
Function Features

- **High Quality Stereo Sound Distribution**
- **Hands-Free Communication Function**
Enables users to enjoy high quality voice when wirelessly communicating with a Bluetooth enabled Audio Gateway such as a mobile phone.
- **Audio Streaming**
 - Direct streaming of any audio from PC/PDA
 - Online Music / CD Music
 - Games
 - Chatting (VoIP)
 - Movie / Video
 - Web
- **Multiple Application Objects**
CD player, MP3 player, DVD player, Audio system, TV, Mobile phone, Telephone, Multicasting for Conference, Language Laboratory
- **Volume Adjustable**
- **Connection initiated from headphone, streaming from MP3 player**
- **Remote Control Function (optional)**
 - Play
 - Stop
 - Skip
 - Rewind
 - Fast forward
- **Low Cost**
- **Upgradable & Configurable**

Introduction

IVT Bluetooth Stereo headphone based on Bluetooth Advanced Audio Distribution Profile (A2DP), provides the streaming of audio content from audio source (a stereo music player) to it.

It features all the functionalities a user would demand from using an audio source (such as PC). Besides eliminating the need for wires to connect a headphone to a PC, it functions as a remote controller to control an audio source (such as MP3 player), for example, play/ stop/ rewind.

The design is a low power consumption, low cost, light consumer product. Users would obtain the most convenience from this wireless solution.



Bluetooth Stereo Headphone/ Speaker



Specifications

Wireless Interface	Complies with Bluetooth Core Specification V1.1 2.4 GHz~2.4835GHz license-free ISM Band
Bluetooth Profiles	Advanced Audio Distribution Profile Audio Video Remote Control Profile (optional)
Radio Power	0.25 ~ 2.5 mW (BT class 2)
Range (open environment)	10m
Radio Receiver Sensitivity	-80 dBm(0.1% BER)
Transmit mode	Point to Point
Audio Codec	SBC 16.000, 32.000, 44.100, 48.000 kHz Stereo/Mono MP3 8 ~ 320 kbps, 44.100 kHz Stereo/Mono WMA 8 ~ 193 kbps, 8.000, 11.025, 16.000, 22.050, 32.000, 44.100 kHz Stereo/Mono
Audio Frequency Range	20 Hz ~ 22 kHz
Audio S/N	> 95 dB
Audio THD	< -83 dB
Audio Output Power	> 20 mWrms
Power Requirements	+3V DC (2*AA Chargeable Battery)
Battery life	Standby > 150 hours, Music Play > 6 hours
Charge Time	< 2 hours
Operation Temperature	-10°C to 50°C
Storage Temperature	-40°C to 85°C
Rel. Humidity	0 to 90%



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Bluetooth Stereo Headphone