



## SPK-24G

# 2.4GHz Digital Wireless Indoor/Outdoor Speaker System



## Owner's Manual

(Read carefully the instructions before using this system)

[www.audio-unlimited.com](http://www.audio-unlimited.com)

[www.cablesunlimited.com](http://www.cablesunlimited.com)

## **Transmitter**

This Audio Unlimited™ 2.4GHz digital wireless indoor/outdoor speaker system utilizes the most advanced wireless technology to deliver dynamic, high-quality audio anywhere inside or outside your home. The wireless audio transmission travels freely through walls, floors and other solid objects. Simply connect the system to any audio source such as iPod/iPhone, Computer, Radio, TV, VCR, Hi-Fi, CD/MP3/ VCD/DVD/Blu-Ray Players and more, to enjoy the full-spectrum, lifelike sound without the hassle of complicated wiring and installation.

**To maximize your product's longevity please read and follow all warnings and instructions carefully**

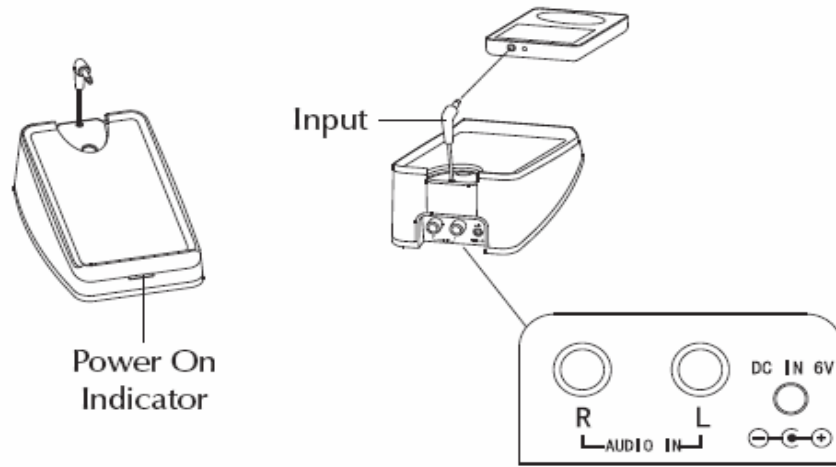
### **Package Includes:**

- 1 x RF Transmitter
- 1 x RF Speaker
- 1 x Remote Control (button cell battery included)
- 1 x AC Adapter for Transmitter
- 1 x AC Adapter for Speaker
- 1 x RCA to RCA Cable
- 1 x User Manual

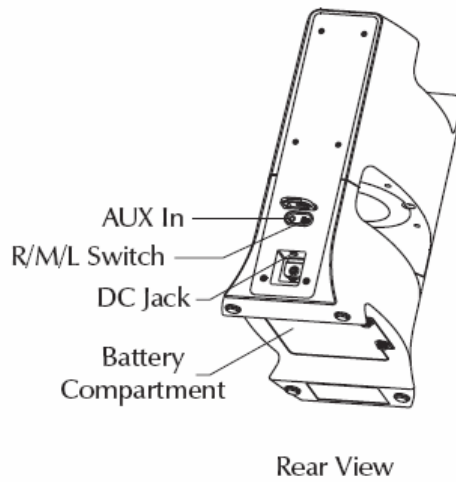
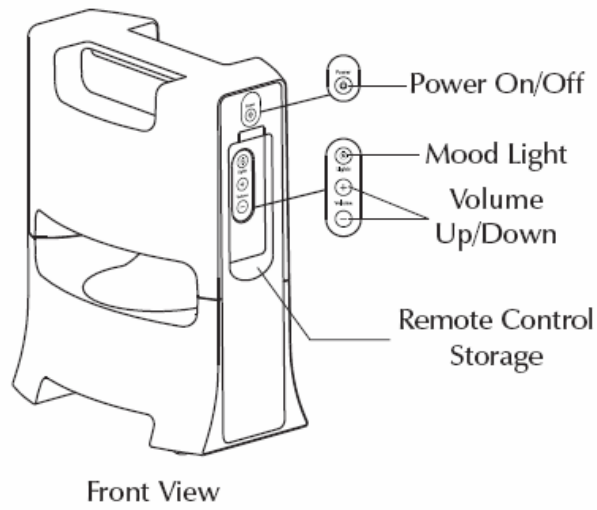
### **Features**

1. 2.4GHz Frequency Hopping Spread Spectrum (FHSS) digital transmission
2. 32-Channel scan-tuning between transmitter and receiver
3. Audio output power up to 20 Watts RMS per channel
4. SRS WOW® provides deep, rich bass and creates a 3D surround effect to provide a superior audio experience
5. Weather-resistant speaker and remote control
6. Waterproof at IPX-3 – protect against spraying water
7. Mood light effect
8. Dual weather-resistant speaker driver (super bass and tweeter built-in)
9. UV resistant speaker and remote control
10. Supports stereo audio (with optional additional speaker)
11. AUX In jack
12. Operating distance up to approximately 50 meters/150+ feet in open areas (less through walls and other obstructions)
13. Works through walls, floors and anywhere in the room
14. Virtually interference-free stereo quality
15. Auto volume level control
16. Remote control unit
17. Powered by 6 D batteries (not included), or by included AC adapter

