



C 0870

165mm 2-Way Round Wi-Fi Ceiling Speaker Pair

Operating Instructions



Features

- In-built wifi (802.11b/g/n) with smartphone, tablet or PC control.
- In-built 2 x 30W RMS amplifier.
- Includes active speaker and passive speaker units - 60W RMS.
- High performance kevlar woofer and titanium dome tweeter.
- Supports multi-room/zone installations.
- In-app content, zone and output level control.
- Includes power supply.

Introduction

Experience wireless music streaming throughout your home with these high performance Kevlar cone wireless speakers. They connect to your home wireless router and allow you to stream music directly from your device. Playback can be via stored music, podcasts, Spotify or other music streaming services. The Smartsonix app, available on iOS or Android, enables volume control in each zone. Speakers are also compatible with Apple Airplay permitting easy audio streaming directly from a huge array of iOS and Mac appstore applications. The amplifier inside the active speaker, drives the other connected passive speaker in the ceiling. Sold in pairs.

Specifications

Speaker

Frequency response	65Hz-20kHz
RMS Power	60W
Impedance	8 ohms
Sensitivity (1w/1m)	90dB
Woofer	16.5cm (6.5") Kevlar woven cone
Tweeter	1.9cm (0.75") Titanium dome
Treble attenuation	+3dB/-3dB

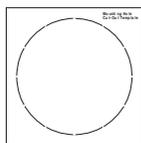
Amplifier

Type	Class D (digital)
RMS Power	2x 30W/8ohm
Power Input	24Vd.c./2.5A

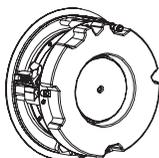
Built-in WiFi

- Wireless network compatibility 802.11b/g/n
- Support online audio streaming media
- Support audio format: MP3/WMA/AAC/ACC/ACC+/ALAC/APE/WAV

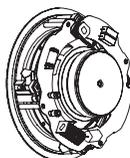
Inside the Package



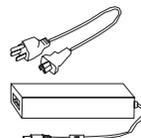
Mounting Template



Wi-Fi Speaker



Passive Speaker



Power supply

Speaker Parts

Figure 1: Active Wi-Fi Speaker with Amplifier - Front

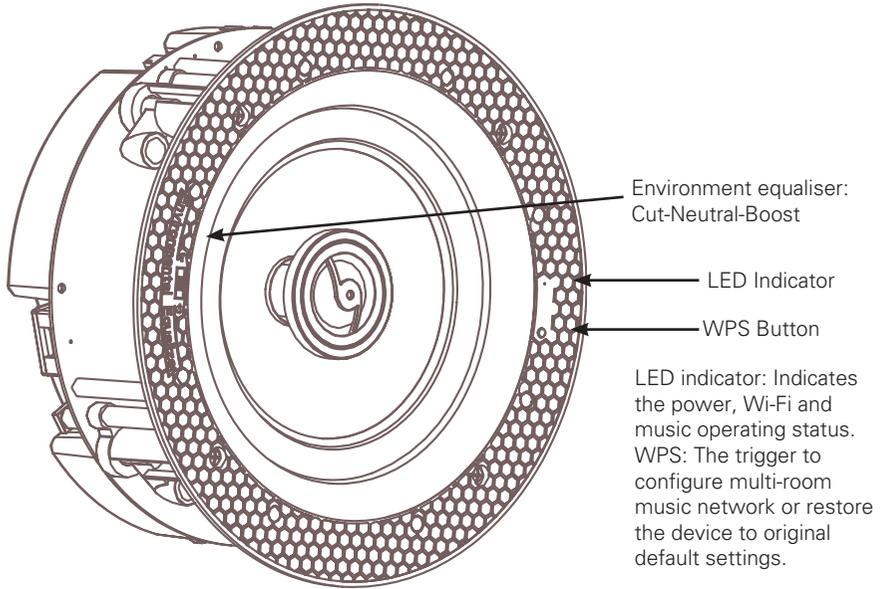
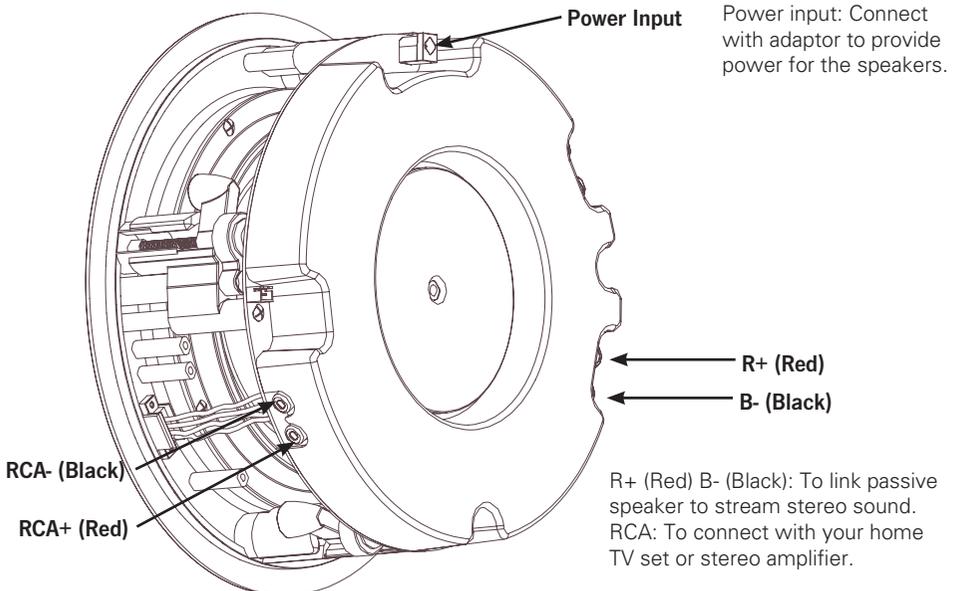


