

**lemuse**<sup>®</sup>

悦世界 · 乐动听



Block B, Building 1, No.8 Science Ave, Science City,  
Guangzhou, P.R.C

TEL : +8620 66833320      FAX : +8620 66833321

WEB: <http://www.lemuse.cn>

MUSIC WORLD · PASSIONATE SOLUTION

lemuse, music world, passionate solution.

lemuse is aimed to provide total solution to customers.

With the aid of full service and digital technology,

lemuse enjoys best effect.

The “le” part in “lemuse” refers to leafun company which is the leader in the field of culture and technology in China, and the “muse” presents the hope for pursuing beauty and art.

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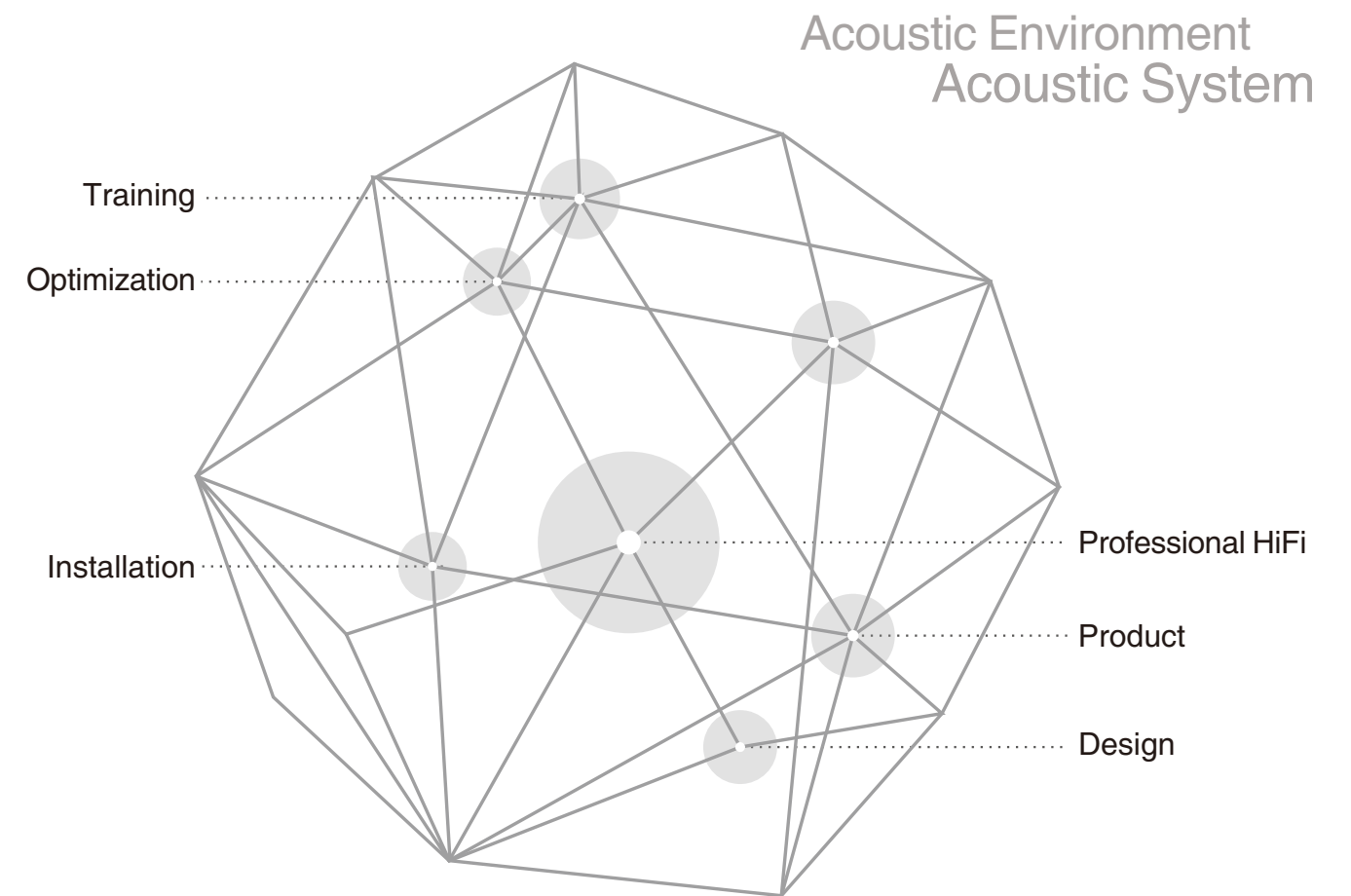