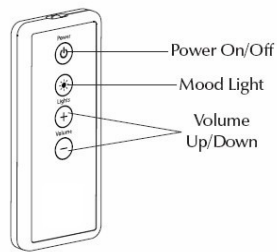
# Transmitter



# Speaker



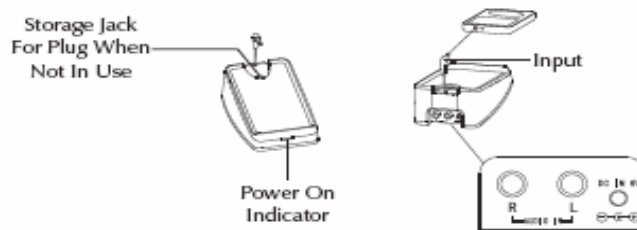
## Remote Control



## Installation

### Transmitter

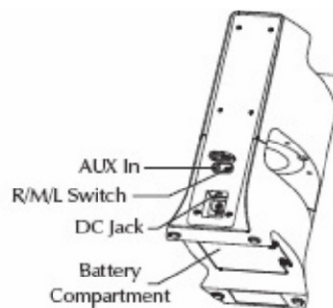
1. Plug the included AC adapter into a standard wall outlet.
2. Insert the adapter connector plug firmly into the DC IN jack located on the rear panel of the transmitter base.
3. Extend the retractable audio cable located on the back panel of the transmitter and connect it to the output jack of virtually any audio source.  
**Note :** Do not fully extend the cable until ready to retract.
4. To retract the cable, pull it until it is fully extended and then allow it to feed back into the base.



### Speaker Receiver

#### Battery Power

1. To operate the speaker using battery power, carefully turn the speaker over and open the battery compartment cover located underneath.
2. Insert six (6) D alkaline batteries (not included) into the battery compartment, observing proper +/- polarities as indicated.



3. Replace the battery compartment cover.

### **AC Power**

1. To operate the speaker using AC power, plug the included 12V power adapter into a standard wall outlet.
2. Insert the power adapter connector firmly into the DC IN jack located on the back panel of the speaker.

## **Operation**

1. To switch on the speaker, press the POWER button located on the front panel of the speaker. The GREEN power LED illuminates.
2. To switch off the speaker, press the POWER button again.

## **Remote Control**

The remote control is ready to use with a factory-installed button cell battery. It is stored in the recessed area on the front panel.

## **Basic Operation**

1. When the transmitter power adapter is connected and plugged into a standard wall outlet, the transmitter's GREEN led remains on.
2. To switch on the speaker, press the POWER button on the front panel of the speaker. The GREEN led illuminates.
3. Turn on the audio source. The Transmitter remains off for less than 4 minutes, after which the blue LEDs on the transmitter and the speaker will illuminate once the audio signal link between the two is made.
4. If the audio source connected to the transmitter is turned off for less than 4 minutes, the BLUE leds on the transmitter and the speaker remain on, but no sound will be transmitted. When the audio signal returns to the transmitter, sound is then transmitted again.
5. If no signal is detected for more than 4 minutes, the transmitter automatically turns off ; the BLUE leds on the transmitter and the speaker switch to GREEN.
6. If no signal is detected from the transmitter for more than 5 minutes, the speaker automatically shifts to Stand-by mode.
7. To turn on the speaker again during Standby mode, press the POWER button on remote control unit.
8. If no audio signal is detected from the transmitter for more than 15 minutes, the speaker automatically turns off. The GREEN led goes off.
9. To switch on the speaker, press the POWER button on the front panel of the speaker.
10. To switch off the speaker. Press the POWER button again.

## **Mood Light**

For mood light effect, press the LIGHTS button on the speaker or remote control.

## SRS WOW®

SRS WOW® is built into the transmitter and is always on while playing music. It provides deep, rich acoustics and creates a 3D surround sound effect to provide a superior audio experience.

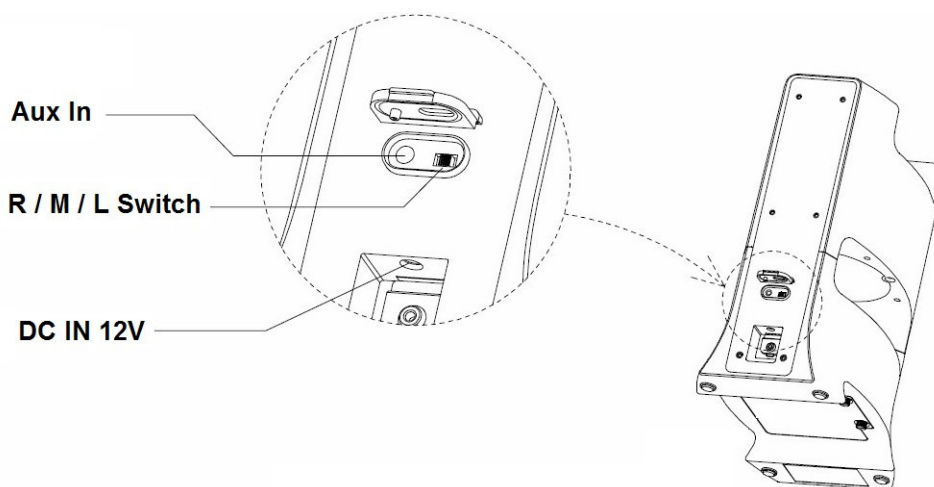
SRS WOW® Technology Delivers The Best Possible Audio Experience. This system delivers superior stereo sound with the help of advanced audio-enhancement

