

# MODEL F20

Light Weight Aviation Stereo Headset

## Three-Year Headset Limited Warranty to Original Purchaser

Flightcom Corporation warrants to the original purchaser of this product that it will be free from defects in materials and workmanship, under normal and proper use, for the period of three years from date of purchase. Flightcom Corporation will repair or replace, at its sole option, any parts showing factory defects during this warranty period, subject to the following provisions. This warranty applies only to a new product which has been sold through authorized channels of distribution. All work under warranty must be performed by Flightcom Corporation. All returned products must be shipped to our address, freight prepaid, accompanied by a dated proof of purchase. **SAVE YOUR SALES SLIP!** The purchaser voids this warranty if he, she or others attempt to repair, service or alter the product in any way. This warranty does not apply in the event of accident, abuse, improper installation, unauthorized repair, tampering, modification, fire, flood, collision or other damage from external sources, including damage which is caused by user replaceable parts (leaking batteries, etc.). This warranty does not extend to any other equipment or aircraft to which this product may be attached or connected. The foregoing is your sole remedy for failure in service or defect. Flightcom Corporation shall not be liable under this or any implied warranty for incidental or consequential damages, nor for any installation or removal costs or other service fees. This warranty is in lieu of all other warranties, express or implied, including the warranty of merchantability or fitness for use, which are hereby excluded. To the extent that this exclusion is not legally enforceable, the duration of such implied warranties shall be limited to three years from date of purchase. No suit for breach of express or implied warranty may be brought after three years from date of purchase.

**Questions?...**Call TOLL-FREE 1-800-432-4342



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## INSTALLATION/OPERATION MANUAL



### This unit includes the following:

- F20 Light Weight Aviation Stereo Headset (part number: 111-0144-00)
- 1 Pair of Foam Earplugs (part number: 103-0004-00)
- Mic Muff and O-ring, small (replacement part number, available in 3-pack only: 103-0607-21)

For the fun of flying.

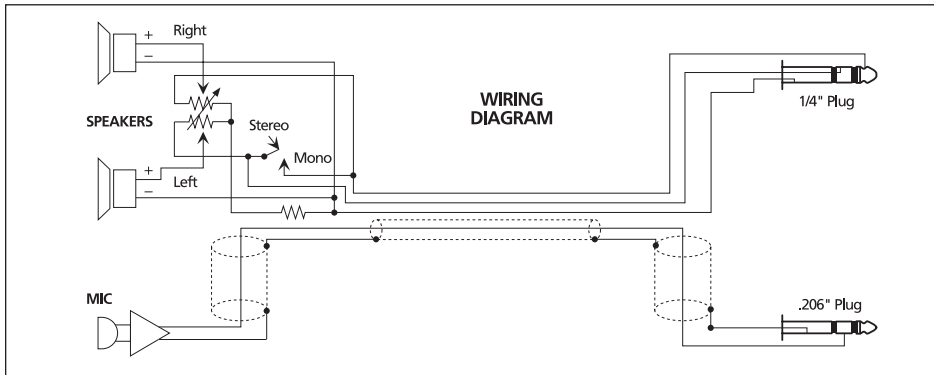


## Additional Accessories

You may purchase separately the following accessories:

- Push-To-Talk (PTT) Switch (part number: 103-0604-00)
- Replacement Foam Ear Pads (part number: 310-0741-00)
- Replacement Ear Plugs (part number: 103-0004-00)
- Mic Muff and O-ring, small (qty. 3) (part number: 103-0607-21)

## Installation/Operation Instructions



### To set-up the headset:

1. Insert the **larger headset plug** into the aircraft or intercom **headphone** or **phone** jack.
2. Insert the **smaller headset plug** into the aircraft or intercom **microphone** or **mic** jack.
3. If you are using a stereo intercom, set the headset **stereo/mono switch** (on the side of the headset opposite the microphone boom) to **S**; if you are using a mono intercom, set the headset **stereo/mono switch** to **M**.
4. Adjust the **headband sliders** and **microphone boom** for proper fit and comfort.
5. Place the microphone 0-1/8 inch from your lips at the side of your mouth with the flat side facing outward.
6. Rotate the headset **volume control** (on the side of the headset opposite the microphone boom) fully clockwise to the maximum position.



## Push-To-Talk Switch

If the aircraft does not have a built-in push-to-talk switch, you must install a portable PTT switch to use the radio.

## Master Gain Control

The master gain control, located in the aircraft radio, should be optimized by a competent avionics technician whenever adding a new model microphone to the system.

## Specifications

### Headset

Sensitivity	97 dB re .0002 microbar @ 1000 Hz, 1 mW
Frequency Response	50-17,000 Hz
Impedance	150 ohms
Weight	4.6 oz.
Shielding	Mic HI shielded by mic ground

### Microphone

DC Bias Supply	8 to 16 volts, not polarity sensitive
Source Resistance	220 to 2200 ohms
Output Voltage	370 mV @ 114 dB spi re .0002 microbar
Frequency Response	300-5000 Hz
Max. Ambient Noise Level	110 dB spl re .0002 microbar
Weight	0.2 oz.

**CAUTION:** Be certain the jacks installed in the aircraft are wired correctly to accommodate the headset plug configuration. Bias voltages supplied to the microphone must come from voltage and resistance ranges specified above. Voltages supplied from other sources can cause microphone failure. The microphone audio signal is present between the ring and barrel of the microphone plug; the tip is reserved for the transmit keyline.