## Brand Concept

lemuse is aimed to provide total solution to customers. With the aid of full service and digital technology, lemuse enjoys best effect. The "le" part in "lemuse" refers to leafun company which is the leader in the field of culture and technology in China, and the "muse" presents the hope for pursuing beauty and art.

lemuse, music world, passionate solution.

## Total Solution





## Patents

BPPA digital audio processor and its speaker processor, smart management system for active speakers, real-time backup of multi-channel and its relevant equipment, directivity control method of PA speaker, multi-channel audio backup system and etc.

Acoustic environment and room simulation V1.0, digital multimedia editing and controlling software V1.0, show control system V1.0, multi-channel audio playback system V1.0, sound field calculation system V1.0, acoustic image simulation analysis system V1.0, processing system of adjustable reverberation V1.0, remote monitoring system V1.0, intelligent real-time audio control system V1.0 and etc.

Intelligent power supply, automatic phantom-select power distribution, multi-functional wire detector, powered speakers, programmable encoder of recognition and processing, matrix keyboard scanning device, variable directivity speakers, integrated high-quality active speakers, active speaker of intelligent noise reduction and high-fidelity, multi-DSP based active speakers, active integrated speaker based on multi-digital signal processing technology.

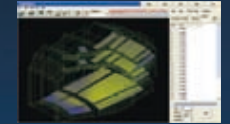
## Cloud Computing

Network Coverage • Cloud Service

- **Cloud Service**  
Standard array auto calibration  
Air Attenuation auto compensation  
sound field prediction and calibration
- **Cloud Compatibility**  
Compatible with operation systems such as windows, iOS and Android.
- **Cloud Management**  
Including speakers' preset updating, parameters updating of standard array, and cloud storage of system parameters, which is effective

Cloud Platform

Remote Monitoring System    Sound Field Prediction System



Sound and Light Show in Canton Tower



Back to Pingyao



Splendid Science City



# Processing Technology

## Sound Quality: Time Domain Technology(TDTech)

The effect of the speakers is reflected in various aspects. So far most of producers mainly concern the index of speakers --- steady-state index like amplitude-frequency response. However the signal is a kind of changing transient signal, only focusing on steady-state index of the speaker can not restore the highly fidelity signal. Consequently, the professionals agreed that a speaker with a flat amplitude-frequency response do not means a good sound quality .Based on lots of testing, we found that the phase frequency response plays an important role among transient index and has significant effect on the speaker.

With the aid of TDTech lemuse can adjust the transient response of the speaker by processing the digital signal so as to achieve a better effect.



Figure 1 shows the radiation diagram of the speaker. In addition to the direct radiation sound (yellow arrow), the reflections sound of box (white arrow) and the vibration sound of the box (blue arrow) all transmit to the audiences together.

According to (Figure 2) TD schematic diagram, there is a certain lag among the direct radiations sound, the reflections sound and the vibration sound of the box. And the different phases lead to sound interference and a comb filter eventually.

With the aid of TDTech lemuse can adjust the signal amplitude and calibrate signal of the time domain, as shows in (Figure 3). Processing the direct radiation sound and others respectively and superposing the signals with the same amplitude but opposite phase which cause sound interference in the time domain to cancel each other out, so as to avoid interfered by direct radiation sound and eliminates the distortion. By calibrating the amplitude and phase of the direct radiation meet the design requirements.

