



Mobile



18" woofer



Built-in
DSP Processor



Built-in
Power Amp



Two-Way
Speaker



Flight Case



All-in-One



Resistant
Surface

Professional Sound System for Basketball Court

Professional Sound System for Basketball Court



- Mobile speakers can be moved anytime and anywhere, arranged and adjusted as needed. During the basketball game, the position and number of speakers can be flexibly adjusted according to the progress of the game and the distribution of the audience to ensure that the audio coverage is balanced and the sound is clear and audible.
- Mobile speakers are usually portable and easy to carry and install. In basketball games, speakers may need to be set up in different locations, such as in-court, grandstand, rest area, etc. Mobile speakers can be quickly installed and disassembled to meet audio needs in different locations quickly and easily.

Application Effect



Indoor Half-court Basketball Court Configuration

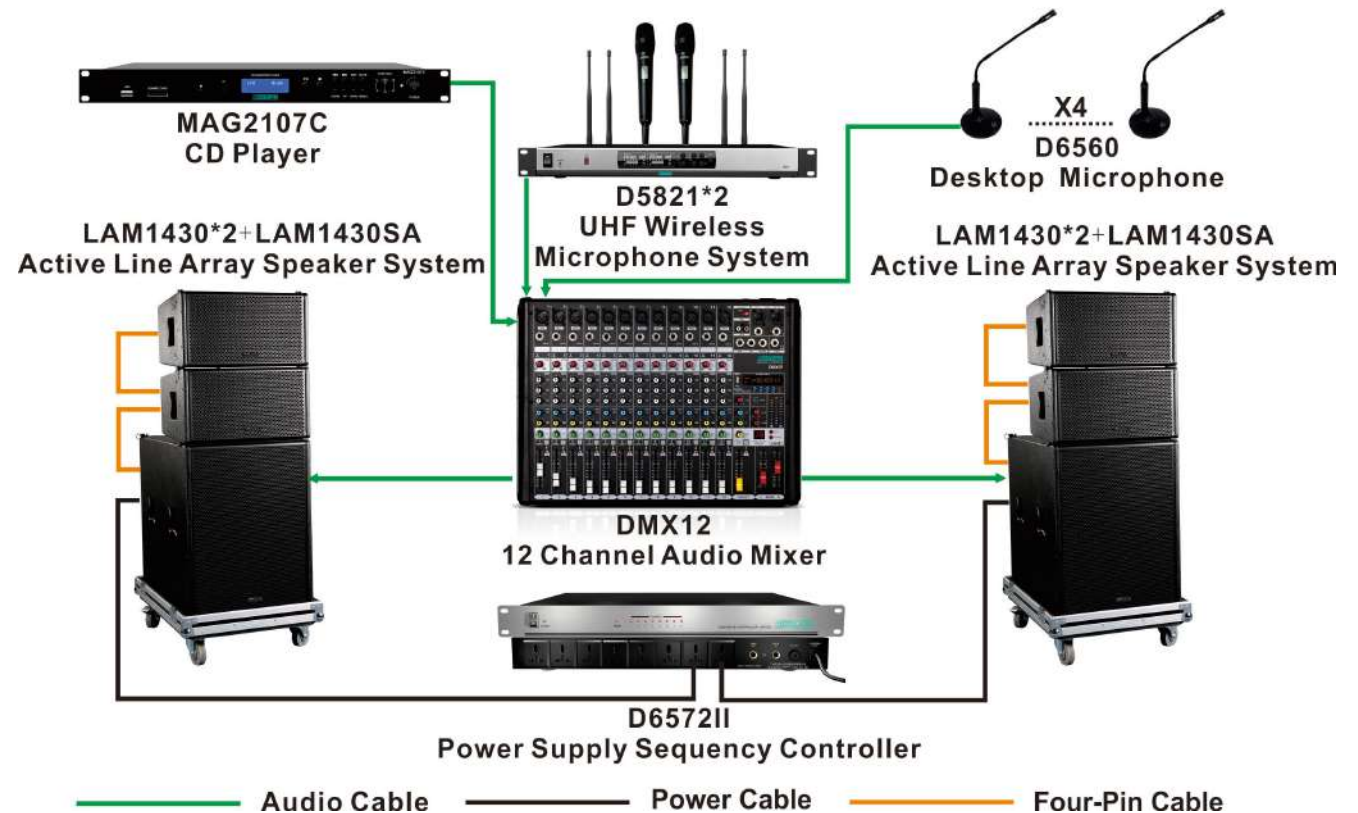
Indoor Basketball Court Area: 420m² (Applicable to half of the basketball court area, it is recommended to configure 4 sets of LAM1430*2+LAM1430SA for full court coverage.)

