

# Wireless PC USB Headset

## Certification and safety approvals

KL-1 is the world first digital wireless headset that delivers high quality 2.0-channel stereo audio with extra sound clarity and soft, deep bass effects. It provides a voice back channel that allows you to talk in conjunction with any kinds of PC voice applications. Examples of such applications include Skype, MSN, on-line gaming, and more. With the high performance audio and the unique feature set, KL-1 brings you a great value. To start, we like to introduce to you the important certification and safety approvals on this headset.

### FCC Statement

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.

### CE

This product is CE marked according to the provisions of the R&TTE Directive. (99/5/EC)

- USB Plug & Play
- Noise Free
- 2-Way Interactive
- CD-Quality Audio



- 1.0
- Off
  - 105°
  - On

## KL-1

## Unique Features

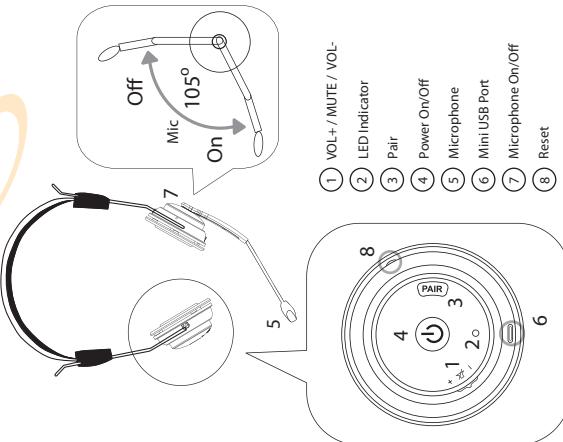
- Unique 2.0-Channel design - Each ear cup contains specially designed speaker driver to deliver extra audio clarity.
- USB Plug-and-Play wireless headset that supports PC music/game sounds and back-channel voice simultaneously, no need to switch back and forth.
- USB Puck(Transmitter) direct plug-in to the PC for instant use of VoIP, on-line game, DVD, and all kinds of entertainment running Windows 2000/XP, Macintosh OS10.4, and Linux Fedora 4, 5, and 6 operating systems.
- Ease of use, no software installation needed.
  - Long standing use, over 8 hours of continuous listening time per charge.
  - Easy charging through USB ports.
  - Microphone switch on/off control.
  - Built-in noise canceling microphone for superior voice quality.
  - 100 feet distance for effective use.

## Specification

| Model                     | KL-1                                                                                                                 |
|---------------------------|----------------------------------------------------------------------------------------------------------------------|
| Wireless Technology       | WiStereo™ for advanced 2.4 GHz digital transmission in the 2.4 GHz frequency band                                    |
| Listen Time (per charge)  | Approximately 8 hours                                                                                                |
| Talk Time (per charge)    | Approximately 8 hours                                                                                                |
| Standby Time              | Approximately 3 months                                                                                               |
| Charge Time (full charge) | Approximately 2 hours                                                                                                |
| Distance of Use           | 100 feet                                                                                                             |
| Headset Weight            | 4.7 ounces                                                                                                           |
| USB Puck Weight           | 1.8 ounces                                                                                                           |
| Charging Method           | Through PC USB port                                                                                                  |
| Battery Type              | Lithium Polymer                                                                                                      |
| Headset Speaker           | 40mm Neodymium                                                                                                       |
| Frequency Response        | 20Hz~20,000Hz (perfect for all music, game, and voice)                                                               |
| Audio Quality             | Uncompressed audio for music (CD-quality) and voice (extra clarity)<br>≤0.05% (professional grade) audio performance |
| Distortion (T.H.D.)       |                                                                                                                      |

