

# *Wireless Magic Timbre*



The "Wireless Magic Timbre" is the latest high tech product in wireless and stereo application. It can be applied to all kinds of audio sources with wireless connection. The "Wireless Magic Timbre" adopts ultra high frequency (2.4 GHz) and high-speed transmission without any interference with other wireless devices. It is easy to use, truly plug and play, and can be coupled with any wired stereo devices. It satisfies your ears with authentic, original sound and in the meantime, it easily solves the troubles of disturbing wiring connections.

The "Wireless Magic Timbre" is compatible with various audio devices, such as Home Theaters, Stereo, Earphones, DVD, CD Player, MP3, iPod, PC and Broadcasting System etc. One transmitter can go with many receivers and Earphones at the same time. You can enjoy the same music in different occasions or you can set up a small Broadcasting System and create a unique and private DJ space.

## ■ **“Wireless Magic Timbre” Transmitter (2.4GHz)**

**Model: WMTTX240001**

### **Features:**

- Special design preventing frequency interference from other wireless devices such as cell phones, microwaves and wireless network cards.
- Digital full CD quality, stereo sound, authentic music transmission feels like listening in the concert.
- Hint sound (Exclusive patent).
- Channel memorable function.
- Mute function.
- Auto-sleep mode.
- Volume memorable function.
- 2-way input methods : Earphone input and amplified speaker input.
- Digital volume control : can remotely control the “Wireless Magic Timbre” receiver volume from the “Wireless Magic Timbre” transmitter.
- Auto-channel-scan : scan channel automatically on the “Wireless Magic Timbre” receiver by pressing the “CH” button on the “Wireless Magic Timbre” transmitter.
- Auto-channel-store : scan channel automatically by pressing the “CH” button on the “Wireless Magic Timbre” transmitter or the receiver. The new channel will be stored until next channel scan. They won't be interfered each other even if you use them at the same time.
- Save power : When the “Wireless Magic Timbre” transmitter is shut down, the “Wireless Magic Timbre” receiver will also be shut down automatically to save power.
- Multiple uses : one “Wireless Magic Timbre” transmitter can be used with multiple Earphones and the “Wireless Magic Timbre” receivers. Within the effective transmission range everyone can enjoy the same music.
- Emit elegant blue light from the base of the “Wireless Magic Timbre” transmitter.
- Applied products : Home Theaters, Stereo, Earphones, DVD, CD Player, MP3, iPod, PC and Broadcasting System etc.