System Composition: speech system + professional sound reinforcement system.

System Functions: The CD player supports multiple audio playbacks including CD, USB, SD, Bluetooth and radio signals; the handheld microphone is used as mobile audio sound reinforcement, desktop condenser microphone for leaders to speak.

System Advantages: it has flexibility, good sound diffusion effect, high convenience and versatility, etc. for basketball courts It can provide a better audio experience and meet different audio needs.

No.	Model	Product Name	Quantity
Audio System			
1	D5821	UHF Wireless Microphone System	2
2	D6560	Desktop Microphone	4
3	MAG2107C	CD Player	1
4	DMX12	12 Channel Audio Mixer	1
5	LAM1430	350W Two-Way Passive Array Full Range Speaker	4
6	LAM1430SA	800W 18" Active Subwoofer	2
Peripheral Device			
1	LAM142	Speaker Mobile Cabinet	2
2	D6572II	Power Supply Sequency Controller	1
3	LAM140	Connect Cable	4
4	MP15U	Device Mobile Cabinet	1



Indoor Basketball Court Configuration

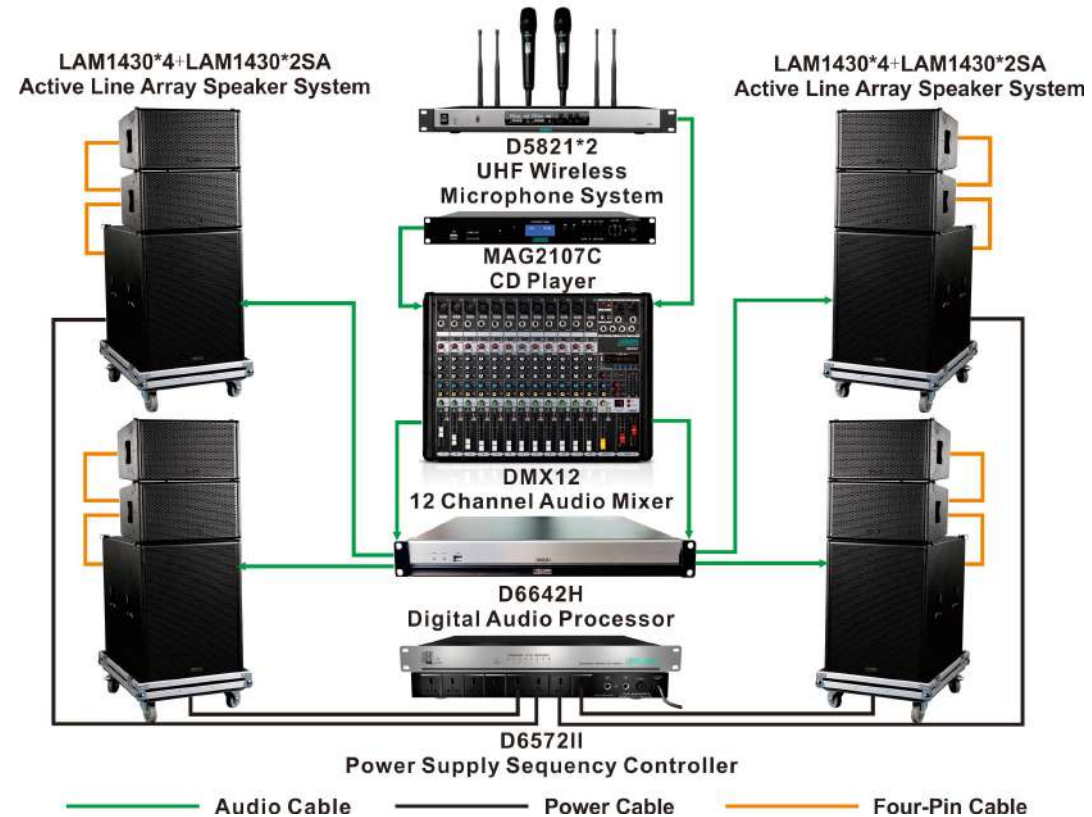
Indoor Basketball Court Area: 420m²

System Composition: speech system + professional sound reinforcement system.