Figure 2: Active Wi-Fi Speaker - Rear



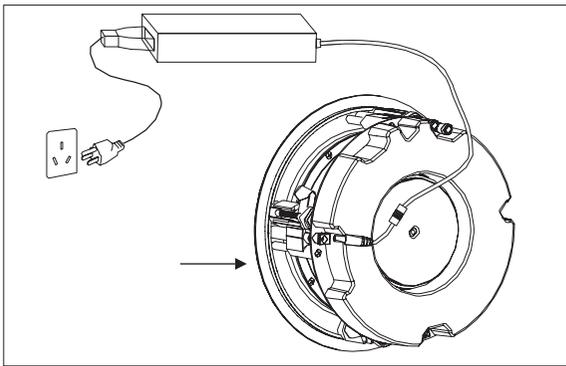
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Controller App Installation

Please search "Smartsonix" to download controller app from Google Play (Android) or Apple App Store (IOS). Before your Wi-Fi speaker is installed into ceilings, please arrange testing to make sure the device works properly. WPS button might not be accesible once installed - see Step 5.

WiFi Activation Steps:

Step 1: Connect the speaker to the power supply



Step 2: Switch on the Wi-Fi function and connect your phone to the Wi-Fi

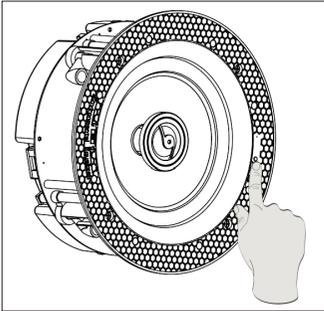
Step 3: Start the controller APP Smartsonix and click ADD DEVICE. Please ensure the router is within range.

Step 4: Enter the router password and click NEXT. This will be the same password used for other Wi-Fi devices linked to the network.



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Step 5: Press the WPS button on the front of the speaker to configure the network and click NEXT.



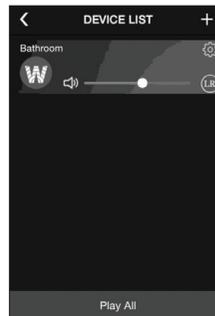
Step 6: After the pairing is completed, the device will be connected to your router automatically. If this fails, click RETRY and repeat Step 4 and Step 5.



Step 7: Name the device according to the room you will install and click FINISH.



Step 8: After naming the rooms, the Wi-Fi speaker will appear in the device list. If you have more than one set of Wi-Fi speakers, add devices and name them accordingly. Your multi-room music network is now established.



Note: Maximum recommended speaker pairs installed and synced with the app is 10 pairs.

