



USER MANUAL

C1/C212A



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.

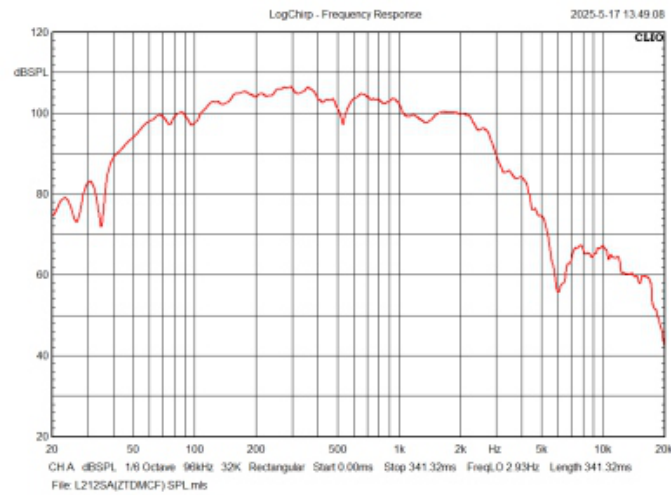
If the speaker is too close to the TV, the color of the TV may become blurry. If this situation occurs, please turn off the TV and then turn it back on after 15 to 30 minutes



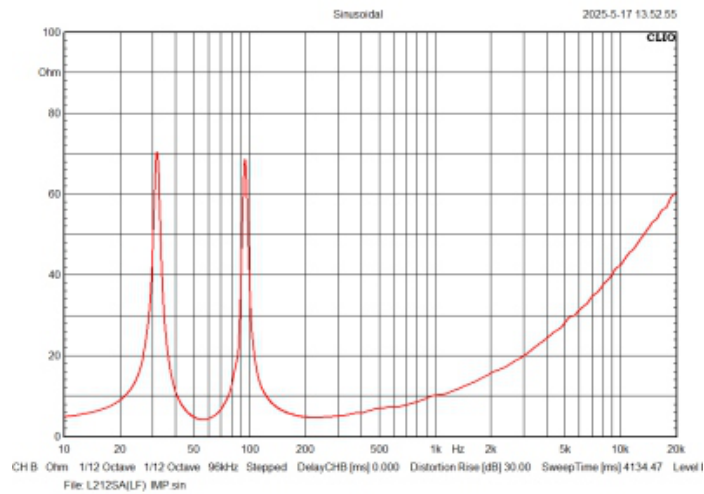
warning

- 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:



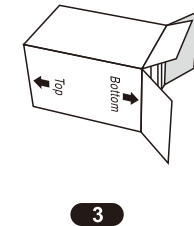
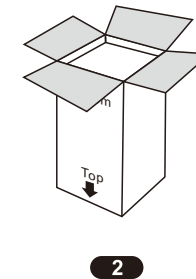
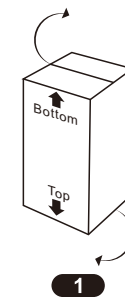
impedance:



Beginner's Guide

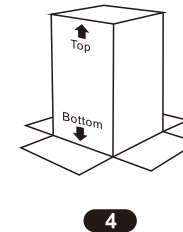
Congratulations on purchasing the C1/C212A series. We know you are eager to start and run as soon as possible, and the following content will help you set it up as soon as possible.

Unpacking

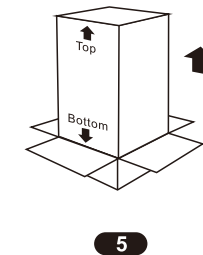


Flip the box/package at the bottom of its top opening, for example, support the box/wrap it on the ground with the bottom facing upwards.

Carefully place the box/packaging on the side.



Lift and flip the box/packaging securely at the bottom, such as with the top facing upwards.