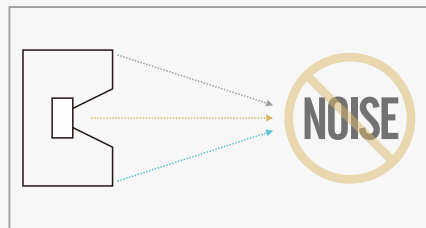


Figure 1 The radiation schematic diagram of the speaker

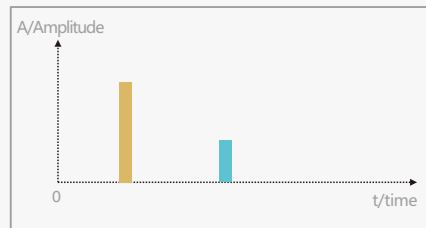


Figure 2 TD analysis schematic diagram

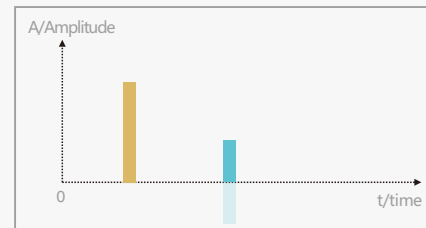


Figure 3 TDTech calibration schematic diagram

With the aid of TDTech the sound of radiation is become more " clean", mainly displays in three aspects. Firstly, the signals of different frequency can restore in the same time; Secondly, there is no other noise interfere in time domain; Thirdly, speakers achieve a flat frequency response. All the aspects grantee speaker a best performance.

# Differential Pressure Control

Transducer of ultra-subwoofer cannot response immediately according to the change of reproducing signal because of inertial impact brought by the transducer's bigger size or heavier weight, which will lead to its weakness of transient response and unclear sound reproduction. According to Figure 1, the delayed transient response happens in both starting and stopping and there is wave distortion.

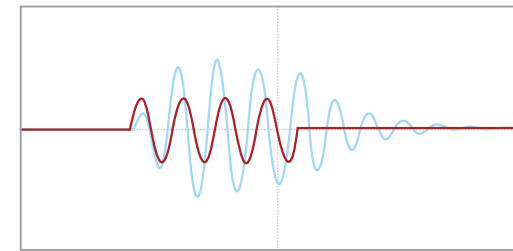


Figure 1 Input and output signal of transducer of ordinary ultra-subwoofer

\*Note: the blue line for input signal and the red for output

Fortunately, it is differential pressure control (DPC) which is a novel control method that become the solution. According to the real-time feedback of differential pressure sensor monitoring transducer's front and back pressure difference, DSP identify calibration algorithm developed by lemuse team will give an offset signal to overcome the inertial impact. The sheme is shown below.

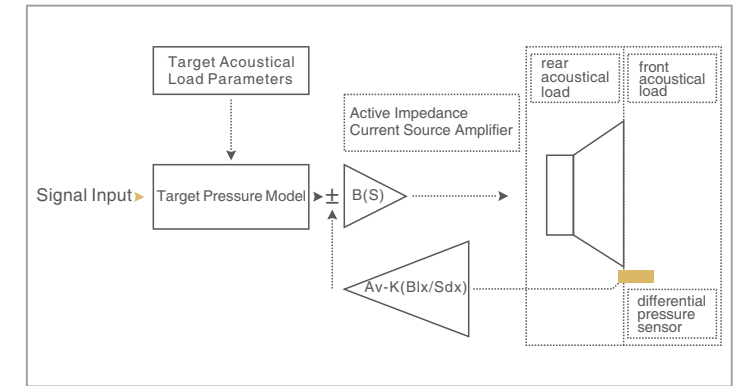


Figure 2 Scheme of Differential Pressure Control

Lemuse ultra-subwoofer using differential pressure control performs well in terms of transient response and clear sound reproduction. The input and output signal is shown in Figure 3 when using differential pressure control.

