

AWS837

Date : 2008.06.25
Rev. : 0

Page 1 of 2



Features

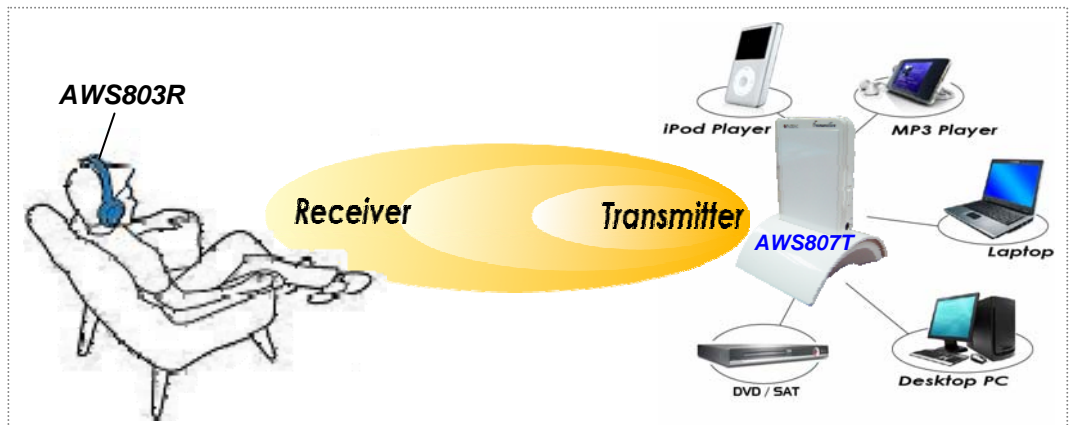
- Operating at 2.4GHz ISM band with 8 selectable channels
- GFSK digital modulation/demodulation
- No pop noise while POWER turned on
- Low power consumption
- Application distance up to 30m(L.O.S.) with perfect reception
- Improving performance in fading environment by antenna diversity

Description

The wireless stereo receiver using the state-of-the-art digital audio technology to receive 2.4GHz signals from transmitter, which is designed to simply plug into iPod. The high quality sound playing is easily transmitted through the transmitter, eliminating the cable hassle, perfect interference resistance, suitable for crystal-clear music listening when you are traveling, doing housework or working in a quiet environment.

Applications

Low Cost/High Performance Wireless Audio
High Performance Digital Audio Link



AIRWAVE

AIRWAVE TECHNOLOGIES INC.
4F,NO.9 INDUSTRIAL E. 9TH RD.
SCIENCE-BASED INDUSTRIAL
PARK TAIWAN R.O.C.

TEL.: 886-3-5778099
FAX : 886-3-5778199
<http://www.airwave.com.tw>

Copyright ©2008
AIRWAVE Technologies Inc.
All Rights Reserved.

**All Specification are subject to change without notice.

Airwave - Wireless Everywhere

Specification

Item	Transmitter (AWS807T)	Receiver (AWS803R)
Supply voltage	5V DC	4.5V DC
Current consumption	110 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(typ.)	
Rx Sensitivity		-85 dBm(min.)
Audio Output Impedance		32 Ohm(min)
Audio output level	2.6 Vp-p	
Response	20 ~ 20KHz, -3dB	
Separation	80 dB (Typ.)	
Audio latency	3.8ms	
S/N ratio	80 dB (min.)	
THD	0.7% (max.)	
Dimensions	65*105*17 mm	178*177*60 mm



AIRWAVE

AIRWAVE TECHNOLOGIES INC.
4F,NO.9 INDUSTRIAL E. 9TH RD.
SCIENCE-BASED INDUSTRIAL
PARK TAIWAN R.O.C.

TEL.: 886-3-5778099

FAX : 886-3-5778199

<http://www.airwave.com.tw>

Copyright ©2008
AIRWAVE Technologies Inc.
All Rights Reserved.

**All Specification are subject to change without notice.

Airwave - Wireless Everywhere