



USER MANUAL

A6/A212SA



The content of this manual may differ slightly from the actual product, and any changes will not be notified separately. Please refer to the actual product for accuracy!

Register the product and receive support on the following website

Precautions

1. Before using this speaker system, please read the user manual carefully so that you can operate the speaker system correctly. After reading through, please keep it properly for future reference.
2. Excessive input power may damage the speaker, please keep the power within the specified range.
3. Do not use low-power amplifiers to produce high volume sound, as it will rapidly increase harmonic distortion and may damage the speaker. Please avoid touching the diaphragm and suspension of the speaker unit as they are prone to damage.
4. Once there is sound distortion, please immediately reduce the volume of the amplifier. Before connecting this device, please turn off the power of all devices.
5. Please do not place glass, ceramic, or water containers on this machine.
6. Please do not sit on the speaker and pay special attention to children. Collapse and damage may lead to injury.
7. Please do not install the speaker in direct sunlight or very humid environments.
8. Please place the speaker away from the TV.

Speaker maintenance

Please use a soft cloth to wipe away dust and dirt during cleaning. If it is very dirty, please wipe it with a soft cloth dipped in warm water. Do not use diluents or alcohol.

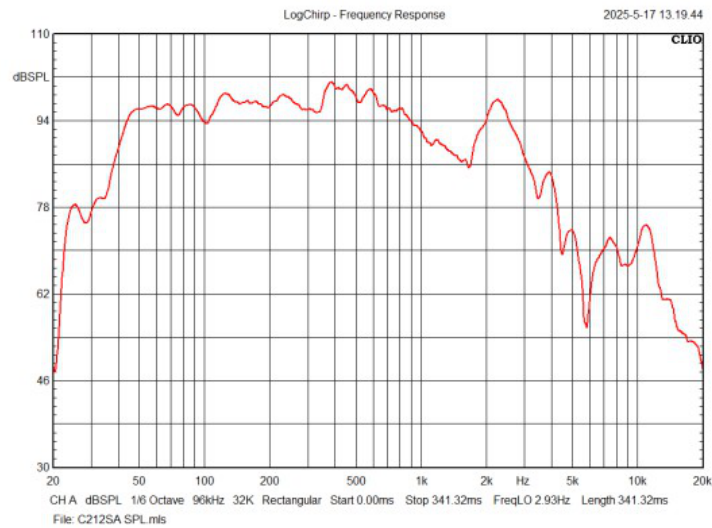
If the speaker is too close to the TV, the color of the TV may become blurry. If this situation occurs, please turn off the TV and then turn it back on after 15 to 30 minutes



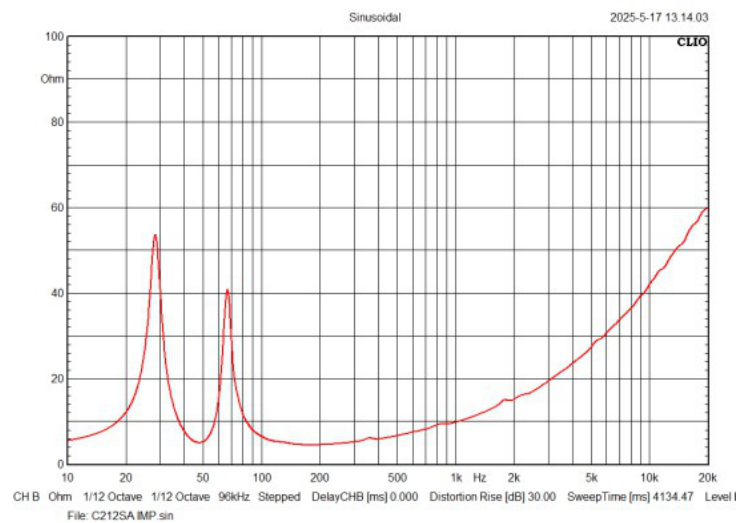
warning

- Please use installation parts that can fully withstand the load
- This product is only installed by personnel with professional installation qualifications. We do not assume any responsibility for accidents, injuries, or damages caused by incorrect installation or modification

The frequency response:



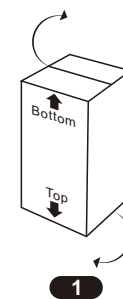
impedance:



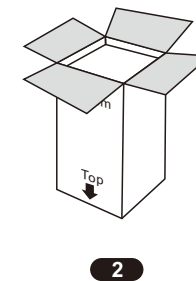
Beginner's Guide

Congratulations on purchasing the A6/A212 series We know you are eager to start and run as soon as possible, and the following conten twill help you set it up as soon as possible.