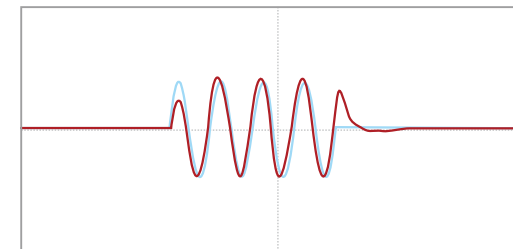
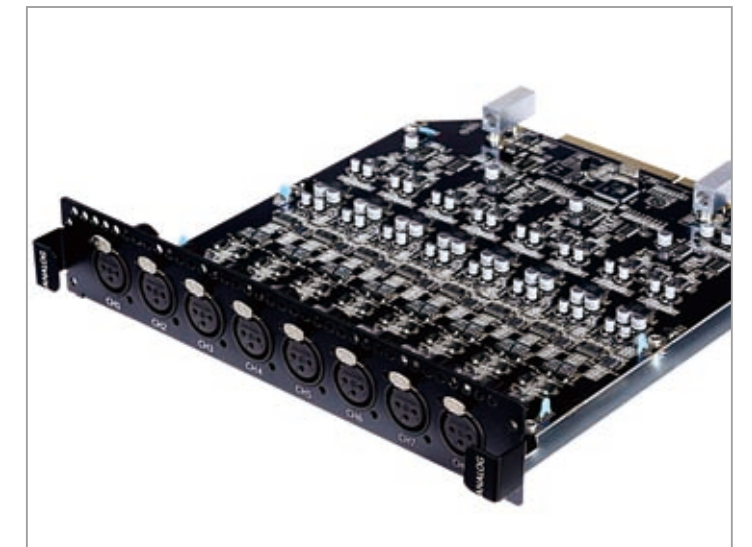


Figure 3 Input and output signal of lemuse ultra-subwoofer

\*Note: the blue line for input signal and the red for output







## Security

### Full-time Two-way Backup System

Integrated with digital processor, digital amplifier and speaker processor, lemuse active speaker can connect both digital and analog console at the same time. The full-time two-way backup system will automatically switch to backup signal seamlessly in case of the disconnection of the main audio signal, which ensures a stable operation and 100% redundant backup.

The cores feature of lemuse full-time two-way backup system is simple and stable. It is designed to be simple but easy to use. Additionally, stableness makes good quality.



## Easy-to-use

- **Tri-adjustment System**

Environment temperature, air relative humidity and the speaker coverage distance will affect the sound effect. The reason is that air will absorb the sound wave and this non-linear decrement is very difficult to handle.

- **Air Attenuation Auto Compensation**

In order to achieve the same good sound quality at difference environment, lemuse powered speaker system use the air attenuation auto compensation technique. We can input the coverage distance, environment temperature and relative humidity in the speaker manage list, the system will process these data and to change the output accordingly. The sound system will complete automatically the temperature, relative humidity and distance's compensation.

- **Standard Array Auto Calibration**

Line array is used frequently in sound system. When an array is formed, there will be frequency overlap in the same coverage area of each speaker, which will cause excess energy. Besides, there will be phase shift in some frequency due to the different delay time.

Lemuse speaker system enjoys array auto calibration. In the interface of remote monitoring system, various standard array options are provided. Dragging certain standard array model to user's current monitoring window, the auto calibration of corresponding speakers will be completed, which will make the on-site tuning more effective and the acoustic fidelity of line array better.



## Passive Series

With high-power amplifiers of digital signal processing and built-in Time-domain Calibration Technology (TD Tech), all the Passive Series speakers enjoy the same phase response and can be used together with each other.

### JLF-1008, JLF-1010& JLS-212

Line array JLF-1008 is used as fill for middle and rear area and JLF-1010 for the front and the rear. The result will be better when used with a subwoofer JLS-212.

### JF-4843

is a high-power speaker conceived for long-throw applications and can be unit of horizontal/vertical array. It is ideally paired with subwoofer JS-215.

### JF-4864

is a high-power speaker for sound reinforcement in middle and rear area and JF-4895 for sound reinforcement in front and middle area. They can be unit of normal array and are ideally paired with subwoofer JS-215.

