

# AIRHEAD 1000

## USER MANUAL



### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna, increase the separation between the equipment and receiver, connect the equipment into an outlet on a circuit different from that to which the receiver is connected, consult the dealer or an experienced radio/TV technician for help.

(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! The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

### Limited Warranty

TekNmotion warrants that this product, if properly used and installed, will be free from defects in original materials, including original parts, workmanship and manufacturing for a period of 1 Year (12) months from the date of original purchase in the U.S. and Canada. If this TekNmotion product fails during the warranty for reasons covered by this Limited Warranty, TekNmotion at its discretion, will: • Repair the unit. • Provide a replacement. • Refund the then-current value of the product as determined by TekNmotion. This Limited Warranty is for purchasers in the US and CANADA only. This Limited Warranty does not cover damages due to external causes, including accident, electrical power problems, usage not in accordance with the product instructions, misuse, neglect, alteration, repair, or improper installation. To make a claim, write TekNmotion at the address below or send an email to support@teknmotion.com. Please include the following information:

1. Your name, address and phone number.  
 2. Purchase date and location.  
 3. Product serial number, model # and/or part #.  
 4. A brief description explaining the problem.

TekNmotion  
 Attn: Customer Service Dept  
 26801 Vista Terrace  
 Lake Forest, CA 92630

Upon review, TekNmotion will determine warranty status. If repair or a replacement unit is necessary, TekNmotion will issue a Return Merchandise Authorization Number, (RMA#), and forward this to you along with a Warranty Claim Form. Please complete form in its entirety including your RMA# at the top of form. Return the form, the unit and a copy of the original sales receipt, shipping prepaid by you to the address above. The repaired or replaced product is warranted under this written warranty and is subject to the same limitations and exclusions for the remainder of the original warranty period.

TEKNMOTION DOES NOT ASSUME ANY LIABILITY FOR ANY INCIDENTAL, CONSEQUENTIAL, DIRECT OR INDIRECT DAMAGES UNDER THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS LIMITED WARRANTY EXTENDS TO YOU AND CANNOT BE TRANSFERRED OR ASSIGNED. THIS LIMITED WARRANTY, AND ANY IMPLIED WARRANTIES THAT MAY EXIST UNDER STATE LAW, APPLY ONLY TO THE ORIGINAL PURCHASER OF THE PRODUCT AND LAST ONLY FOR AS LONG AS SUCH PURCHASER CONTINUES TO OWN THE PRODUCT.

### General Information

1. Airhead 1000 wireless headset uses a 2.4GHz frequency for great quality sound and clear voice chat.
2. Transmission distance exceeds 10 meters omni-directional (Straight-line in open Space).
3. Auto-sleep feature designed to provide lower power consumption and convenience.
4. High performance lithium-ion battery supports about 10-hours of continuous play.
5. 3.5 mm line-out on earcup provides a wireless playback solution. Connect to speakers or another headset.
6. Command function on earcup allows you to control media players such as Windows Media Player, iTunes, and Real Player wirelessly.

### Notes

1. It's important to maintain your lithium-ion battery once a month. If the headset is not in use for a long period of time, turn on the headset and play until it powers off.
2. After it powers off recharge the battery using the "Battery and Charge notice" below. To achieve satisfactory transmission distance, use a USB extension cable and place transmitter in a suitable position to prevent interference.
3. Keep it dry, cool and well ventilated.

# I



Pic 1



Pic 2



Pic 3

### Operating Instructions

① Microphone	⑥ Volume -
② Power on/off	⑦ Volume +
③ Power LED: Constant green - works successfully Flickering green - not matched Red and green alternating - Charging and in operation Red - Charging	⑧ Play/pause button
	⑨ Stop button
	⑩ Matching button (Refer to Operating Instruction #2)
	⑪ Previous button
	⑫ Next button
④ Charging Socket - Charging process will start automatically and the LED will illuminate in red.	
⑤ Audio output socket - Connect with an external headset or amplifier as a wireless receiver.	



Pic 4

# III

### Special Features

1. Press Button ⑧ ⑨ ⑪ ⑫ to control media players directly with Play/Pause, Stop, Prev, and Next.
6. Socket ④ can output Hi-Fi stereo audio signal when connecting other audio devices or speakers with 3.5mm audio cable.
7. When using socket ④ ⑤ to output audio signal or charge, please open the protector gently and connect the appropriate socket.
8. Auto-sleep Function: When the headset disconnects with the transmitter or the transmitter does not output a signal in 2 minutes, the headset will sleep automatically. Users can press any other button, except Power On/Off, to restore status.

### Operating Instructions

1. Insert the USB transmitter into the computer, use the extended cable if necessary. Drivers will be installed automatically. Right-click the speaker icon of the tool bar, and check the Sound and Audio Devices Properties. If you find "2.4G wireless headset" is the default device, it means installation succeeded.
2. Get the headset close to the transmitter, and turn it on.
  - A : If the Power LED is constant green, headset is working
  - B : If the Power LED is flickering green, press and hold the matching key for about 5 seconds until Power LED become constant green.
3. Upon matching process success, you can use it with media players installed on the computer.
4. Run a media player, play songs you like, and adjust to a suitable volume.

# IV

### Battery and Charging Notice

1. Battery - Lithium-ion, 3.7v, 310 mAh
2. When noticeable noise or sound distortion occurs, the battery requires charging. The charging process takes approximately 5 hours.
3. Use the correct AC power adapter or USB socket to charge.

### Specifications

Radio	Carrier frequency	2.4GHz
	Receiving range	10m, 360 °
	Frequency modulation mode	GFSK
	Transmitting power	4dBm
Headset	Frequency response	20~20KHz, CD Sound quality
	Signal -to-noise ratio	>80dB
	THD, total harmonic distortion	<0.1 % (1KHz)
	Operating voltage	3.5~4.1V
	Rated current	≈ 32mA
	Operating time	10~12 Hours
	Charging time	≈ 5Hours
	Speaker diameter	Φ 40mm
	Impedance	28 Ω
	Line out	Φ 3.5mm stereo
Micro-phone	Dimension	Φ 6.0X5.0mm
	Impedance	≤ 2.2K Ω
	Frequency response	≈ 8KHz
	Transmitter	Socket
Net	Headset	≈ 150 g
	Transmitter	≈ 5.8 g

# V

### Troubleshooting

Fault	Possibility	Solution
Turn-on failure	Power is low	Charge the battery
	Turn-on failure when pressing the power button after auto-sleep	Press all other buttons except the power button
Detect 2.4G wireless headset device failure	USB cable is not connected firmly	Check the connection status
	2.4G wireless headset is not selected	Set 2.4G wireless headset as default device manually
Matching failure	The transmitter is not connected to the computer, check whether 2.4G wireless headset is displayed in the Sound and Audio Devices Properties	Connect the transmitter to another USB socket
	The headset is far from the transmitter during matching	Place the headset beside the transmitter, and make a matching through the matching button
	Power is low	Charge the battery
Excessive noise	Power is low	Charge the battery
Microphone failure	2.4G wireless headset is not selected	Follow "Operating Instruction"
	Interference from wireless network card of laptop	Place the transmitter in a position away from the laptop with USB extended cable.
	Power is low	Charge the battery
Weak signal	Many pieces of equipment or broadband equipment of same frequency are near the transmitter	Put the transmitter in open place via the USB extended cable, or use it near transmitter as much possible
	Power is low	Charge the battery

# VI