System Functions: The CD player supports multiple audio playbacks including CD, USB, SD, Bluetooth and radio signals; the handheld microphone is used as mobile audio sound reinforcement.

System Advantages: it has flexibility, good sound diffusion effect, high convenience and versatility, etc. for basketball courts It can provide a better audio experience and meet different audio needs.

No.	Model	Product Name	Quantity
Audio System			
1	D5821	UHF Wireless Microphone System	2
2	MAG2107C	CD Player	1
3	DMX12	12 Channel Audio Mixer	1
4	D6642H	Digital Audio Processor	1
5	LAM1430	350W Two-Way Passive Array Full Range Speaker	8
6	LAM1430SA	800W 18" Active Subwoofer	4
Peripheral Device			
1	LAM142	Speaker Mobile Cabinet	4
2	D6572II	Power Supply Sequency Controller	1
3	LAM140	Connect Cable	8
4	MP15U	Device Mobile Cabinet	1



Function Features

(Active Line Array Speaker System) LAM1430*2+LAM1430SA

- Built-in processor (DSP) small line array sound system.
- Small size, beautiful shape, equipped with special aviation box, high mobility.
- Integrated design and installation, extremely easy to use.
- Wear-resistant surface treatment, all aluminum pendant.



Model	LAM1430
Driver Unit	10"MF×1, 1.4"HF×2
Frequency Response	65 Hz –18 kHz
Sensitivity	MF: 96±2dB/HF: 104±2dB
Max. SPL	MF: 120±2dB/HF: 126±2dB
Continuous Power (AES)	MF: 350W/HF: 120W
Rated Impedance	MF: 4Ω/HF: 16Ω
Individual Speaker Directivity (H×V)	100° ×10°
Color	Black
Dimension (W×H×D)	500mm×296mm×342mm
Weight	20kg

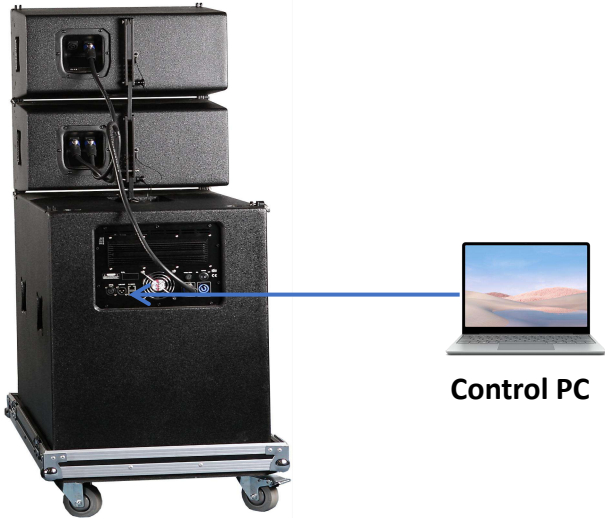
Model	LAM1430SA
Driver Unit	18" woofer×1
Frequency Response	38 Hz –220 Hz
Speaker Sensitivity (1m, 1W)	99±2dB
Max. SPL	127±2dB
Active Signal Input Impedance	20 kΩ
Amplifier Power	1500W+900W+900W@4Ω
Continuous Power	800W (AES)
Amplifier Input Sensitivity	0.775V
Amplifier Distortion	<0.05%
Working Voltage	AC220V~50/60Hz
Color	Black
Dimensions (W×H×D)	500mm×650mm×705mm
Weight	48kg