### JF-1564&JF-1595

are high-power wideband speakers for use as moderate-distance sound reinforcement. If applied in venue where electro-acoustic is less used, they may be used as standalone effects speaker system. Conversely, if the venue is mainly electro-acoustic, it is recommended that pairing them with 18-inch subwoofer.

### JF-1266&1295

are a 12-inch speaker for small- and medium-size applications. It is ideally paired with subwoofer or ultra-subwoofer.

### JS-118&JS-218

are subwoofers with different SPL and can be used according to your requirements.

### JM-1595, JM-1554& JM-212

serve as stage monitoring speakers and JM-1595 is used for monitoring multiple players. JM-1554 is used for monitoring solo and JM-212 for monitoring large dynamic sound.





**JLF-1008 Full-range Speaker**

**JLF-1010 Full-range Speaker**

**JLS-212 Low-frequency Speaker**

**JF-4843 Full-range Speaker**

- Frequency response: 60Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20KHz(±45°)
- Max SPL: 139dB
- Coverage angle: 80°(horizontal) x 20°(vertical)
- Matched amplifier: one JP-3000 for two JLF-1008
- Subwoofer: 2x10" cone drivers with neodymium magnets, 3" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 900W (AES)
- Tweeter: 2" titanium compression driver, 4" voice coil with high temperature resistance, nominal resistance 8Ω, 140W (AES)
- Weight: 40kg
- Size(WxHxD): 720mmx300mmx555mm

- Frequency response: 60Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kKHz(±45°)
- Max SPL: 137dB
- Coverage angle: 100°(horizontal) x 20°(vertical)
- Matched amplifier: one JP-3000 for two JLF-1010
- Subwoofer: 2x10" cone drivers with neodymium magnets, 3" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 900W (AES)
- Tweeter: 2" titanium compression driver, 4" voice coil with high temperature resistance, nominal resistance 8Ω, 140W (AES)
- Weight: 38kg
- Size(WxHxD): 720mmx300mmx555mm

- Frequency response: 42Hz-140Hz(±3dB)
- Max SPL: 134dB<sup>1</sup> 140dB<sup>2</sup>
- Coverage angle: 180°(horizontal)
- Matched amplifier: one JP-3000 for two JLS-212
- Subwoofer: 2x12" cone drivers with neodymium magnets, nominal resistance 2x8Ω, 2x800W (AES)
- Weight: 46kg
- Size(WxHxD): 720mmx370mmx653mm

- Frequency response: 65Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kKHz(±45°)
- Max SPL: 144dB
- Coverage angle: 40°(horizontal) x 30°(vertical)
- Matched amplifier: one JP-3000 for two JF-4843
- Subwoofer: 4x8" cone drivers with neodymium magnets, 2.5" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 4Ω, 800W (AES)
- Tweeter: 2" titanium compression driver, 4" voice coil with high temperature resistance, nominal resistance 8Ω, 140W (AES)
- Weight: 48kg
- Size(WxHxD): 500mmx844mmx625mm

1. Free field, maximum peak SPL with music at 1 meter.  
2. Half-Free field, maximum peak SPL with music at 1 meter.

**Features and Benefits**

Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. Using Time-domain Calibration Technology (TDTech) developed by lemuse team and acoustic lens waveguide. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. Up to 900W RMS (AES) power capacity

**Applications**

Theater, music hall, multi-functional room, church, auditorium, stadium, themed-performance, touring

**Accessories**

IS-1000ZL stand, IH-1000ZL rigging.

**Features and Benefits**

Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. Using Time-domain Calibration Technology (TDTech) developed by lemuse team and acoustic lens waveguide. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. Up to 900W RMS (AES) power capacity

**Applications**

Theater, music hall, multi-functional room, church, auditorium, stadium, themed-performance, touring

**Accessories**

IS-1000ZL stand, IH-1000ZL rigging.

**Features and Benefits**

Stunning sound reproduction of high-fidelity. Super high power in compact cabinet, easy to install. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. Quick-arranged, compact and light-weighted, can be line-arrayed with controlled directivity. With super wear resistance, impact resistance and anti-aging coat painting. Up to 2\*800W RMS (AES) power capacity. lemuse JLF-1008 and JLF-1010 are ideally paired with JLS-212 for bass reproduction.

