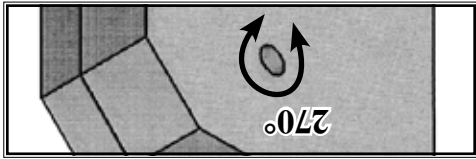


CAUTION: The mic sensitivity adjustment is only designed to turn 270°. Turning the adjustment past the internal stops will damage the microphone and affect functionality.



Turn mic pot clockwise to increase sensitivity, counter-clockwise to decrease sensitivity.

turning the potentiometer. However, the mic can be adjusted using the 1.7mm jeweler's screwdriver (Phillips head) through the opening on the back of the housing. Make sure the screwdriver fully engages the slots before The sensitivity of the microphone is pre-set to fit most applications.

voice activated (VOX) transmissions. Adjust microphone sensitivity for clear transmissions, best sidetone, to eliminate noise or microphone hiss, and/or for proper keying of

Adjusting Microphone Sensitivity

Place the switch in the one dot "•" position for use with mono comm systems (all commercial and most GA systems) or two dots "••" for stereo comm systems (in some GA aircraft).

Using the Mono/Stereo Switch (A100T-101 & III Only)

GENERAL DESCRIPTION

The UFM™ Headset Adapter converts BOSE® QuietComfort2™ (QC2) or QuietComfort15™ (QC15) headphones into a full Active Noise Reduction (ANR) headset. The Adapter simply plugs into the existing QC-2/15 3.5mm mini-stereo jack (without modification). The combination provides a very high quality, lightweight and complete 2-way mono or stereo headset compatible with various communication systems.

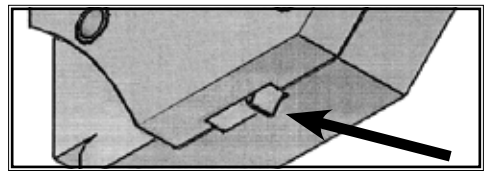
PACKAGE CONTENTS

- UFM™ A100T MICROPHONE
- CLOTHING CLIP
- REPLACEMENT WINDSCREEN
- 3.5MM MINI-STEREO CORD
- 1.7MM JEWELER'S SCREWDRIVER

LIMITED WARRANTY

UFlyMike guarantees its products to be free of factory defects for one year. Warranty does not include normal wear and tear or abuse. The decision to repair or provide a replacement will be at the discretion of the UFlyMike LLC.

UFlyMike™ & the UFM™ are trademarks of UFlyMike LLC.
 BOSE® & the QuietComfort2™ are registered trademarks of BOSE Corp.
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 UFlyMike™ & BOSE® are unaffiliated. 041113UFMUseGuide



Use the three position volume switch located on top of the microphone housing. Forward for louder audio and aft for quieter.

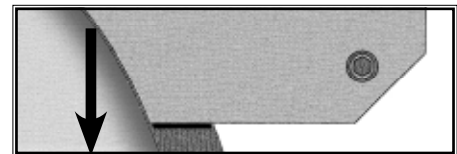
Using the Volume (Impedance) Switch

Plug any stereo audio device into jack at adapter base using a 3.5mm male-to-male cord. Audio inserted through the Aux Jack is in full stereo regardless of the type of comm system used.

Using the Auxiliary Audio Input Jack

For best performance, place the microphone approximately 1/4" (6mm) in front of the mouth. Make sure the side of the microphone labeled 'TALK' (found by removing the windsock) is pointed directly toward the mouth.


Positioning the Noise Canceling Microphone



Adapter should click firmly into place flush with earpiece.

Plugging the UFM into the Headphones

OPERATION



UFlyMike™
Microphones

UFM™

User's Manual

Model No:
A100T-101/102/103/104/105

Phone: (719) 531-7226
Email: support@uflymike.com

TIPS FOR USE

Battery Power Indicator

The QuietComfort headphones come with a battery level indicator. Just above the power switch is a small LED light. When about 5 hours of battery life remain, the LED light will begin to blink. During the last hour of life, the headphones will begin to cycle on and off. This cycling can be easily heard in the headphones.

Best Type of Battery to Use

We recommend using standard Alkaline batteries for use in aviation applications. Alkaline batteries will provide roughly 35 hours of operational life and will provide proper indication of a low battery.