Function Advantages



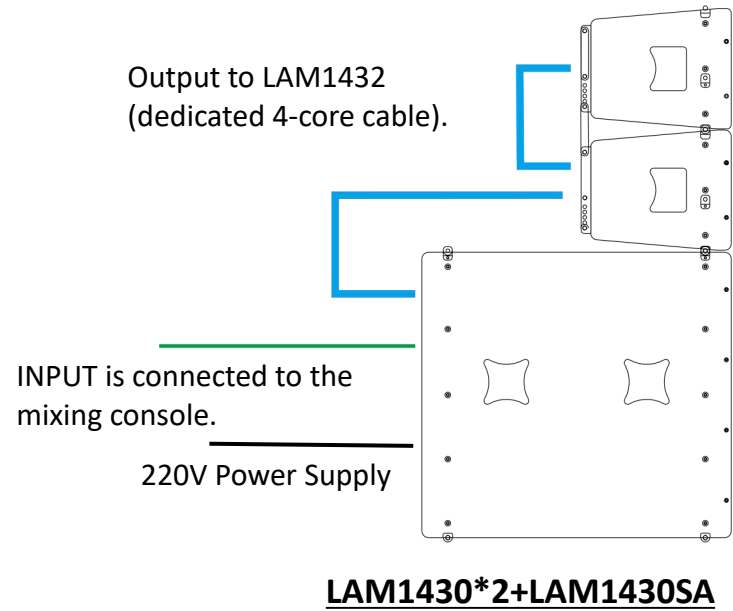
Remote PC Control

- Built-in DSP module, the equalizer settings and system parameters are adjusted by connecting the RS485 interface to the computer.



LAM1430*2+LAM1430SA

Built-in Three-channel Digital Power Amplifier Module



Product Features

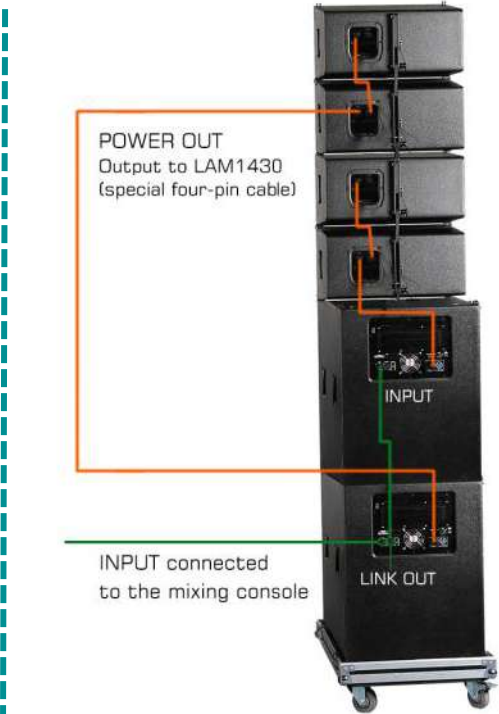


Two Stacking Installation Methods

Single Connection (Can be used for mobile performances or floor stacking)

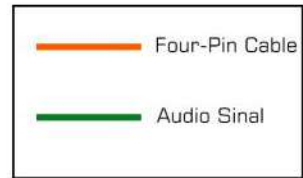


LAM1430*2+LAM1430SA



LAM1430*4+LAM1430SA*2

Stacking Connections for Two Sets (Only for floor stacking)



Peripheral Equipment



LAM140 (Connect Cable)

- Optional length 170cm and 70cm.
- For connecting active subwoofer and passive full-range speaker.
- Dedicated 4-core cable



LAM142 (Mobile Cabinet)



- For installation and transportation of the LAM1430 line array series.

D607G (Connecting Bracket)



- Length:100cm
- For installing connections between mobile line array series full-frequency speakers and low-frequency speakers.