**Applications**

Theater, music hall, multi-functional room, auditorium, stadium, themed-performance, touring

**Accessories**

IS-1000ZL stand, IH-1000ZL rigging.

**Features and Benefits**

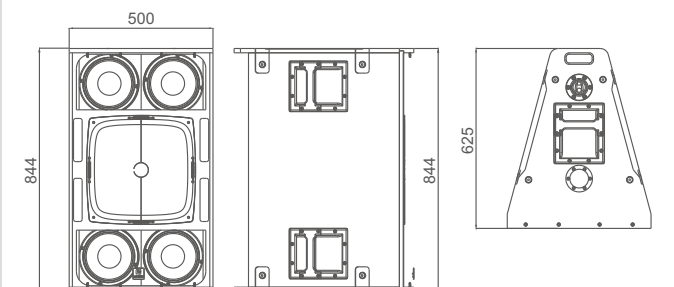
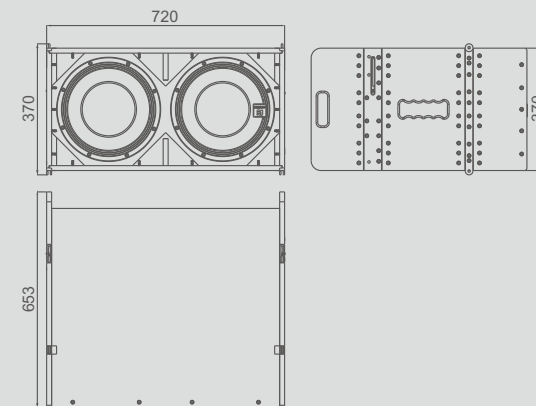
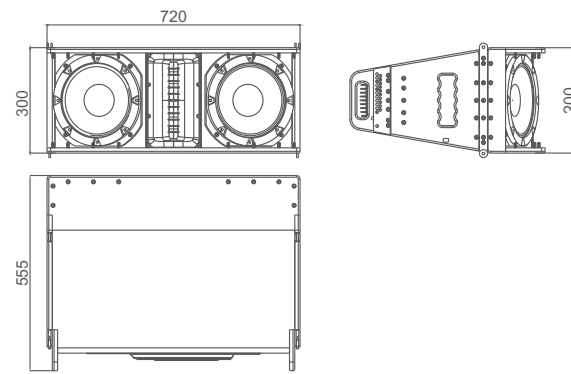
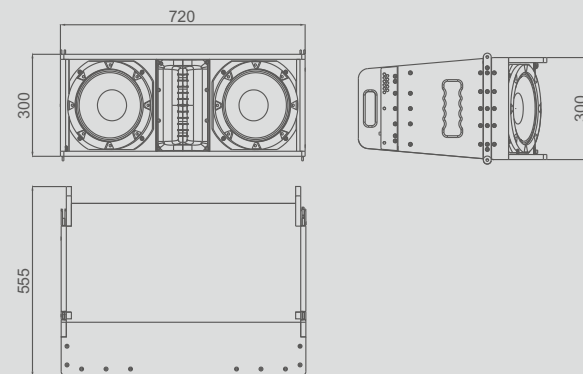
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**Applications**

Theater, music hall, multi-functional room, church, auditorium, stadium, themed-performance, touring

**Accessories**

IH-4800A2 rigging, IH-4800A3 rigging, ISH-4800L, IS-4800S adapter, M10X50mm rigging ring.





