

Aerielle 'Bug' Transmitter

Manual

Introduction

Thank you for purchasing the *AudioBUG™* from ATO. *AudioBug™* is a user-friendly portable wireless audio system that lets you enjoy your music collection while on the go.

Audio BUG features Aerielle's™ patented wireless technology to send high-fidelity stereo audio signals from any audio device to any radio or stereo within range up to 15 feet. Simply plug the *AudioBUG™* into any audio output source, choose one of the four frequencies (88.1, 88.3, 88.5 or 88.7 MHz) that you wish to broadcast and tune your radio to that frequency. *AudioBUG™* gives you the freedom to enjoy your audio where you want, with out the wires.

Before You Begin

Read these instructions thoroughly before setting up your *AudioBUG™*. If you need any assistance, please contact customer service department at: 1-866-959-5999, or submit an email request to:

customerservice@gwaworld.com

Compatibility

One of the many unique features of *AudioBUG™* is that it was designed to work with any portable audio device. This means that no matter what brand or size of audio player you may have, *AudioBUG™* is compatible. Typical uses for *AudioBUG™* include:

- Portable MP3 digital audio players
- Portable CD players
- Portable Mini-disc players
- Portable DVD players
- Laptop or Desk Top Computers

AudioBUG™ is not only compatible with every audio player, but it will broadcast to any radio or stereo. Whether it is your surround sound stereo system in your family or living room or on your car stereo, AudioBUG™ just plugs and plays.

AudioBUG™ Features and Components

1. Power on
2. Frequency Selector
3. 3.5 mm stereo cable
4. Battery Compartment “CR2”

< Insert Photo of AudioBUG with markings and descriptive indications (i.e. arrows etc. >

Auto-Off Functionality

The AudioBUG™ has an auto-off feature. If after more than 80 seconds there is no detection of audio, the AudioBUG™ will turn off. This saves useful battery life. When turning off your audio source, your AudioBUG™ turns off automatically.

Setup Procedure

Setting up your AudioBUG™ is an easy procedure. Simply:

- 1) Remove the battery cover from the top of unit by gently sliding the battery door marked toward you.
- 2) Install 1 CR2 battery with the negative end facing the eyes of the AudioBUG™.
- 3) Plug the 3.5mm stereo cable into the audio out connector or the headphone jack of the audio source you wish to transmit. *
- 4) Select the frequency that you wish to transmit to with the selector on the side of the AudioBUG™ (88.1, 88.3, 88.5, 88.7 MHz)
- 5) Press the POWER button eye (left EYE) on the front of the unit.

- 6) Tune your FM stereo to the corresponding FM frequency as selected in step # 5
- 7) Adjust the volume on your audio player and stereo or headphone radio for maximum enjoyment.

*Some audio sources output level is either to high or to low at the line-out jack. If it is to high, the sound might be distorted. If it is to low, the sound might be to noisy. If this happens, connect the AudioBUG™ to the headphone jack and adjust the volume level on your audio device.

Frequently Asked Questions about AudioBUG™

Q: What is an AudioBUG™?

A: AudioBUG™ is the newest product offering from ATO, a consumer electronics manufacturer. The AudioBUG™ was developed by Aerielle Group International Inc. an audio consumer electronics company. It is a portable audio transmitter that connects to any audio source and broadcasts that audio to any radio stereo within 5-15 ft.

Q: How can I achieve maximum performance and sound quality form AudioBUG™?

- 1) Maintain fresh batteries
- 2) Keep AudioBUG™ within 5-10feet of the radio that it is transmitting to.
- 3) Keep the cord that connects the AudioBUG™ to the audio player straight, positioning the player as far from the AudioBUG™ as possible.
- 4) Before using the AudioBUG™, listen to 88.1, 88.3, 88.5, 88.7 FM on your radio and use the frequency with the least amount of interference.

Warranty Information:

ATO provides a 90 day warranty for this product and will promptly repair or replace any product shown to be defective during this warranty period. In order to return a defective product, you must contact ATO at: 1-866-959-5999, or submit an email request to: customerservice@gaworld.com

to receive a Return Merchandise Authorization (RMA) number. This number **MUST** be display on your mailing label. You will also be given instructions on how to package and return the defective unit.

THIS WARRANTY DOES NOT APPLY TO AUDIOBUG THAT HAS BEEN DAMAGED AS A RESULT OF IMPROPER MAINTENANCE, ACCIDENTS, IMPROPER VOLTAGE SUPPLY, OR OTHER MISUE. THE WARRANTY IS ALSO VOID IF THE OWNER REPAIRS OR MODIFIES THE PRODUCT IN ANY WAY. ATO IS NOT LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WITH REGARD TO THIS PRODUCT. THE WARRANTY EXCLUDES ANY LIABILITY OTHER THAN WHAT IS STATED ABOVE. NO OTHER WARRANTIES ARE GIVEN.

Legal rights vary from state to state. Some states do no allow the exclusion of limitation of incidental or consequential damages, so the above limitations may not apply to you.

Important note: Use only CR2 batters as power for AudioBUG™. Use of any other power supply will void this warranty.

Specifications:

Modulation:	FM Stereo Modulation
Frequencies:	88.1, 88.3, 88.5, 88.7 MHz
Audio Input Connector	3.5mm Stereo Plug
Power Requirement	1 "CR2" Lithium Battery
Battery Life	40+ hrs typical

FCC Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by ATO may void the users authority to operate this equipment.

Email: customerservice@gwaworld.com

Webiste: www.antonio.com

Phone: 1-866-959-5999

Made in CHINA

Copyright 2002 ATO All Rights Reserved.

Aerielle™ and AudioBUG™ are trademarks of Aerielle Group International Inc.

Covered under U. S. Patent No. 5,771,441 and other patent pending applications

Technical Specifications:

RF Channels	88.1, 88.3, 88.5, 88.7, switch selectable
RF Output Power	FCC: 250 uV/meter @ 3 meters CE: 1000 uV/Meter @ 3 meters
Signal Format	Standard FM Stereo Format, 38 KHz subcarrier

Audio

Audio Range	15 Hz – 15 KHz
Signal-to-Noise Ratio*	>60dB
Total Harmonic Distortion	0.3%, Max.
Channel Separation	40 dB Typical
Channel Balance	+/- 2 dB
Audio Input Level	425 mVp-p, nominal 1.25 Vp-p, 1 dB compression
Auto-off Threshold	325 mVp-p, nominal
Audio Impedance	3K ohms
Primary Power	CR2 type 3 volt Lithium battery
Operating Current	23 ma, typical

* A weighted