Wireless Audio USB dongle

VH2401D

User’s Manual

1. Specification:

The Wireless Audio USB dongle consists of three major parts – USB Audio controller ,baseband controller, a radio transceiver that suitable available 2.4GHz to 2.485 GHz worldwide free ISM band Audio(voice)applications

1- 1 Range in meters: over 30 Meter from the Receiver
1- 2 Frequency Range: 2.4 GHz to 2.483 GHz (36 multi channels and 65535 ID channels for Wireless microphone)
1- 3 Data transmitting by transmitter module
1- 4 Operational voltage: 5.0 V
1-5 Low power consumption: On normal operation less than 60mA
1-6 Support Power down Mode and high efficiency power amplifier.
1-7 Receiver Fully Compliant with USB 1.1 Interface
1-8 Suspend/resume operation and device remote wakeup
1-9 Audiosampling rate : 8kHZ ,16 bit

System Requirements:

- IBM-compatible PC with Pentium II, 233MHz Processor (Pentium III
- At least 64MB RAM (128MB recommended)
- 75MB hard disk space for drivers and software
- Windows® 98SE, Windows 2000 or Windows XP

Equipment Checklist:

- Wireless Audio USB dongle 1
- Driver CD 1
- User's Manual 1

2. Specification

Item	Standard Specification	
RF (Transceiver)	Frequency Range	2.4GHz-2.483 GHz
	Modulation	FSK
	Channel spacing	2MHz
	Channel No.	36
	Channel I.D	65535
	TX Power	Under 10mW
	Data rate	250Kbps
	Sensitivity	-85 dBm
	TX FM frequency deviation	+/- 250KHz
	Frequency tolerance	+/- 25ppm
	Distance	100m in open space
	Antenna type	PIFA ANT
Power	USB power	5 V
Power Consumption	Communication mode	60mA

FEDERAL COMMUNICATIONS COMMISSION

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.

NOTE

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 radiated 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.