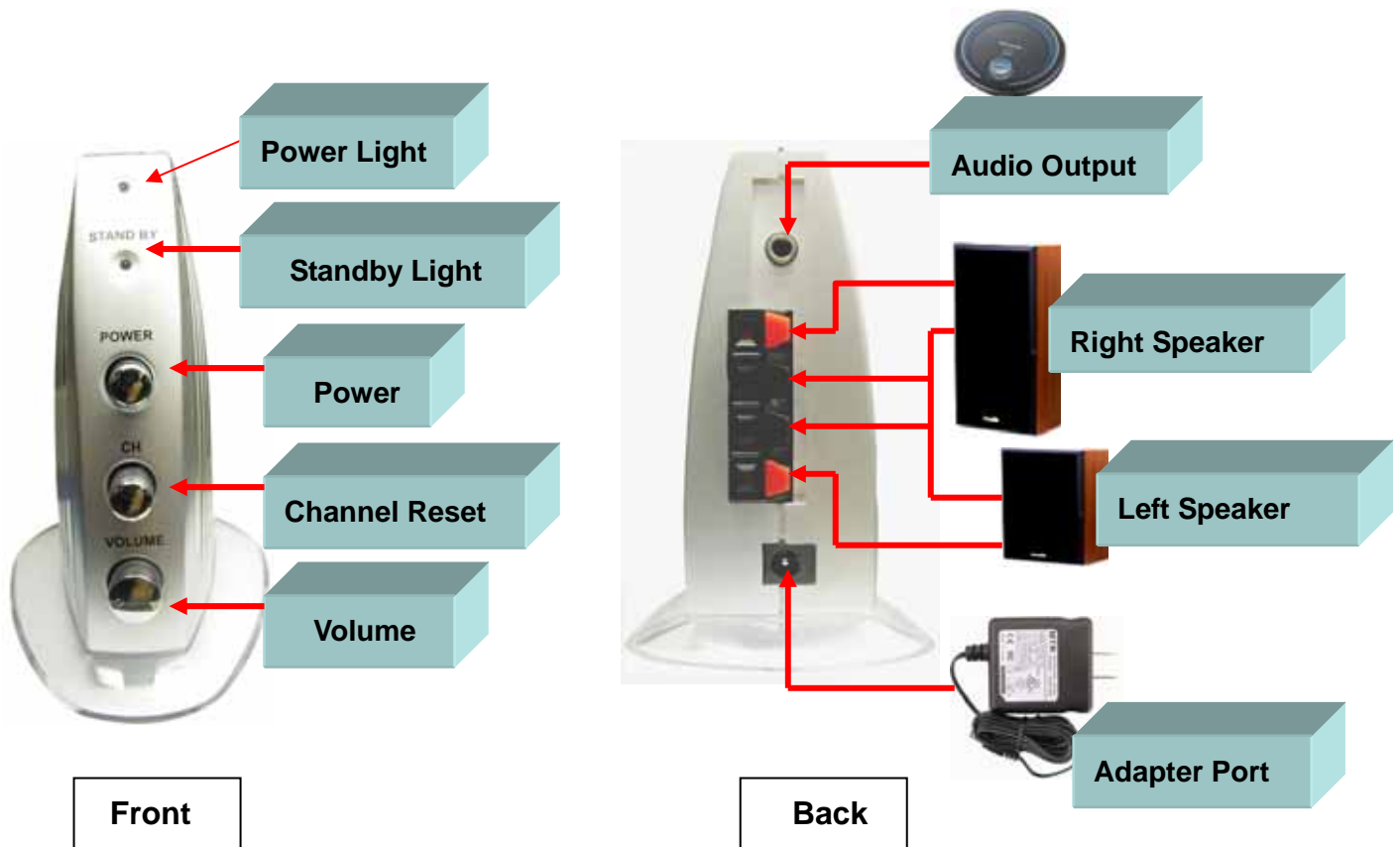
### Specification:

- Frequency : 2.4~2.486GHz
- Modulation type : GFSK
- Channel : 8 channels
- Transmission method : RF digital
- Channel spacing : 1MHz
- Sampling rate : 44.1K
- The BIT of sampling : 16BIT
- Distance : 10~20M (able to reach 200M if connecting with extensional PA.)
- Audio input range : 0.4Vp-p ~ 2.4BVp-p
- Audio input impedance : 1K $\Omega$
- Working voltage : 9V
- Power consumption : 75mA
- Transmitting power : 1mW
- Frequency response : 20Hz~20 KHz, -6dB
- Total harmonic distortion : 0.3% (1W)
- Max. noise value : 0~2Vp-p (Max.)
- Signal-to-noise ratio : 87dB (Typical)
- Dynamic range : 98dB (Typical)
- Operating temperature : -10~+85
- Antenna : dipole
- Size : 11 x 2 x 11cm (Length x Width x Height)
- Weight : 91g

### Adapter:

- Voltage : AC 100~240V ; DC 9V/0.5A
- Weight : 128.6g

## Function Keys Diagram:



## Installation:

1. Plug one end of the “Wireless Magic Timbre” transmitter’s adapter into the outlet and the other end of the adapter into the adapter port of the “Wireless Magic Timbre” transmitter. The “Wireless Magic Timbre” transmitter can be coupled with an amplifier. You can purchase separately a suitable Audio Earphone cable to connect with the amplifier or you can connect the left and right sound effect of the amplifier with the connectors on the back of the “Wireless Magic Timbre” transmitter.
2. Turn on the power of the “Wireless Magic Timbre” transmitter and put the audio source into the audio equipment (such as DVD, CD Player, MP3, iPod etc.)
3. Turn on the power of the “Wireless Magic Timbre” receiver or the “Wireless Digital Earphone” and then press the “CH” button on the “Wireless Magic Timbre” transmitter to scan automatically for the new channel. At this time, you will hear “Do...Do” sound. When it finds the new channel, you will hear the music. If it doesn’t find the new channel, press the “CH” button on the “Wireless Magic Timbre” receiver or the transmitter to start scanning for the new channels again.
4. If you need to change channels, press the “CH” button on the “Wireless Magic Timbre” transmitter. At this time the “Wireless Magic Timbre” receiver will scan automatically the new channel.

