



ALFW-550P





Description:

The **ALFW-550P** is a high-performance powered wall speaker system designed to deliver clear, powerful audio for meeting rooms, conference spaces, classrooms, hospitality venues, and commercial installations. The system includes one active speaker and one passive speaker, providing **2 × 50 watts** of stereo output for excellent sound coverage in small to medium-sized rooms.

1. Despite its compact design, the ALFW-550P features a premium 2-way speaker configuration with a dedicated woofer and high-frequency tweeter, producing rich bass, detailed mids, and crisp highs for both speech and music.
2. Multiple input options—including balanced audio, RCA, 3.5 mm stereo, Bluetooth®, and loop output—make integration with a wide range of audio sources simple and flexible. A dedicated subwoofer output allows for easy system expansion when additional low-frequency performance is required.
3. The included mounting brackets enable quick wall installation, while the elegant design is available in **black or white** to complement any environment.

Key Features

- 2 × 50 W powered stereo speaker system
- One active speaker and one passive speaker
- High-quality 2-way design with dedicated woofer and tweeter
- Bluetooth® wireless audio streaming
- Balanced audio input with loop output
- RCA stereo and 3.5 mm stereo audio inputs
- Dedicated subwoofer output for enhanced bass performance
- Automatic standby mode after 5 minutes of inactivity (0.5 W power consumption)
- Wall-mount brackets included for easy installation
- Available in black or white