Connection Effect

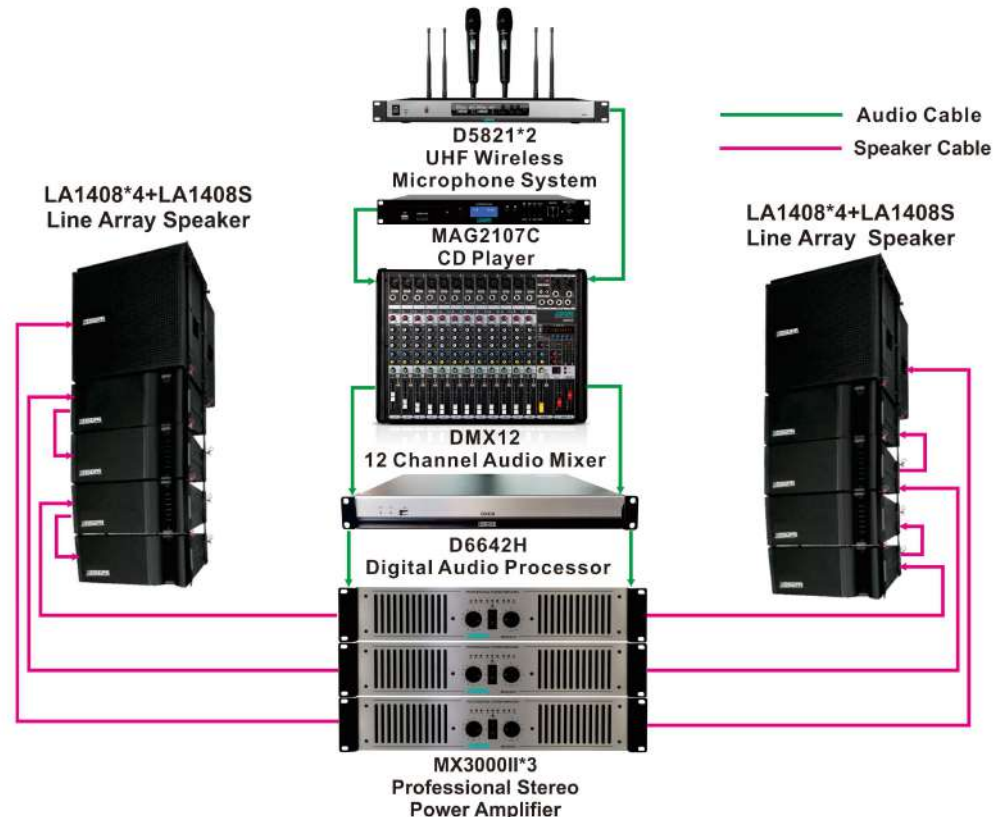
Basketball Court Configuration-Combined Hanging Installation)

Indoor Basketball Court Area: 300 m²

System Composition: speech system + professional sound reinforcement system.

Recommended Product LA1408*4+LA1408S

No.	Model	Product Name	Quantity
Audio System			
1	D5821	UHF Wireless Microphone System	2
2	MAG2107C	CD Player	1
2	DMX12	12 Channel Audio Mixer	1
3	D6642H	Digital Audio Processor	1
4	MX3000II	Professional Stereo Power Amplifier	3
5	LA1408	200W Passive Array Full Range Speaker	8
6	LA1408S	400W Passive Array Subwoofer	2
Peripheral Device			
1	LA1408D	Installation Bracket for LA1408 & LA1408S	2
2	D6572II	Power Supply Sequency Controller	1
3	MP40U	Device Mobile Cabinet	1



On-site Installation Effect

Gynasium: around 300m² (Length 15m Width 15m Height 7m)

LA1408*4+LA1408S



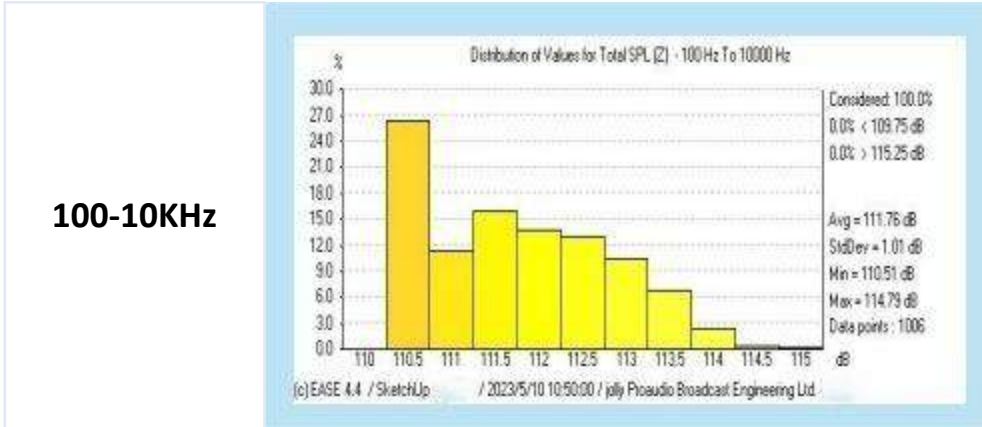
- System Function: The CD player supports multiple audio playbacks including CD, USB, SD, Bluetooth and radio signals; the handheld microphone is used as mobile audio sound reinforcement.
- System Advantages: it has flexibility, good sound diffusion effect, high convenience and versatility, etc. for basketball courts It can provide a better audio experience and meet different audio needs.
- Meet the national standards for sound average sound pressure level and sound field unevenness.