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

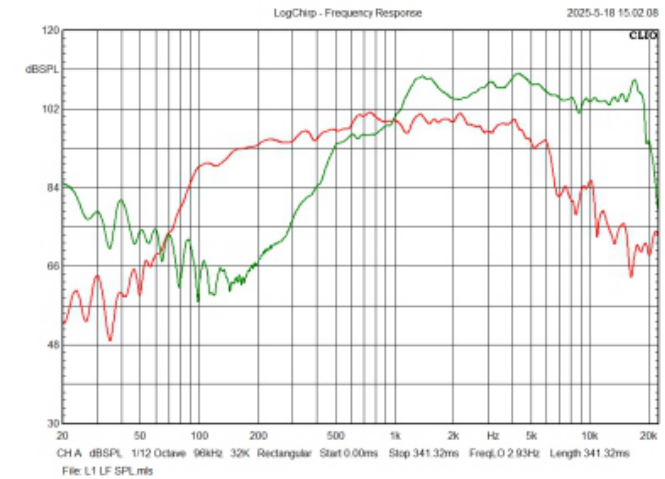
C1 SERIES

Product description

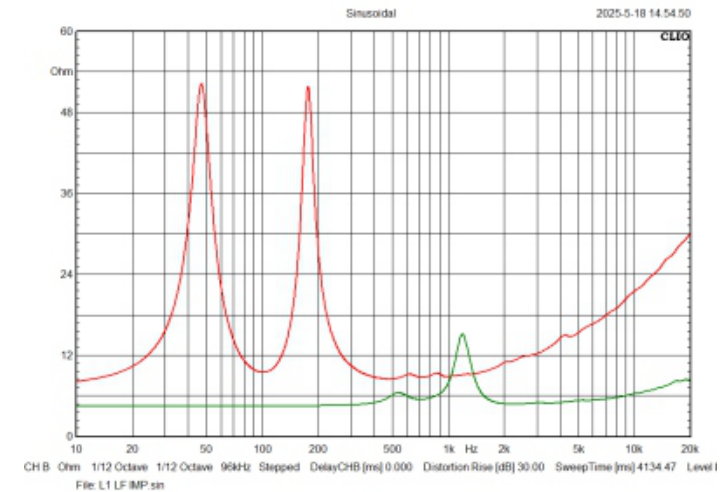
C1 is a new type of sound system, combining the advantages of linesource technology with a plug-and-play approach, designed for professional sound reinforcement and high-end venue applications. C1 is equipped with four 5" woofers, providing a usable bandwidth of 100Hz and three 1" throat compression drivers, loaded with planewaves. This transducer arrangement produces a Hor. 110° x Vert. 30° directivity pattern, optimized for wide horizontal coverage with extended projection capabilities. Its matching C212A active subwoofer uses two 12" high-power and high-dynamic woofers, designed to provide low-frequency dynamics and extended bandwidth as low as 45Hz. Built-in powerful DSP processor with gain, frequency division, equalization, FIR, delay, compression, program memory and other functions. You can choose the factory preset program design or optimize the settings yourself. L1 and C212SA use automatic connection plug-and-play audio and physical links, which are easy and quick to install. Applicable to: small and medium-sized mobile performances, cocktail parties, press conferences, band performances, multi-function halls, churches, auditoriums, theaters, theme parks, museums, lounge bars and hotels and other applications.

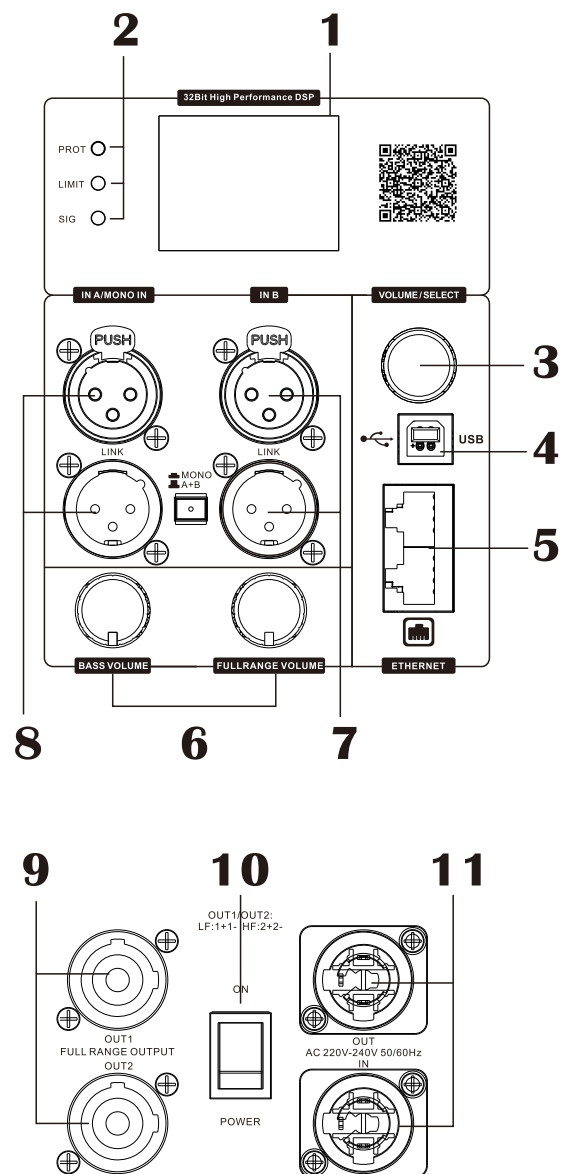


The frequency response:



impedance:





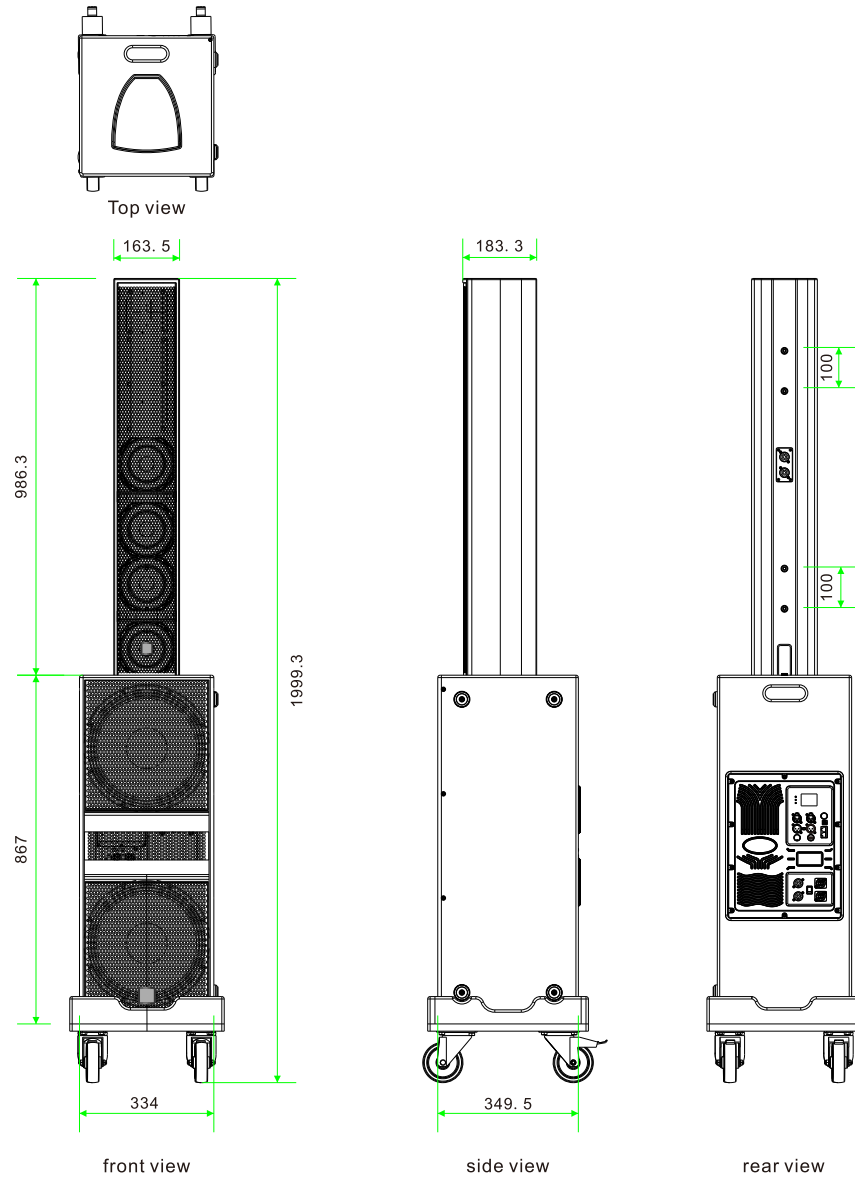
Module panel function description:

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

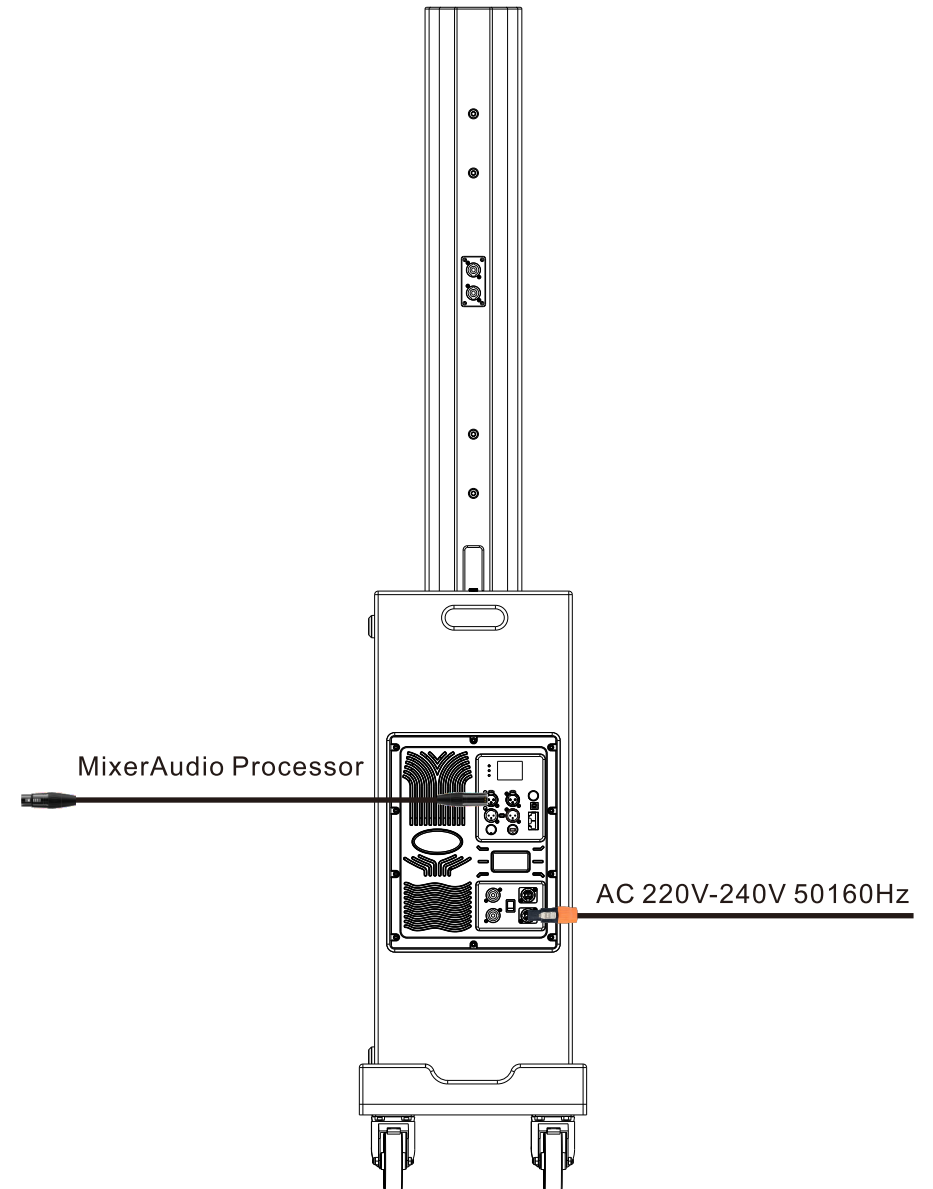
9. Speaker wiring interface
10. Power switch
11. Power interface

Product model	C1/C212A
Drivers	LF:2x12"(300mm)(3~Voice coil)
	MLF:4x5"(178mm)(1.8"Voice coil)
	HF:3x1.4"(36mm)(1" Throat compression driver tweeter)
Frequency response range(-6dB)	LF:45Hz~300Hz MLF:100Hz~3KHz HF:2KHz~20KHz
Horn coverage range (-6dB)	Hor.110 °x Vert.30 °
sensitivity(dB/1m/1w)	LF:100dB MLF:101dB HF:108dB
MAX SPL	LF:129dB (continuous)/135dB (peak)
	MLF:128dB (continuous)/134dB (peak)
	HF:131dB (continuous)/137dB (peak)
Rated power (AES)	LF:900W MLF:480W HF:180W
Maximum power (PEAK)	LF:3600W MLF:1920W HF:720W
Nominal impedance	LF:4Ω MLF:8Ω HF:6Ω
Power amplifier type	Three channel D-class power amplifier
Frequency response(0/-0.5)	20Hz~20KHz(Amplifier)
Power amplifier total power (4Q 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	L212SA:852x334x350mm L1:1001 x164 x184
Total Neight Weight:	64.6Kg

C1/C212A



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