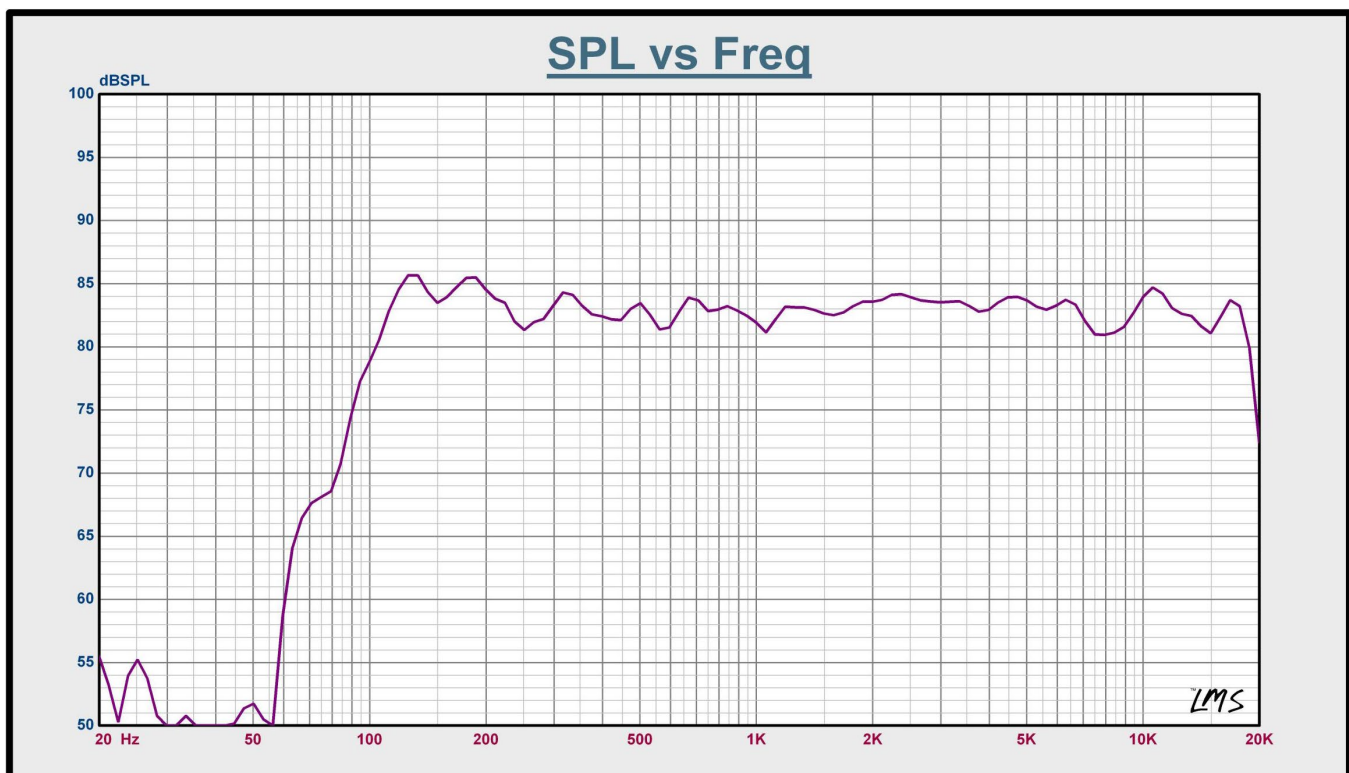


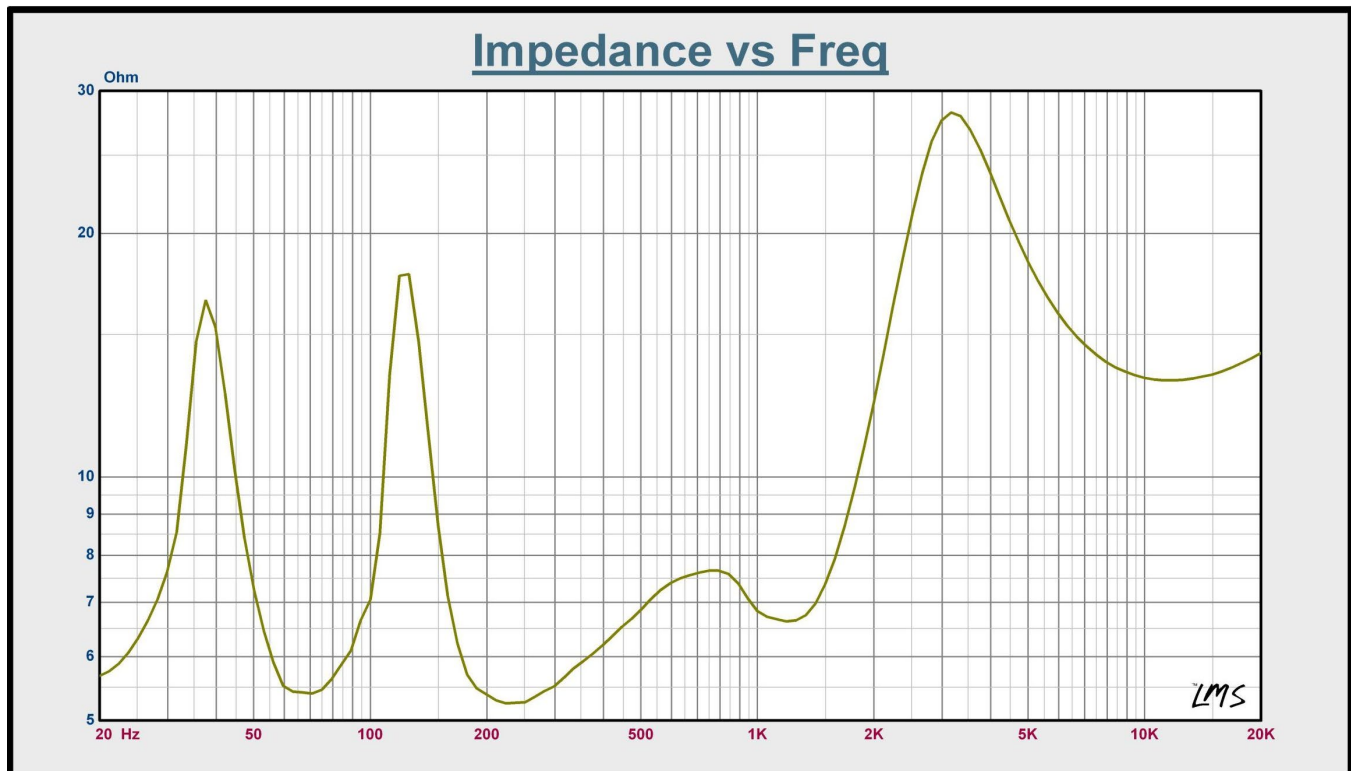
Specifications:

General specifications		
Frequency Response	60Hz~20KHz@-10dB, 70Hz ~20kHz@-3dB	
Sensitivity	87dB	
Rated Power	2 × 50 Watt (4Ω)	
Nominal Coverage Angle	Horizontal 90 × Veitical 60 @ -6dB	
Max SPL (sound pressure level) 1m distance	104dB	
Power Supply	110~240 Volt AC	
Power Consumption	Working ≡ 150 Watt, Standby ≡ 0.5Watt	
Signal In	1 × RCA, 1 × Optical, 1 × USB	
Signal Out	1 × LOOP & 1 × SUB OUT	
Speaker Output	2 PIN Phonenix	
Dimensions (W × D × H)	160 × 145 × 260mm	
Physcial specifications		
Component	Bass	5.25"
	Tweeter	1.0"
Material	Enclosure	Plastic
	Mounting panel	Aluminum mesh & installation bracket
Color	Black / White	
Unit Weight	2.67kg	
Gross Weight	13.1kg / 4pcs	
Packing Dimension	57.5 × 49 × 32.5CM	
Accessories	Remote control, aluminum stand, AC power cord	
Woofer speaker specifications		
Voice Coil Sizs	25.9 × 0.23mm EISV / 2 Layer CW	
DC Impedance	4.2Ω	
Former	ASV	