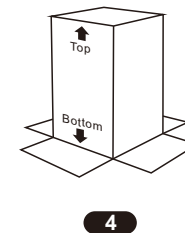
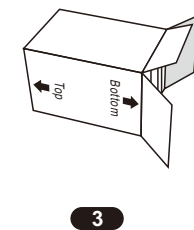
Unpacking



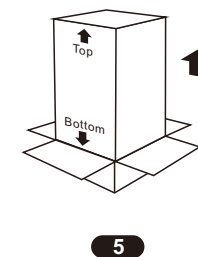
Flip the box/package at the bottom of its top opening, for example, support thebox/wrap it on the ground with the bottom facing upwards.



Carefully place the box/ packaging on the side.



Lift and flip the box/package securely at the bottom, such as with the top facingupwards.



Carefully lift to remove the box/package to expose the speaker

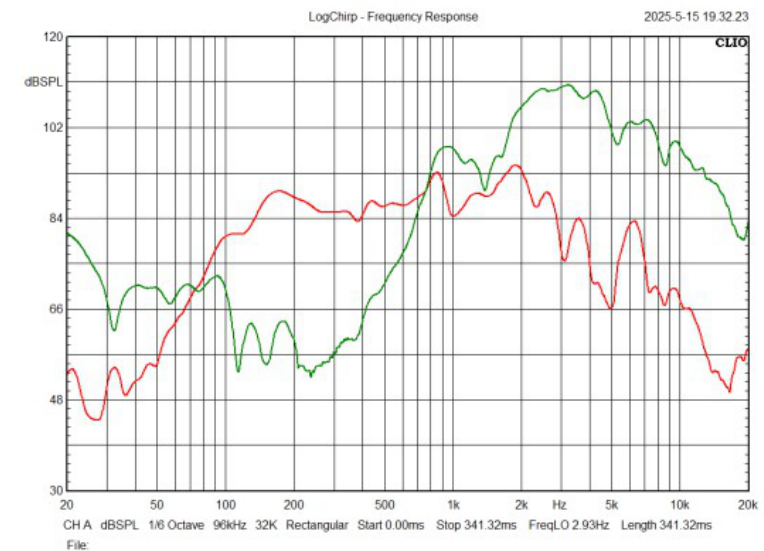
A6 SERIES

Product description

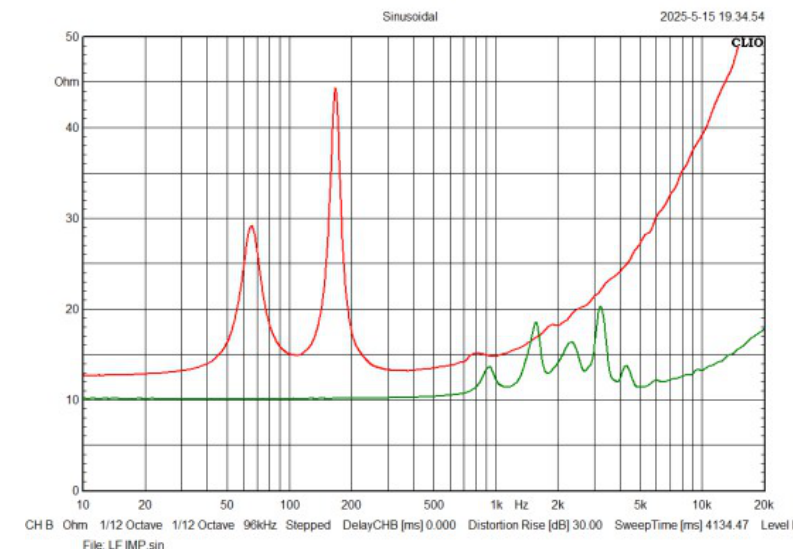
A6 is a single 6-inch coaxial point source linear array speaker. A6 is a speaker system that integrates coaxial unit technology and the advantages of line array sound reinforcement; the tweeter and woofer are arranged coaxially to ensure that the sound source points coincide, reduce phase interference, and enhance the sense of positioning and clarity of the sound. The coaxial structure makes the radiation direction of high and low frequency sound waves consistent, avoiding the coverage blind area caused by frequency band separation, which is especially suitable for the restoration of vocals and musical instrument details. It supports vertical stacking or horizontal array combination of multiple cabinets, and flexibly adjusts the coverage angle and sound pressure level. The 6.5-inch mid-low frequency unit takes into account the low frequency dive (about 100Hz) and the fullness of the mid-frequency, and the high frequency unit (with a 1-inch throat compression driver) extends to 18-20kHz to meet the full frequency requirements. Compared with larger size line arrays, it is small in size and light in weight, suitable for small and medium-sized scenes such as mobile performances, multi-function halls, and churches.