P/N:E728924005

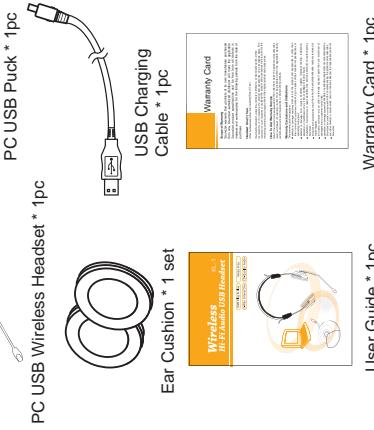
## Parts Introduction



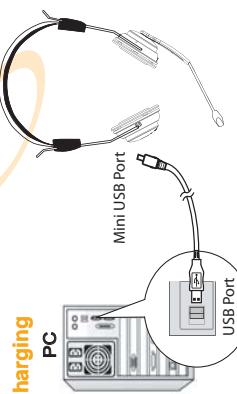
## User Guide Symbols

- 7
- Steady red light**
    - The headset is charging
  - Steady green light**
    - Devices are paired
  - Flashing green light**
    - Devices are waiting for pairing
    - Devices are not paired

## Product Accessories



## Getting Started



### Charging

- Steady red light is turned off when the headset is fully charged.
- To ensure this headset to work properly, please avoid recharging while using.

### Connect the USB Puck

- **First time use :** Charge 4 hours before using the headset.
  - **Regular use :** Charge the headset approximately 2 hours if the battery was completely used up.
- 
- Plug in to charge      Unplug when finished

## Turn on/off the headset



- Power on : Press the power button to turn on the headset.
- Power off : Press and hold the power button for 2 sec. to turn off the headset.

### Pairing the headset to the USB Puck

- 
- Press PAIR button to connect the signal transmission.
- |                                 |                    |
|---------------------------------|--------------------|
| Devices are waiting for pairing | Devices are paired |
|---------------------------------|--------------------|

## Troubleshooting

Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use the headset at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn down the volume if you can't hear people speaking near you.

### Maintaining battery life

Due to the physical nature of battery, the charging time may become longer and the actual capacity of battery may decrease. If you have any questions regarding the replacement of the built-in battery, please contact our service center.

### Unplug the USB charging cable if any of the following conditions exist

- The USB cable or plug has become frayed or damaged.
- The USB cable has been exposed to rain, liquids, or excessive moisture.
- You suspect the headset needs service or repair.
- You want to clean the headset.

### Avoiding hearing damage

Permanent hearing loss may occur if a headset is used at high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected.

## Important User Information

- **Handling the headset**  
Do not bend, drop, crush, puncture, incinerate, or open the headset.

### Repairing the headset

- Never attempt to repair the headset yourself. The headset does not contain any user serviceable parts. For service information, choose the headset help from the warranty card. The rechargeable battery in the headset should be replaced only by authorized service providers.

### No audio at the headset

- Check the headset and the computer volume control. Make sure they are not in the lowest volume level or muted.
- Check the pair status of the USB Puck and the headset. Make sure two devices are paired properly.
- Check if the PC Media Player is properly installed, and audio file is playable.
- The listening party can not hear you over the internet. Check if the microphone switch is on.

- **The headset is automatically switched off**  
The battery is too low. The indicator light on the headset is off.

- **Unexpected behavior**  
Reset the headset. (see p.5 )

## Troubleshooting

### No signal connection to the headset

- Make sure the headset is charged and the USB Puck is properly connected to the PC. Within the range of signal coverage, power on the headset again.

- **The headset is automatically switched off**  
The battery is too low. The indicator light on the headset is off.

- **Unexpected behavior**  
Reset the headset. (see p.5 )

### No audio at the headset

- Check the headset and the computer volume control. Make sure they are not in the lowest volume level or muted.
- Check the pair status of the USB Puck and the headset. Make sure two devices are paired properly.
- Check if the PC Media Player is properly installed, and audio file is playable.
- The listening party can not hear you over the internet. Check if the microphone switch is on.

- **The headset is automatically switched off**  
The battery is too low. The indicator light on the headset is off.

- **Unexpected behavior**  
Reset the headset. (see p.5 )

## **FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE 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.

### **CAUTION:**

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

### **"RF exposure warning**

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.

The equipment must not be co-located or operating in conjunction with any other antenna or transmitter "