Magnet	90 × 32 × 16 Y30
Basket	Iron
Cone Material	Paper cone with PP coating, rubber surround
Spider	65%PET + 35%COTTON
Net Weight	1.05Kg
Tweeter speaker specifications	
Voice Coil Sizs	25.5 × 0.10 EISV / 2 Layer CCAW
DC Impedance	7.2Ω
Former	KATON
Magnet	24.5 × 3.5 N35
Cone Material	Silk surround + Titanium
Net Weight	0.0485Kg

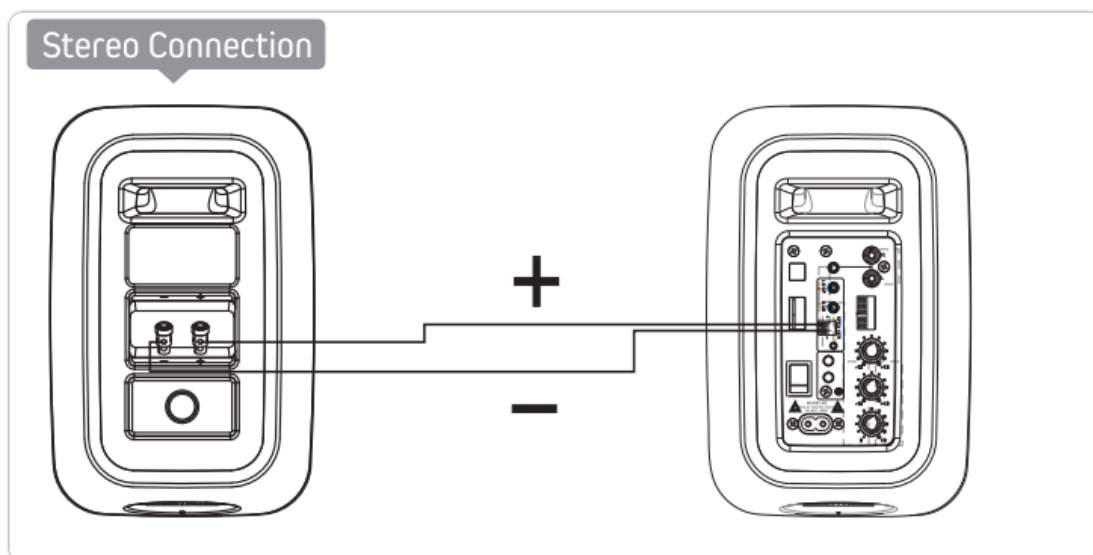
Performance Graphs:





Connection:

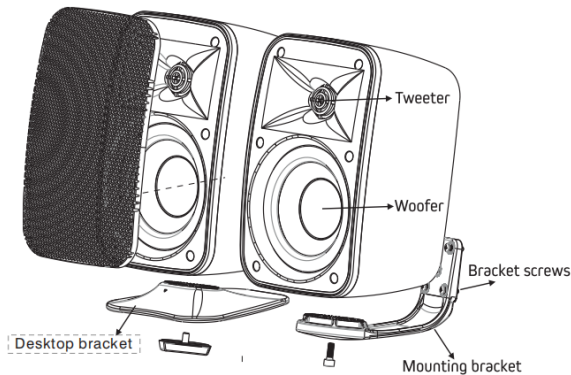
Use wire on the back of the speaker in the output tab of the amplifier (or amplifiers of radio). The speaker wire is on one side red and on the other one black. Connect to the red side of the amplifier and speaker (+) tab. Connect one end of the black side (-) in the other tab. Connect each speaker to make sure that is not (+,-) inverted polarity. If the polarity of the speakers is reversed, the sound will be unnatural and will play without bass.