**JF-4864 Full-range Speaker**

**JF-4895 Full-range Speaker**

**JF-1564 Full-range Speaker**

**JF-1595 Full-range Speaker**

- Frequency response: 65Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20KHz(±45°)
- Max SPL: 140dB
- Coverage angle: 60°(horizontal) x 40°(vertical)
- Matched amplifier: one JP-3000 for two JF-4864
- Subwoofer: 4x8" cone drivers with neodymium magnets, 2.5" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 2" titanium compression driver, 4" voice coil with high temperature resistance, nominal resistance 8Ω, 140W (AES)
- Weight: 48kg
- Size(WxHxD): 500mmx844mmx625mm

- Frequency response: 65Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kKHz(±45°)
- Max SPL: 140dB
- Coverage angle: 90°(horizontal) x 50°(vertical)
- Matched amplifier: one JP-3000 for two JF-4895
- Subwoofer: 4x8" cone drivers with neodymium magnets, 2.5" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 4Ω, 800W (AES)
- Tweeter: 2" titanium compression driver, 4" voice coil with high temperature resistance, nominal resistance 8Ω, 140W (AES)
- Weight: 48kg
- Size(WxHxD): 500mmx844mmx625mm

- Frequency response: 50Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20KHz(±45°)
- Max SPL: 137dB
- Coverage angle: 60°(horizontal) x 40°(vertical)Rotatable design
- Matched amplifier: one JP-3000 for two JF-1564
- Subwoofer: 15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 800W (AES)
- Tweeter: 2" titanium compression driver, 4" voice coil with high temperature resistance, nominal resistance 8Ω, 140W (AES)
- Weight: 37kg
- Size(WxHxD): 423mmx845mmx445mm

- Frequency response: Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kKHz(±45°)
- Max SPL: 137dB
- Coverage angle: 90°(horizontal) x 50°(vertical)Rotatable design
- Matched amplifier: one JP-3000 for two JF-1595
- Subwoofer: 15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 800W (AES)
- Tweeter: 2" titanium compression driver, 4" voice coil with high temperature resistance, nominal resistance 8Ω, 140W (AES)
- Weight: 37kg
- Size(WxHxD): 423mmx845mmx445mm

**Features and Benefits**

Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. By using Time-domain Calibration Technology (TDTech) developed by lemuse team and constant-directivity horn, the sound is clear and clean. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. Up to 800W RMS (AES) power capacity. Conceived for long-throw applications.

**Applications**

Medium-and large-scale theater, music hall, multi-functional room stadium, the med-performance, touring.

**Accessories**

IH-4800A2 rigging, IH-4800A3 rigging, ISH-4800L, IS-4800S adapter, M10X50mm rigging ring.

**Features and Benefits**

Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. By using Time domain calibration technology (TDTech) developed by lemuse team and constant-directivity horn, the sound is clear and clean. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. Up to 800W RMS (AES) power capacity. Long-distance fill.

**Applications**

Medium-and large-scale theater, music hall, multi-functional room stadium, the med-performance, touring.

**Accessories**

IH-4800A2 rigging, IH-4800A3 rigging, ISH-4800L, IS-4800S adapter, M10X50mm rigging ring.

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**Applications**

Theater, music hall, multi-functional room, church, auditorium, stadium, themed-performance front fill or delayed fill in large-scale public events, side fill for stage monitoring or effect sound.

**Accessories**

IH-1500W rigging, IS-1500S adapter, IW-1500U U-bracket, M10 X40mm rigging ring.