## ■ "Wireless Magic Timbre" Receiver

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**Model: WMTRX240001**

### Features:

- Special design preventing frequency interference from other wireless devices such as cell phones, microwaves and wireless network cards.
- Digital full CD quality, stereo sound, authentic music transmission feels like listening in the concert.
- Hint sound (Exclusive patent).
- Channel memorable function.
- Mute function.
- Auto-sleep mode.
- Volume memorable function.
- 2-way audio output methods : by Earphones or Amplified Speakers.
- Digital volume control : can remotely control the "Wireless Magic Timbre" transmitter volume from the "Wireless Magic Timbre" receiver.
- Auto-channel-scan : scan channel automatically on the "Wireless Magic Timbre" receiver by pressing the "CH" button on the "Wireless Magic Timbre" transmitter.
- Auto-channel-store : scan channel automatically by pressing the "CH" button on the "Wireless Magic Timbre" transmitter or the receiver. The new channel will be stored until next channel scan. They won't be interfered each other even if you use them at the same time.
- Save Power : When the "Wireless Magic Timbre" transmitter is shut down, the "Wireless Magic Timbre" receiver will also be shut down automatically to save power.
- Multiple uses: one "Wireless Magic Timbre" transmitter can be used with multiple earphones and "Wireless Magic Timbre" receivers. Within the effective transmission range everyone can enjoy the same music.
- Emit elegant blue light from the base of the "Wireless Magic Timbre" receiver.
- Applied products : Home Theaters, Stereo, Earphones, DVD, CD Player, MP3, iPod, PC and Broadcasting System etc.

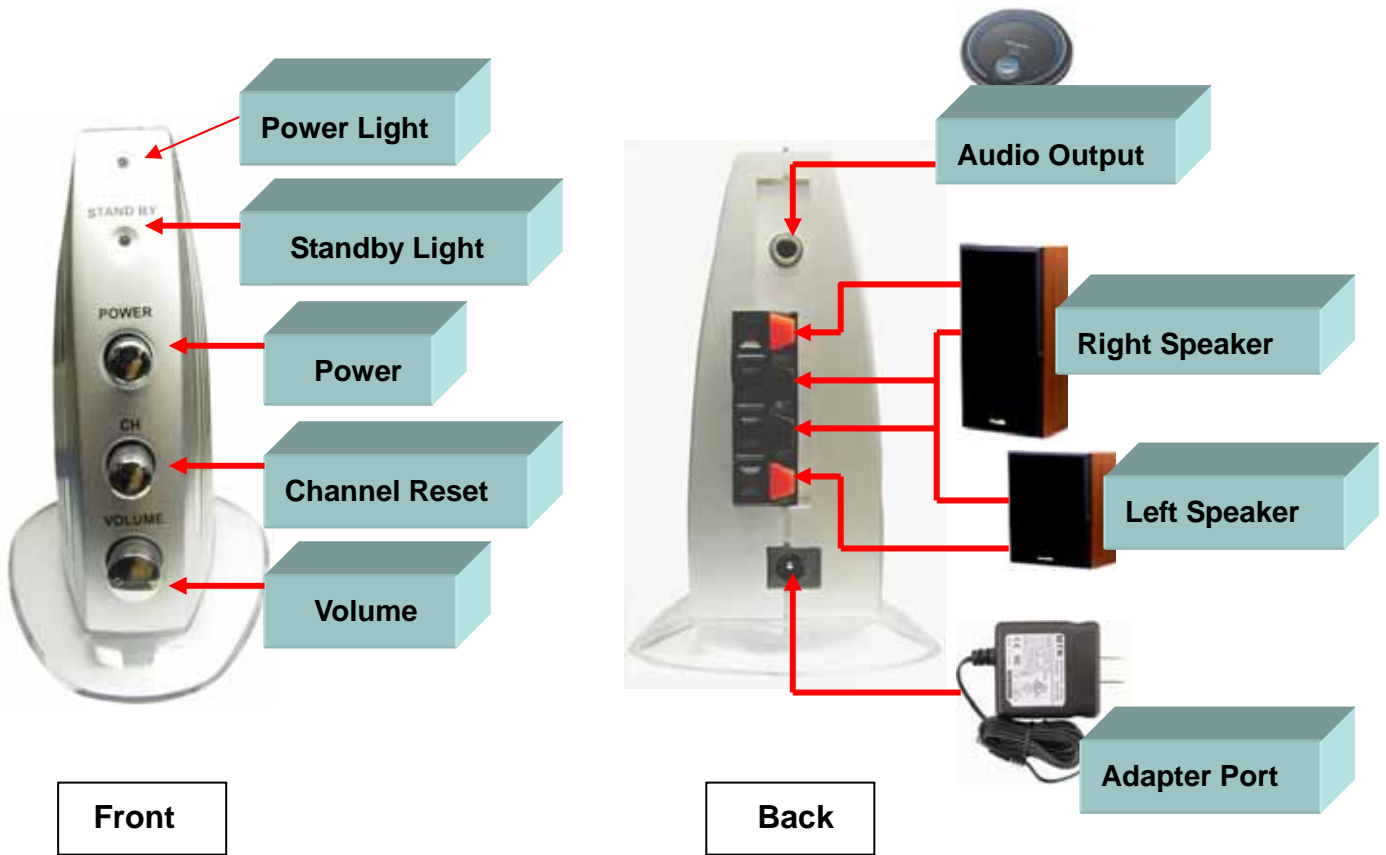
### Specification:

- Frequency : 2.4~2.486GHz
- Modulation type : GFSK
- Channel : 8 channels
- Transmission method : RF digital
- Channel spacing : 1MHz
- Sampling rate : 44.1K
- The BIT of sampling : 16BIT
- Distance : 10~20M
- Audio input range : 0.4Vp-p ~2.4BVp-p
- Audio input impedance : 1K $\Omega$
- Working voltage : 12V
- Power consumption : 1200mA
- Output power : 10W (Buide in 10W amplifier)
- Frequency response : 20Hz~20 KHz, -6dB
- Total harmonic distortion : 0.3% (1W)
- Max. noise value : 0~2Vp-p (Max.)
- Signal-to-noise ratio : 87dB (Typical)
- Dynamic range : 98dB (Typical)
- Operating temperature : -10~+85
- Antenna : dipole
- Size : 11 x 2 x 11cm (Length x Width x Height)
- Weight : 91g

### Adapter:

- Voltage : AC 100~240V ; DC 12V/1.5A
- Weight : 184.2g

## Function Keys Diagram:



## Installation:

1. Plug one end of the “Wireless Magic Timbre” receiver’s adapter into the outlet, and the other end of the adapter into the adapter port of the “Wireless Magic Timbre” receiver.
2. Turn on the power of the “Wireless Magic Timbre” transmitter and put the audio source into the audio equipment (such as DVD, CD Player, MP3, iPod etc).
3. Turn on the power of the “Wireless Magic Timbre” receiver and then press the “CH” button on the “Wireless Magic Timbre” transmitter to scan automatically for the new channel. At this time, you will hear “Do...Do” sound. When it finds the new channel, you will hear the music. If it doesn’t find the new channel, press the “CH” button on the “Wireless Magic Timbre” receiver or the transmitter to start scanning for the new channels again.
4. If you need to change channels, press the “CH” button on the “Wireless Magic Timbre” transmitter. At this time the “Wireless Magic Timbre” receiver will scan automatically the new channel.

**Package Contents Available:**

- Wireless Digital Earphone\*1PS
- Wireless Digital Earphone Adapter\*1PS
- Wireless Magic Timbre Transmitter\*1PS
- Wireless Magic Timbre Transmitter Adapter \*1PS
- User Guide\*1PS