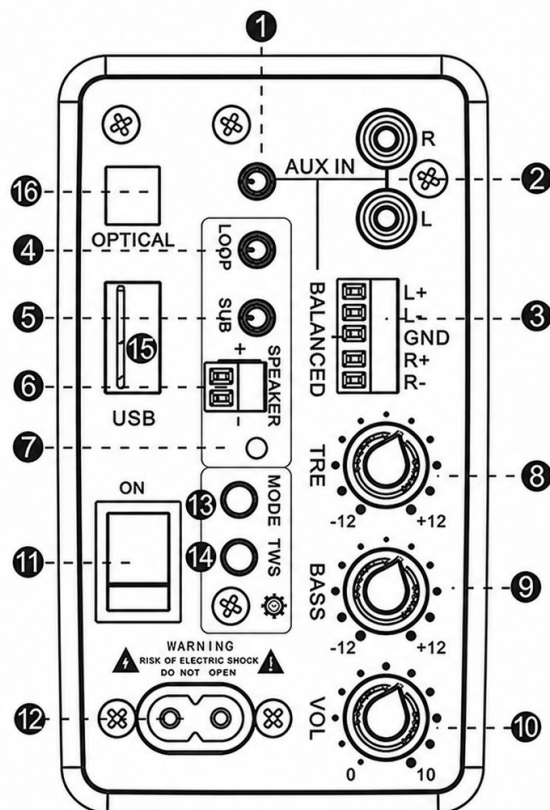
Place or Install Safety:

The mounting bracket is compatible with both wall-mounted and ceiling-mounted speakers. Depending on the speaker model, the mounting screws on the rear of the speaker may or may not be required.

1. Position the mounting bracket in the desired location and use it as a template to mark the mounting hole positions.
2. Using appropriate mounting hardware and tools (not supplied), securely fasten the bracket to the wall or ceiling. Ensure the mounting surface and fixings are suitable for the speaker's weight.
3. Attach the speaker to the bracket using the appropriate screws and washers, as required for your speaker model. Tighten all fasteners securely to ensure the speaker is safely mounted.



Rear Panel Descriptions:



- 1 AUX-3.5mm Input
- 2 AUX-Rca Input
- 3 AUX-Balanced Input
- 4 Loop Output
- 5 Sub Output
- 6 Speaker Output
- 7 LED indicator
- 8 Treble Control
- 9 Bass Control
- 10 Volume Control
- 11 Power Switch
- 12 Power Input Socket
- 13 Mp3 - Mode
- 14 Bluetooth -Tws
- 15 Mp3 - Usb Slot
- 16 Optical Input



Remark:

- **LOOP:** Signal output, connect to active amplifiers.
- **SUB:** Bass output, connect to active amplifiers (SUB amplifier is better).
- **Speaker Output:** Connect to passive speakers.
- **LED Indicator:** Blue during normal operation, red in standby mode. Automatically enters standby mode after 5 minutes without signal.
- **Mode Button:** Cycles through available audio sources - Bluetooth/Optical/USB/AUX. Note: USB mode is only accessible when a USB storage device is connected. If no device is detected, the system will automatically skip USB mode and proceed to the next available source. Note: 3.5mm, RCA, and Balanced inputs are all categorized under AUX mode.
- **Bluetooth TWS Pairing:** To connect the two main speakers via Bluetooth, first set both speakers to Bluetooth mode. Connect your mobile device to one of the speakers initially. After a successful connection, long-press the TWS button on the other speaker for over 3 seconds to enable automatic pairing between the two units. (Note: A single short press of the TWS button is used for play/pause control.) The speaker initially connected to the mobile device serves as the left channel, while the other functions as the right channel.

- **Special Function: Mode Blocking:** This unit can disable USB playback mode and Bluetooth playback mode. Operation procedure (in AUX mode):

Enter 000000 on the remote control to toggle USB mode on/off.

Enter 111111 on the remote control to toggle Bluetooth mode on/off When USB or Bluetooth mode is disabled.

Mode switching will automatically skip the disabled mode(s). The speaker will audibly announce: "USB disabled" or "Bluetooth disabled" (Note: This function supports temporary blocking of specific sources without affecting other input signals.).

Safety Instructions:

1. When the speakers are installed in the wall, ensure the wall structure is reliable and that the speakers are firmly attached.
2. Install the speaker in a location that can structurally support the weight of the speaker and its mounting hardware. Otherwise, it may result in the unit falling down and causing personal injury.
3. Do not use nails, adhesives or other unauthorized devices. Long-term use and vibrations may cause it to fall easily.
4. Do not touch or bump the woofer and tweeter. If these are damaged, the sound will be distorted.
5. Do not listen to sound at a very high level when you are changing the input source (for example, to tune FM / CD) installation or removal of cables should make sure that the power amp / amplifier device radio is turned off.