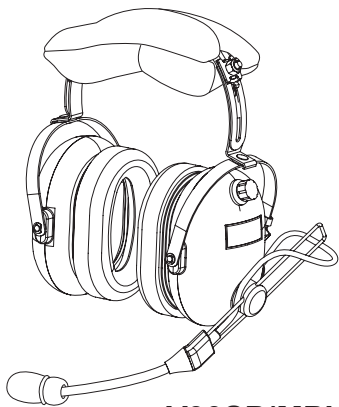


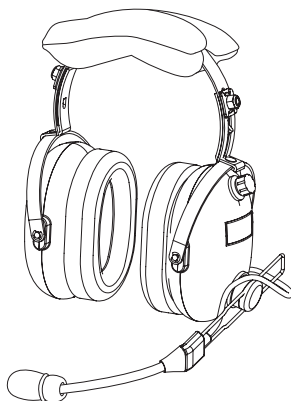
FLIGHTCOM VENTURE™

GENERAL AVIATION HEADSETS

Operation Manual



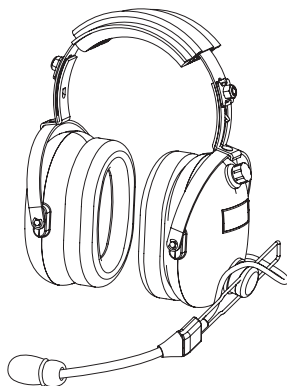
V90SP/MPH



V70SP



V50SP/MPH



V30SP

HEADSET FEATURES

- Passive Noise Reduction by 24dB
- Stereo/Mono switchable
- Noise-canceling electret microphone
- Adjustable Headband
- Flexible mic boom with slide adjustment for accurate mic positioning

SPECIFICATIONS

TECHNICAL SPEC

- Weight 17.1oz Avg. (w/o Comm Cable)
- Noise Reduction Rating 24dB

MICROPHONE

- DC Bias Supply 8 to 16 volts, not polarity sensitive
- Source Resistance 220 to 2200 ohms

MIL SPEC

- Humidity & Temperature per MIL-STD 810F and 810G
- Chemical Exposure per MIL-STD 810F and 810G

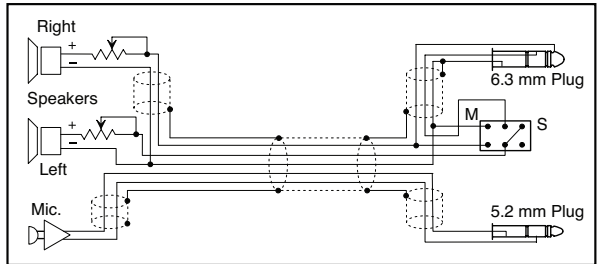
SAE

- Salt Spray per J1455, Sec. 4.3

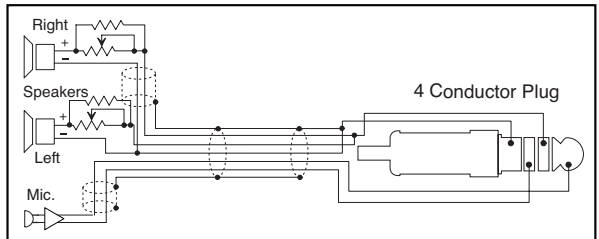
WIRING DIAGRAM

Caution:

Bias voltage supplied to the microphone must come from voltage and resistance ranges specified above. Voltages supplied in excess of those stated in the specifications can cause microphone failure and void warranty. The mic audio signal is present between the ring and barrel of the mic plug; tip is reserved for transmit keyline.



(Single volume on V30SP)



Helicopter

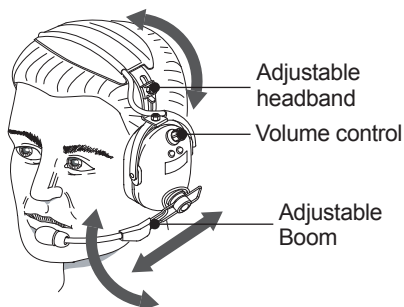
INSTALLATION

Insert the larger plug into the jack marked “headphone” or “phone”.

- Insert the smaller plug into the jack marked “microphone” or “mic”.
- Set the stereo/mono switch on the cable splitter box to the “M” position.
If connecting to a stereo intercom, set the switch to the “S” position.
- Adjust headband slider and mic boom for proper fit and comfort.
- Place the microphone no more than 1/8” from lips, at the corner of the mouth.
This is critical to the performance of the noise canceling electret microphone.
- Two independent volume controls are provided, one on each ear dome, to adjust the level of audio. (Single volume on V30SP)

If the aircraft does not have a built-in push-to-talk (PTT) switch, a portable PTT switch must be installed in order to use the radio. The master gain control located in the aircraft radio should be optimized by an avionics technician whenever adding a new model microphone to the system.

HEADSET ADJUSTMENTS



Mic Placement

Place mic no more than 1/8” from lips. Placement of mic is critical for proper operation.

⚠ WARNING ⚠

If the microphone is positioned incorrectly, you may experience a reduction or interruption in the audio and or deterioration in clarity of intercom and radio.

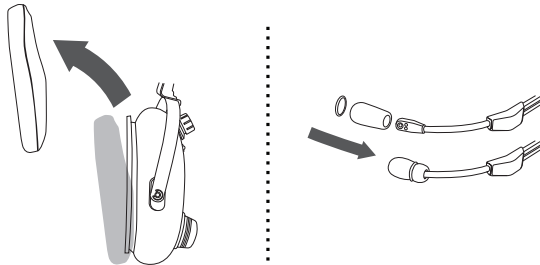
Model	Domes	Ear Seals	Head Band Pad	Head Band Color	Boom	Headset Bag
V90SP V90MPH ¹	Carbon Fiber	ComLeather Thick	Wide w/polar fleece	Chrome	Precision Flex	Heavy Fabric
V70SP	Carbon Fiber	ComLeather	Low-profile w/polar fleece	Black	Precision Flex	Fabric
V50SP V50MPH ¹	Glossy Black	PVC Open Cell Foam	Air pillow	Black	Precision Flex	Vinyl
V30SP	Black	PVC Open Cell Foam	Ventilated Low-profile	Black	Precision Flex	None

¹ Helicopter headset: uses U174 plug

MAINTENANCE

Care and Maintenance

- Inspect ear seals and mic muff frequently for wear. Replace at 6 month intervals. If you see any defect such as holes or cracks in the ear domes, ear seals, or headband, headset should be immediately repaired or replaced.
- Do not remove the foam speaker cover.
- To ensure proper function, keep the microphone away from excessive moisture. Do not store headset in high temperature environments or direct sunlight.
- Wipe headset and ear seals with a mild soap and water mixture only. The foam mic muff may be removed and cleaned in a mild detergent, or replaced by ordering from Flightcom.



**To Order Flightcom Accessories:
Call: 1-800-432-4342**



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