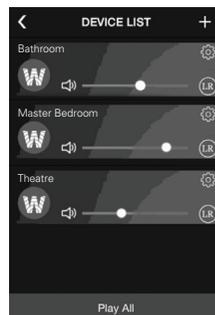
> Smartsonix App displays that WPS Button is on the back of speaker. For this model the button is located behind the grill. It is easier to WPS pair when installed this way.

* This app can enable the playback of one track in multiple Areas/Zones. It can also play multiple tracks and send them individually to each Area/Zone.

Alternative Method: Connect the speaker to a WiFi network using the IP Address 10.10.10.254. When the speaker is connected in adhoc mode, use a laptop or a phone with a browser - Chrome, Explorer, Firefox, Safari - and type the IP Address into the search bar.

You can then follow the prompts to enable the speaker as part of the WiFi network. Default password for direct connection is 88888888.

Step 9: Choose a device from the device list in app and play a track from your mobile player to test whether the device works. If playback is operating properly, the App installation process is complete. If Playback fails, reset the settings and start again.

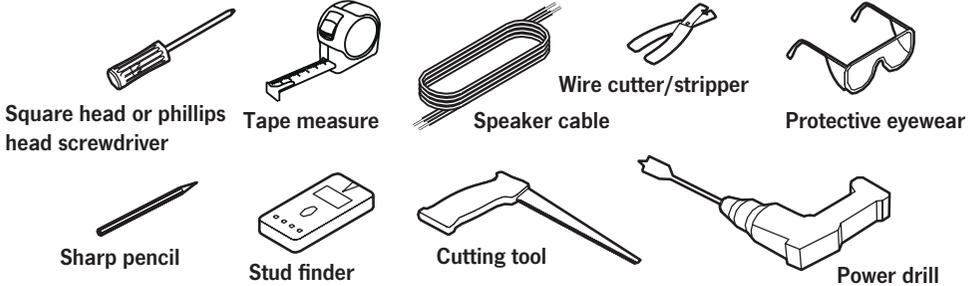


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WiFi Speaker Installation

Equipment you will need:

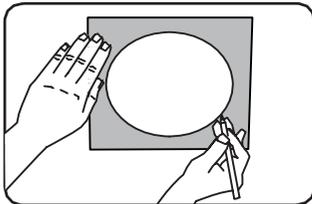
Besides the cut-out template that is included in the box, you must have a ladder and ideally the equipment shown below to guarantee a safe and efficient installation.



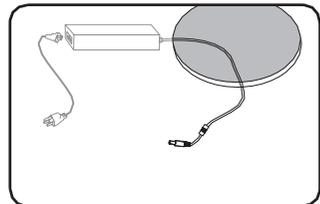
Steps:

Step 1: Use the enclosed template to mark the cut out, then simply cut along the line. This is the only cut you will need to make.

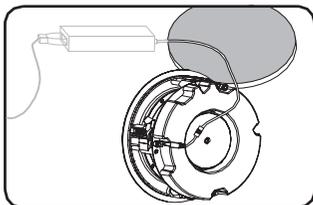
Cutout Diameter: Ø210mm
Installation Depth: >102mm



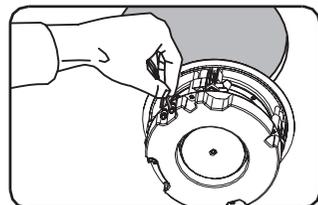
Step 2: Mount the DC adaptor in a suitable place in your wall or ceiling. Leave the plug end and jack end dangling through the ceiling hole. The adapter must be able to plug into a mains power supply.



Step 3: Connect the DC adaptor jack to the Wi-Fi speaker and mount the speaker into the ceiling. The location should suit the room you have identified in the controller APP.

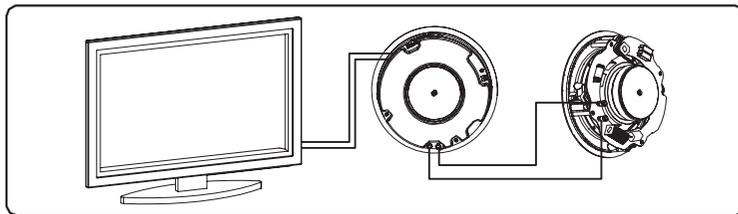


Step 4: To enjoy a superior stereo sound quality, install the passive speaker to be paired with the Wi-Fi speaker in the same room. The two speakers are physically connected by wires between the matching black and red terminal points on each speaker. The Wi-Fi main active speaker is marked R+ and R-, and the passive speaker is marked In+ and Out-.

