

AWS839(U)/830(U)

Wireless TV Headphone with Charger Base

Date : 2008.11.05
Rev. : 2

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RX



TX

Features

- Operating at 2.4GHz ISM band with 8 selectable channels
- Digital transmission.
- Auto mute function for suppressing pop noise.
- Low power consumption.
- Transmission range up to 100ft.(L.O.S.,indoor) with perfect reception.
- Superior Signal-to-Noise ratio of 80dB or higher.
- Headphone design for 360° non-directional reception.
- Auto channel track and hold for the receiver.
- Closed ear-cup or closed on-ear style headphone with powerful heavy bass.
- Soft ear cushions for ultra-comfortable wearing.
- Auto Power ON/OFF
- External A/V output on the transmitter for TV connection.
- Dual audio inputs of external Line-in and Plug-in connector on the transmitter.
- Multimedia player charger on the transmitter
- USB port on the transmitter for music download.
- Digital audio input from any PC via USB port (for AWS839U & AWS830U only).

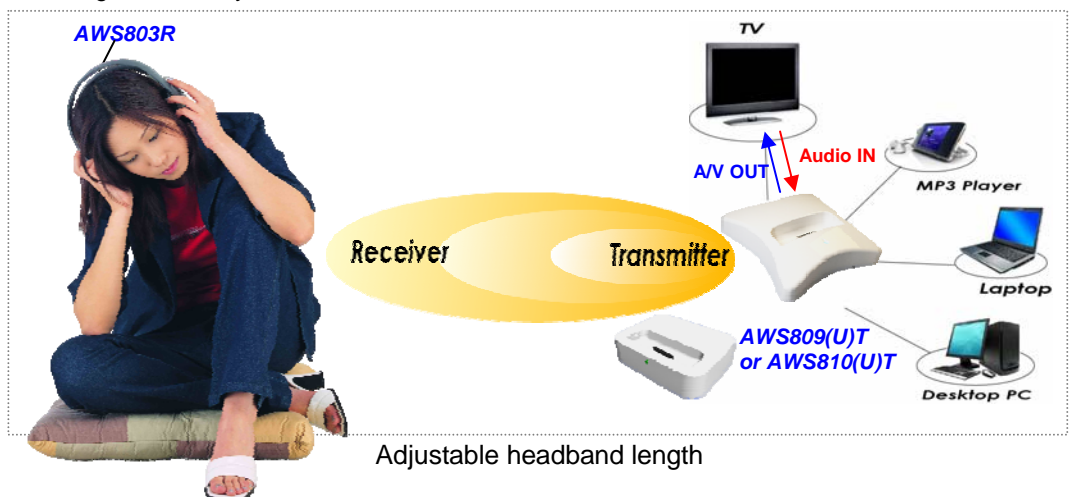
Description

The AWS839(U) / 830(U) wireless stereo headphone system is specifically made for TV, Hi-Fi, A/V entertainment and multimedia player use. The AWS839(U) / 830(U) utilizes the state-of-the-art wireless digital audio technology to transmit and receive crystal-clear music up to 100 ft. distance even through wall and floors. It lets you sit where you like and enjoy freedom of movement without the hassle of wires while watching TV or listening to music from PC or multimedia player. The transmitter base, AWS809(U)T / 810(U)T, can charge up your multimedia player while playing music.

The AWS803R lightweight headphone features the special design of comfortable closed ear-cup or compact closed on-ear style. Both styles can effectively enhance powerful heavy bass and isolate ambient noise. In addition, the comfortable ear-cup style provides the soft cushion ear-cup with ergonomic design that comfortably covers your entire ears, while the compact closed on-ear style provides the softly padded ear cushions that gently conform to the shape of your ears. All these ensure a powerful bass and crisp mids and highs reproduction with exceptional quiet background and ultra-comfortable wearing.

Applications

- Watching TV or DVD Video.
- Listening to music from multimedia, MP3 or CD players.
- Listening to music from Notebook or Desktop PC via either USB port or earphone output.
- Playing video on TV or playing music from multimedia player while charging up the rechargeable battery.



AIRWAVE

AIRWAVE TECHNOLOGIES INC.
4F,NO.9 INDUSTRIAL E. 9TH RD.
SCIENCE-BASED INDUSTRIAL
PARK,HSINCHU,TAIWAN R.O.C.
TEL.: 886-3-5778099
FAX : 886-3-5778199
<http://www.airwave.com.tw>

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Airwave - Wireless Everywhere

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Specifications

Item	Transmitter AWS809(U)T/810(U)T	Receiver AWS803R
Supply voltage	5V DC (via USB)	3.5~4.5V DC
Current consumption	120 mA (max.)	110 mA (Typ.)
Operating temperature	-10 ~ +60 °C	
Modulation	GFSK	
Channel number	8	
Channel spacing	11 MHz	
Channel frequency	2400 ~ 2483.5 MHz	
Frequency stability	±100 KHz	
Tx Power	10 dBm (max.)	
Rx Sensitivity		-85 dBm(min.)
Speaker Impedance		32 Ohm(typ.)
Analog audio input/output & Video output	3.5mm A/V phone jack	
Digital audio input*	USB 1.0 or higher	
connector	Stereo audio & 5V DC	
Audio level	2.6 Vp-p (max.)	
Response	20 ~ 20KHz, -3dB	
Separation	80 dB (Typ.)	
Audio latency	3.8ms	
S/N ratio	80 dB (min.)	
THD	0.7% (max.)	
Dimensions	107*106*28mm / 96*68*21 mm	178*177*60 mm
Weight	160g / 115g(typ.)	120g(typ.)

*Available for AWS839U & AWS830U

Packing content (box)

AWS839(U)

- AWV809(U)TX x1
- AWV803RX x1
- Battery (AAA) x3
- Cable (USB to Mini-USB) x1
- User manual x1

AWS830(U)

- AWV810(U)TX x1
- AWV803RX x1
- Battery (AAA) x3
- Cable (USB to Mini-USB) x1
- User manual x1



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