Product Highlight

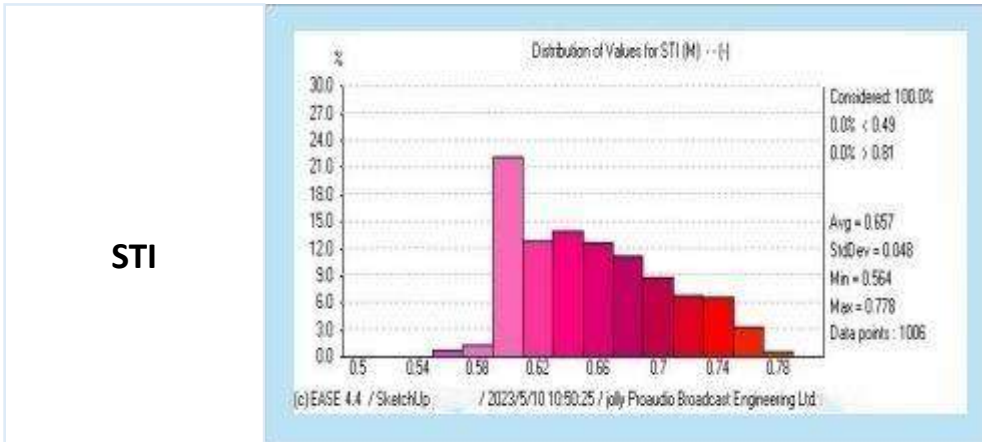


Sound Field Analysis (LA1408*4+LA1408S)

- Through the sound field analysis software (EASE), the test data shows that the mixed sound pressure level is 110.76dB, and the average voice clarity is 0.657.
- The test data meets the national first-class standard for sound average sound pressure level, and the voice clarity is super excellent.



Mixed sound pressure: 110.76dB > 103dB (SPL level I standard)



STI Average: 0.657 > 0.6 (Excellent Speech Clarity Standard)

Product Details



Professional Full-range Array Speaker LA1408



Frequency Response	65Hz-18KHz
Rated Power 200W(AES)	Rated Power 200W(AES)
Sensitivity(1W/m)	95±2dB
MAX. SPL.	118±2dB
Speaker Components	8"woofer ×1, 1.75"tweeter ×1
Rated Impedance	16Ω
Radiation Angle (H×V)	100° ×10°
Color	Black
Net Weight	17.5kg
Dimensions (H×W×D)	210×530×340mm

Design Highlights

- The high-frequency part adopts a wave converter, combined with a British mid-low drive unit with a midrange plug. The treble uses a compression unit with low-distortion titanium composite film. The specially designed high vaulted dome structure increases the strength of the diaphragm and reduces harmonic distortion.
- The woofer adopts a specially developed double voice coil unit. Compared with the traditional single voice coil structure, its heat capacity and voice coil heat dissipation area have doubled. The two reversed voice coils can offset its own inductance and increase the bass frequency of the unit, while maintaining the strength of the bass, reduce low frequency distortion, and expand the low frequency.
- LA1408 and LA1408S make a stacked type curved array system that expands the low frequency and reduces low frequency distortion while maintaining the bass. They can increase the output in 35-50Hz bands and significantly increase the linear stroke.

Professional Array Subwoofer LA1408S



Frequency Response	38Hz-160Hz
Rated Power	500W(AES)
Sensitivity(1W/m)	98±2dB
MAX. SPL.	125±2dB
Speaker Components	15"woofer ×1
Rated Impedance	8Ω
Color	Black
Net Weight	43.4kg
Dimensions (H×W×D)	482×540×530mm

■ Classic Cases



Line array speakers are widely used in concerts, conferences and sports competitions by virtue of their excellent sound effects.



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