Do not use rechargeable or lithium batteries as these can die suddenly and without the above mentioned warnings.

Precaution: *UFlyMike strongly recommends carrying one or more spare batteries with your headset at all times.*

Recommended Storage Method

Store the UFLYMike in the case with the Bose headphones. The UFM will fit in the area between the headband and ear cups by placing the interface plug over one ear cup and the tip of the microphone over the other. The curve of the boom will follow the curve of the headband. DO NOT bend the microphone boom backwards for storage, this will drastically reduce its lifespan.

Coil the cord up and place it on top of the microphone. Please, follow the natural flow of the cord, do not force it to coil or wrap it around your hand, this will damage the cord internally.

TSO HEADSET CONFIGURATION REQUIREMENTS

Who is required to use TSO certified headsets

TSO requirements apply only to pilots flying commercial operations and only under the specific circumstances outlined in the following paragraph.

FAA Airworthiness standards specified in 14 CFR part 25 do not mandate that transport category aircraft be specifically equipped with headsets for their flightcrew or that flightcrews use only TSO'd headsets unless TSO'd headset(s) are installed equipment required to meet 14 CFR § 25.1307(d) requirements: "two systems for two-way radio communications with controls for each accessible from each pilot station." TSO'd headsets are only FAA required if replacing these installed TSO'd headset(s) but not if supplementing that installed equipment.

Note: Some Transport Category carriers require pilots to use TSO certified headsets as a company policy. If you are unsure whether your air carrier requires you to use TSO certified headset, consult your carriers Flight Operations Manual (FOM) or speak with your Flight Operations department.

Configuration & Operation

All features and functions described in the basic user's manual apply to the TSO'd configuration except the audio OUT feature of the mini-stereo jack must be used to provide backup audio from the aircraft communications system to meet TSO-C139 backup audio if the QC-2/15 loses battery power.

TROUBLESHOOTING

Can Only Hear Audio in the Left Ear

If you are using the standard 2-Plug version of the microphone, model A100T-101, then the problem is likely being caused by the Mono/Stereo switch being in the wrong position. See 'Using the Mono/Stereo Switch' for details.

Can Not Hear Incoming Audio

If you cannot hear incoming audio, first check that the QuietComfort headphones have a fresh battery and are powered on (LED light on). Second, make sure that the microphone and plugs are all clean and fully seated into their respective jacks.

Weak Transmission Volume

If you are hearing reports from others that you have weak transmission volume, there are a couple of things to check. First, make sure the microphone is positioned properly, see 'Positioning the Noise Canceling Microphone'. If that does not resolve the issue, you may need to adjust the microphone gain, see 'Adjusting Microphone Sensitivity' for instructions.

Weak Sidetone

Sidetone is the ability to hear yourself speaking through the headset. Sidetone is not a function of the headset, but of the comm panel it is plugged into. There is no way to directly control sidetone, however, adjusting the microphone gain can have an effect on the sidetone as you are increasing the microphone volume leaving the headset.

If you are unable to resolve an issue, please call or email us for more information and help.

Audio OUT is provided by plugging the earbuds into the jack and placing the earbud(s) in the ear(s) or inside the QC-2/15 ear cup(s). The earbuds provide aircraft audio independently of the audio provided by the QC-2/15.

The following comprises a TSO configured headset:

- * **A100T-(101, 101R, 102, 103, or 104) Aviation Microphone**
- * **HB-200 (QC-2) or HB-15 (QC-15) Headphones**
- * **EB-001 Westone UM1 Earbuds**

NOTE: CFR 21.607(d)3 TSO labeling is provided by external labeling. The manufacturing date is also written inside the main housing.

Compliance with FAA CFR requirements stated in this guide are the responsibility of Part 121 and Part 135 carriers. Enforcement of these requirements and restrictions are the responsibility of air carriers and the FAA. The manufacturer guarantees that this product has met TSO standards and manufacturing requirements.

CONFIGURATION/REPAIR/REBUILD: Must be maintained without alteration & repaired/rebuilt by an FAA authorized facility to comply with CFR, Part 21, Subpart O. Any repairs or modifications done by a non-FAA approved repair facility voids the TSO certifications.