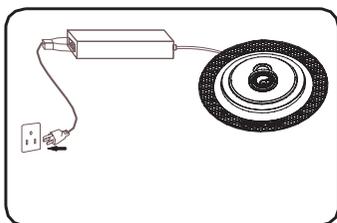


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Note: Diagram showing Wi-Fi speaker and passive speaker connected to a TV monitor. The cables shown ought to be installed before closing the speaker grills as per Step 5.



Step 5: Cover the speaker with the supplied grill and plug in the DC adaptor to the power supply

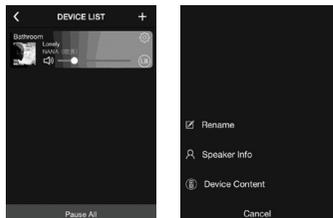


Device Resetting:

If the multi-room network fails during operation, you can press the WPS button to restore the speaker to its original factory default settings. Uninstall the Wi-Fi speaker from the ceiling and press the WPS button for around 5 seconds. During this operation, make sure the speaker is power switched on.

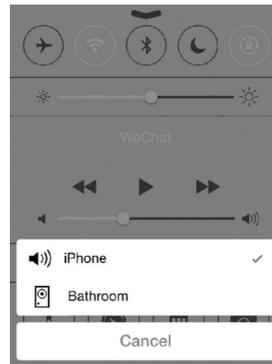
Device Personal setting:

- **Rename:** If you find the Wi-Fi speaker is wrongly named after installation, you can rename the device as you see fit using the mobile App.
- **Speaker info:** To protect the speaker's Wi-Fi signal from being hacked by others, you can set a password for your device. The default password is 88888888.



Airplay Function:

You can use the Wi-Fi speaker with any smart device based on the IOS operating system - iPhone, iPad and iMac. After installing the IOS app, connect your device wirelessly to the speaker using Wi-Fi. In the pull-up menu, click Airplay and choose the Wi-Fi speaker. Then the audio can be steamed from your smart device.



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Altronic Distributors warrants this product for one year from date of purchase from Altronics or its resellers to the consumer. If this item is part of an installation or another product, please contact the installer or supplier for your warranty.

During the warranty period, we undertake to repair or replace your product at no charge if found to be defective due to a manufacturing fault. The warranty excludes damage by misuse or incorrect installation (i.e. failure to install and operate device according to specifications in the supplied instruction manual), neglect, shipping accident, or no fault found, nor by use in a way or manner not intended by the supplier.

For repair or service please contact your **PLACE OF PURCHASE**.

If this item was **purchased directly from Altronics** please make a warranty claim by:

1. **FOR MAIL ORDER CUSTOMERS** (includes school and trade orders),
 - a) Ringing us on 1300 797 007 and quoting your tax invoice number.
 - b) Upon contacting Altronics, we will issue an R.A. (Return Authorisation).
As Altronics have a number of service agents throughout Australia, a copy of the R.A. will be emailed, faxed or mailed to you with full instructions of how and where to send the goods. The freight for shipping goods back to Altronics for all repairs is at the customers expense.
 - c) A copy of the R.A. form, (or at the very minimum, the R.A. number) must accompany the goods to effect the repair.
 - d) Altronics will pay the return freight to the customer where the warranty claim has been accepted.
 - e) Please quote the R.A. number in any correspondence to us.
2. **FOR OVER THE COUNTER PURCHASES** to make a warranty claim, please return the goods to us in any of our stores, with a copy of your proof of purchase (tax invoice).
 - a) Upon leaving the goods at one of our stores, an R.A. number will be issued to you.
 - b) Once repaired, you will be contacted, advising that the goods are ready to be collected from the store.

It is at Altronics discretion as to whether the goods will be repaired or replaced (whilst under warranty); and as to whether identical goods will be used to replace the item due to changes of models / products.

Note: Under no circumstances should you attempt to repair the device yourself or via a non-authorised Altronics service centre, as this will invalidate the warranty!

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.