 mS (VOX controlled) On
Volume Control: 35 dB
Battery Lifetime: 25-30 Hours of Use
Headphone Interface: PJ-055B (M642/4-1) MIL-P-642
Microphone Interface: PJ-068 (M642/5-1) MIL-P-642