

## FS055 USB Transmitter Dongle



FS055 USB Transmitter dongle

2.4GHz  
Uncompressed  
digital  
audio

2 Channel PCM  
@ 48KHz -16bit



Wireless Headphone



Wireless Hi-Fi Receiver



Wireless Speaker

### Overview

**FS055 USB transmitter dongle** leverages on Freesystems' years of wireless digital audio experience. With the best price/performance ratio in the market, it enables transmission of pure digital, CD quality stereo music from any PC or Notebook to wireless headphones or speakers integrated with FS2207 series solution.

Powered by **Freespan™** RF core technology, FS055 USB transmitter dongle is able to provide:

- an advanced and robust, **Uncompromised** and **Uncompressed** 16-bit 48KHz digital audio link.
- **Coexistence** with various 2.4GHz RF devices such as WLAN, Bluetooth, cordless phone, cordless mouse, game controllers and etc.

### Features

- USB Wireless Transmitter using 2.4Ghz GFSK transmission with 8 selectable channels.
- Bus Powered, Compact design, built-in Antenna
- Plug and play, no driver required
- Windows 2000/XP/Vista, MAC OS X compatible
- Range: up to 10 meters (indoor environment)
- 2 buttons control: Channel select and ID pairing
- Broadcast mode: supports multiple headphones and speakers with one transmitter.
- Advanced ECC that ensure bit exact transmission.
- Supports virtual Dolby/DTS surround sound via WinDVD/PowerDVD software.

### Benefits

- Fully compatible with all existing FS2207 Rx product family
- Convenient and portable.
- Casing customization options: colors and company logo

### FreeSystems Advantages

FreeSystems has vast experience in developing RF and Baseband ICs as well as designing full wireless audio systems. With the know how in RF technologies, Digital Signal Processing and audio processing algorithms, FreeSystems has developed a unique set of core competencies in

- RF, Antenna design and EMI Optimization
- System Architecture and Design
- Signal Processing
- Design for Manufacturing

### About FreeSystems

FreeSystems Pte Ltd was incorporated in June 1999. The company provides both Infra Red and RF wireless digital audio solutions. FreeSystems has strong IP portfolio of more than 48 patents either filed, issued or pending worldwide. Over the years, FreeSystems has also demonstrated the capability and capacity to support major CE customers and technology partners in rapid product realization.

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