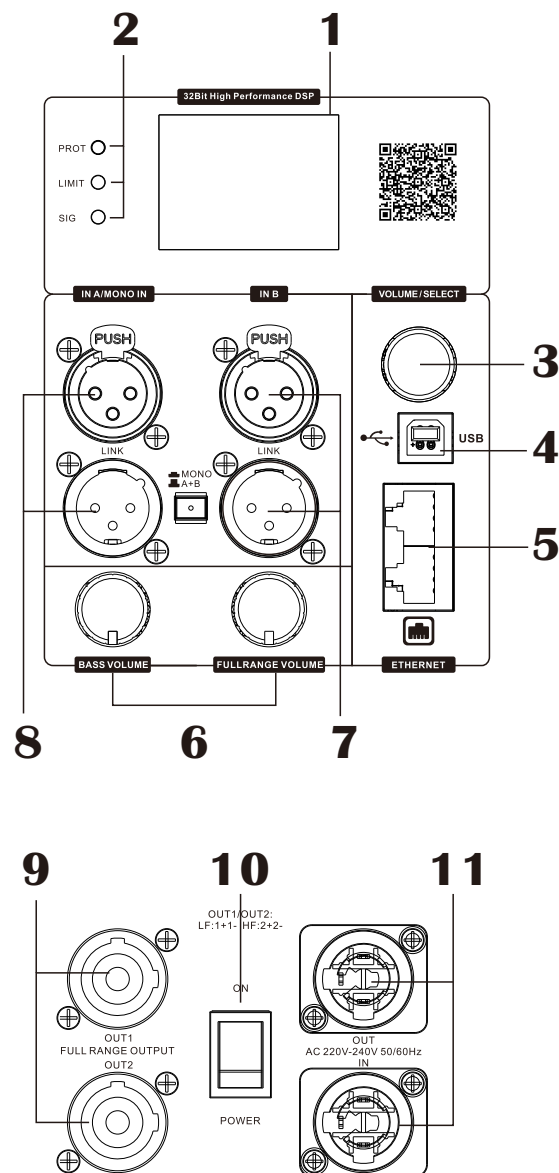


The frequency response:



impedance:

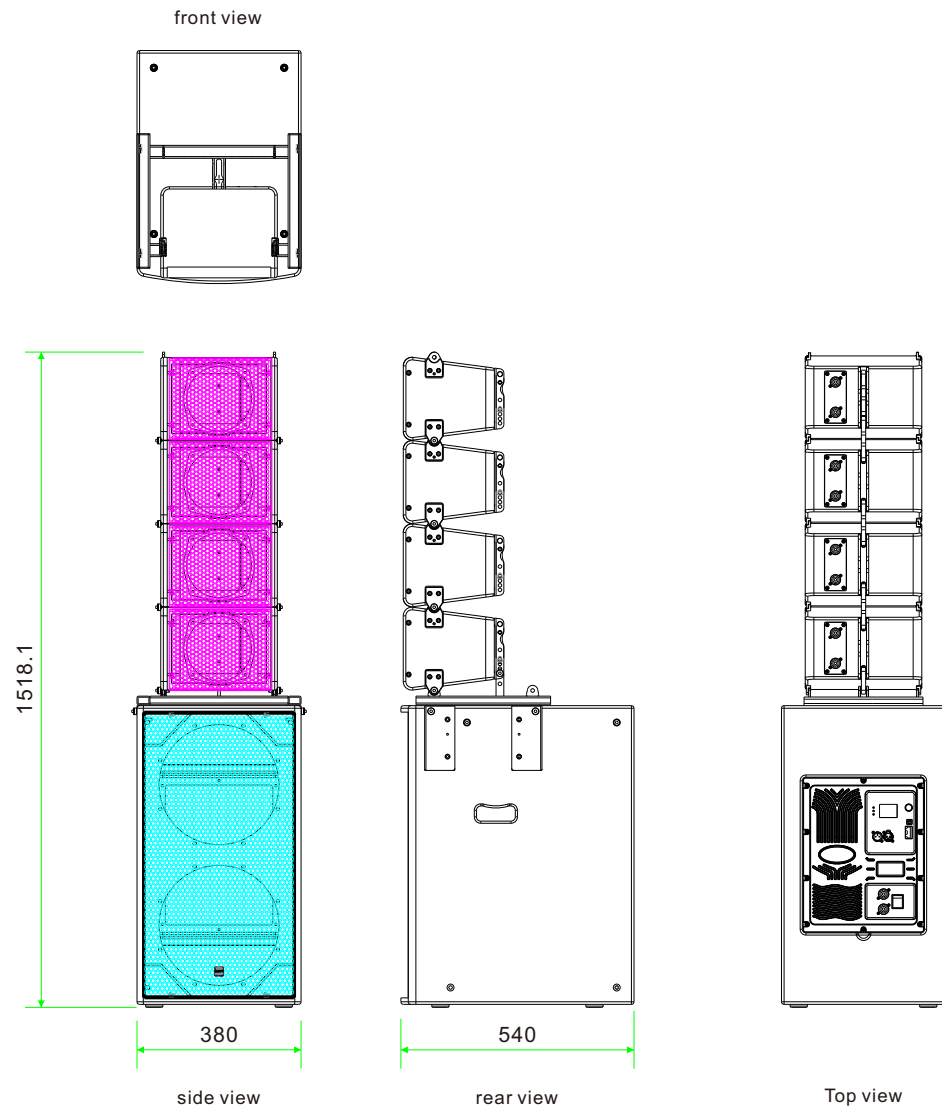




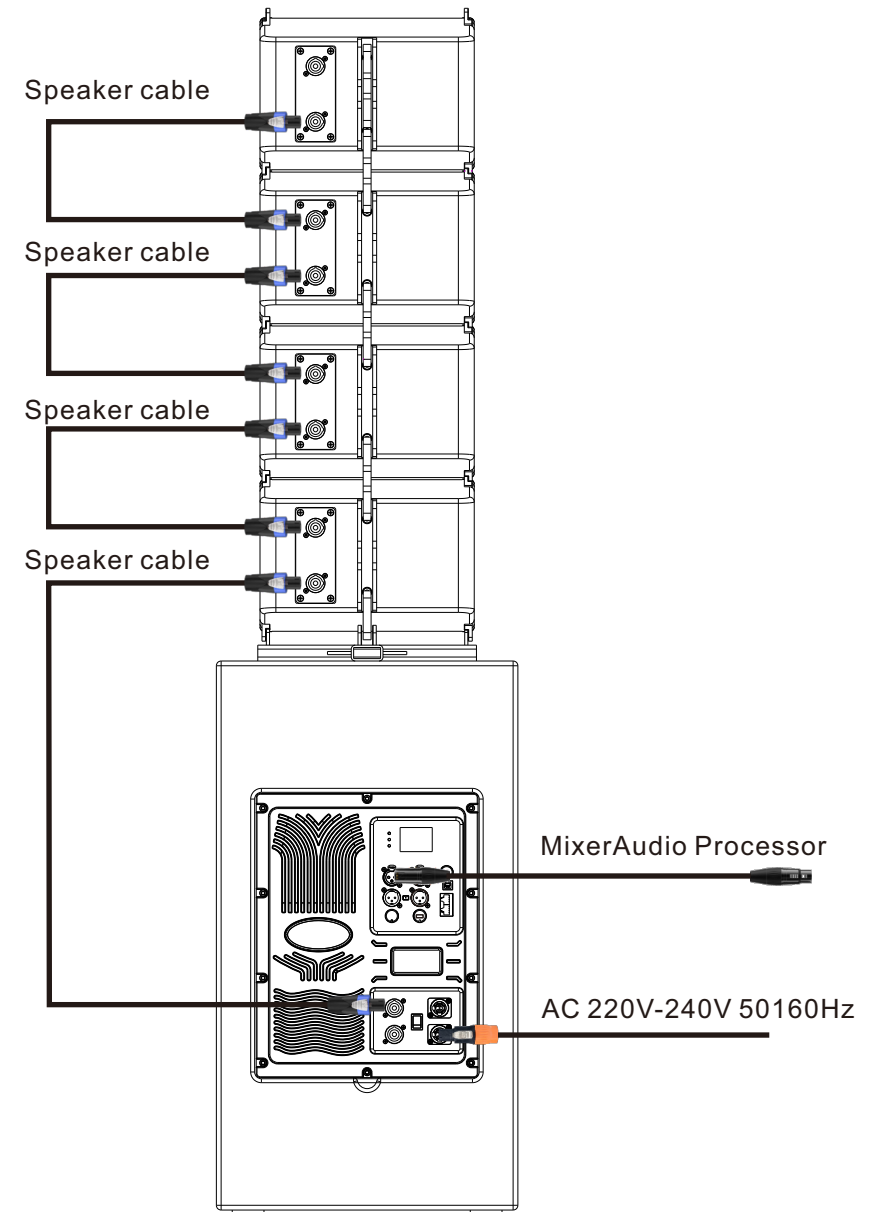
Module panel function description:

1. LCD display: Display current preset
2. Limiting Lamp; Protection Lamp; signal lamp
3. Call program knob: 1-20 presets, press to confirm
4. USB interface: USB interface for connecting computer software
5. Ethernet: Network Interface
6. Bass/full-range volume control knob
7. XLR connecting: IN B
8. XLR connecting: IN A/MONO IN

Product model	A6/A212SA
Drivers	LF:2 x12"(300mm) bass unit (3" voice coil)
	MLF:1x6.5"(178mm)(1.52" voice coil)
	HF:1x1.5"(38mm),1"throat compression drive unit
Frequency response range(-6dB)	LF:40Hz~300Hz MLF:100Hz~2KHz HF:2KHz~18.5KHz
Horn coverage range(-6dB)	Hor.90°x Vert.15°
	vertical angle adjustable with the number and curvature of speakers
sensitivity(dB/1m/1W)	LF:98dB MLF:93dB HF:104dB
MAX SPL	LF:127.6dB(continuous)/133.6dB(peak)
	MLF:116dB (continuous)/120dB (peak)
	HF:122dB(continuous)/128dB(peak)
Rated power (AES)	LF:900W MLF:120W HF:60W
Maximum power (PEAK)	LF:3600W MLF:480W HF:240W
Nominal impedance	LF:4Ω MLF:16Ω HF:16Ω
Power amplifier type	Three channel D-class power amplifier
Frequency response(0/-0.5)	20Hz~20KHz(Amplifier)
Power amplifier total power (4Ω load)	3000W
Power of each output channel (4Q load)	LF:1800W MLF:600W HF:600W
signal to Noise Ratio (s/N)	≥95dB(A weighted)
Harmonic distortion (T.H.D)	≤ 0.05%;
Damping coefficient	500
DSP sampling rate	96k/24bit
DsP input channel	2 in 3 out;
Output circuit type	Class D
Input sensitivity	33.7dB
Input/output interface	XLR-F/M
Amplifier output interfaces	Two four core professional speaker sockets
	MLF:Out1+1- HF:Out 2+2-
Input working voltage	AC220-240V,50Hz/60Hz
Product dimensions	C212SA:700x 380x540 mm(height including foot pad)
Net weight	C6:196 x 270 x211(excluding suspension dimensions)
	C212SA:42.0Kg C6:5.6Kg



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