electronics from SRS Labs, Inc., a leading provider of advanced audio solutions.

SRS WOW® digitally reconstructs the 3D directional cues of the original recording that are lost during the digital compression and mixing process. For the listener, SRS WOW® seems to expand the stereo “sweet spot” and improves the perception of acoustic space and clarity. Additionally, SRS WOW® patented techniques overcome low-frequency limitations of smaller speaker drivers to create a deeper, richer bass response than found in typical speakers.

### Left / Right Channel and Mono Selection

The 2.4GHz Wireless Outdoor/Indoor Speaker System comes with one speaker and is designed for either Mono or Stereo playback. For stereo playback, an additional speaker must be purchased separately. Mono playback is suggested when only one speaker is used in an area or room.



#### **Mono Playback**

To enable Mono playback, ensure that the switch located on the back panel of the speaker is in the MONO position.

#### **Stereo Playback**

To enable Stereo playback, set the switch on one of the two speakers' back panel to LEFT. Set the switch on the other speaker to RIGHT.

**Note 1 :** It is also possible to listen to only the Left or Right audio channel using only the speaker set. To do so, simply set the switch on the speaker's back panel to LEFT or RIGHT. Only the channel selected will be audible.

**Note 2 :** If two speakers are connected to the system, ensure both speakers are placed within the effective operational range. If either speaker is out of range it will cause distortion to both speakers.

## **AUX In**

To connect an audio device directly to the speaker, insert the output audio cable from the device into the AUX In jack located on the back panel of the speaker.

### **Note :**

- If the source signal is too weak for reception, the transmitter automatically switches off after approximately 4 minutes to protect the unit and save power. If the source signal returns to an adequate level, the transmitter automatically switches back on.
  - When the transmitter is in Stand-by mode, the speaker automatically switches off after approximately 20 minutes to protect the unit and save power.
  - To switch speaker power back on during Stand-by mode, press the POWER button on the remote control. The signal link between the transmitter and speaker reconnects automatically.

## **Troubleshooting**

### **No sound**

- Ensure the AC adapter is securely plugged into the wall outlet and the transmitter DC TN jack.
- Ensure the speaker POWER button is in the ON position.
- Speaker batteries may be too weak. Replace with new batteries or connect with the included AC/DC adapter.
- Ensure the connected audio device is switched on and producing a signal.
- Ensure that the volume level is set to a moderate level.

### **Distortion**

- Speaker batteries may be too weak. Replace with new batteries or connect with the included AC/DC adapter.
- Ensure that the volume level is set to a moderate level.
- The speakers are too far from the transmitter. Move closer to the transmitter base.
- The audio input signal may be too low; increase the volume level of the audio source.
- If two speakers are connected to the system, ensure both speakers are placed within the effective operational range. If either speaker is out of range it will cause distortion to both speakers.

## Specifications

Transmission Mode :	UHF Stereo
Carrier Frequency :	2.4GHz Digital
Operation Voltage :	Transmitter, DC 6C 300mA Speaker, DC 12V 1.5A or 6 x D alkaline batteries (not included) Remote Control, 1 x CR2032 button cell
Frequency Response :	30 Hz – 20 KHz
Distortion :	0.5%
S/N Ratio :	65 dB
Operation Distance :	Up to approximately 50 meters/150+ feet (open area)
Speaker Audio Output Power :	20W Max. (RMS)

### **ATTENTION:**

**The transmitter for this speaker set is designed to work with a wide variety of devices. Our tests have shown the default volume levels of iPods, MP3 players and other devices connected to the transmitter through the headphone jack does not have the signal strength required by the transmitter. Raising the volume of your device will increase the signal strength to the transmitter. The blue signal LED will light when the required signal strength from your device is reached. We recommend that you keep the volume set on your iPod or MP3 player at a minimum of  $\frac{3}{4}$  of full volume.**

### **WARNING:**

**Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. This device complies with RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device. This product may contain chemicals listed in Proposition 65 ([http://www.oehha.ca.gov/prop65/prop65\\_list/Newlist.html](http://www.oehha.ca.gov/prop65/prop65_list/Newlist.html)) that may be known to cause cancer, birth defects or other reproductive harm.**