**Features and Benefits**

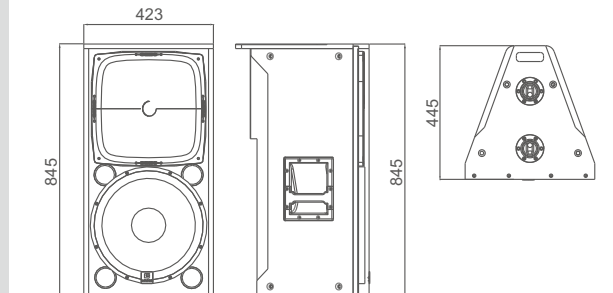
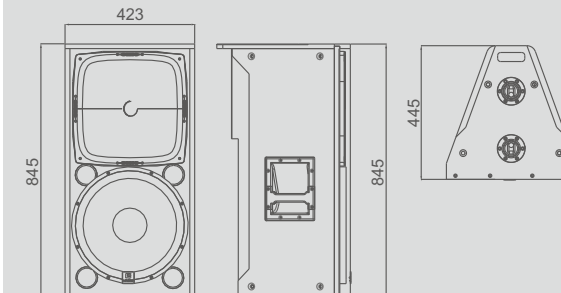
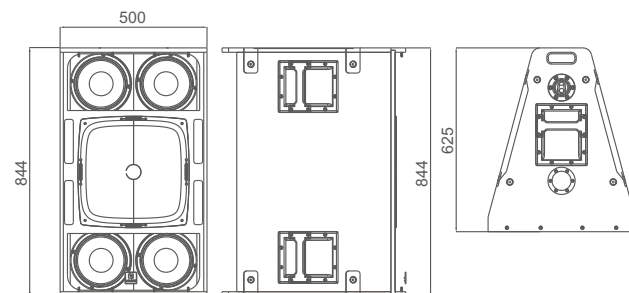
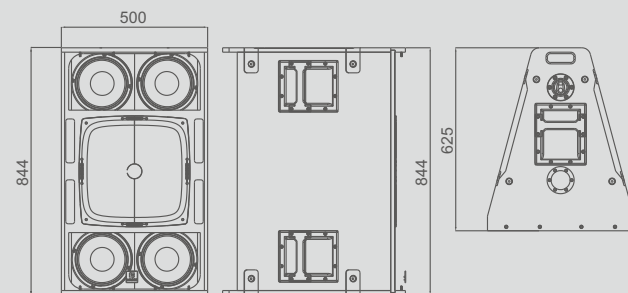
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**Applications**

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**Accessories**

IH-1500W rigging, IS-1500S adapter, IW-1500U U-bracket, M10 X40mm rigging ring.







**JF-1266 Full-range Speaker**

**JF-1295 Full-range Speaker**

**JS-115 Low-frequency Speaker**

**JS-215 Low-frequency Speaker**

- Frequency response: 62Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 136dB
- Coverage angle: 60°(horizontal) x 60°(20°+40°) non-symmetrical design
- Matched amplifier: one JP-3000 for two JF-1266
- Subwoofer: 12" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 800W (AES)
- Tweeter: 1.4" titanium compression driver, 3" voice coil with high temperature resistance, nominal resistance 8Ω, 100W (AES)
- Weight: 31kg
- Size(WxHxD): 380mmx720mmx435mm

- Frequency response: 62Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 136dB
- Coverage angle: 90°(horizontal) x 50°(vertical)
- Matched amplifier: one JP-3000 for two JF-1295P
- Subwoofer: 12" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 800W (AES)
- Tweeter: 1.4" titanium compression driver, 3" voice coil with high temperature resistance, nominal resistance 8Ω, 100W (AES)
- Weight: 31kg
- Size(WxHxD): 380mmx645mmx435mm

- Frequency response: 40Hz-200Hz(±3dB)
- Max SPL: 129dB<sup>1</sup> 135dB<sup>2</sup>
- Matched amplifier: one JP-3000 for two JS-115
- Subwoofer: 15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 1100W (AES)
- Weight: 29kg
- Size(WxHxD): 423mmx555mmx570mm

- Frequency response: 40Hz-200Hz(±3dB)
- Max SPL: 135dB<sup>1</sup> 141dB<sup>2</sup>
- Matched amplifier: one JP-3000 for two JS-215
- Coverage angle: 180°(vertical)
- Subwoofer: 2x15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance, Nominal impedance 2x8Ω, Power 2x800W (AES)
- Weight: 45kg
- Size(WxHxD): 500mmx844mmx625mm

1.Free field ,maximum peak SPL with music at 1 meter.  
2.Half-Free field,maximum peak SPL with music at 1 meter.

1.Free field ,maximum peak SPL with music at 1 meter.  
2.Half-Free field,maximum peak SPL with music at 1 meter.

**Features and Benefits**

Stunning sound reproduction of high-fidelity, Accurate coverage range. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image. Time domain calibration technology (TDTech) developed by lemuse team is applied and constant-directivity horn that can be used in various applications. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. Up to 800W RMS (AES) power capacity.

**Applications**

theater, music hall, multi-functional room, church, auditorium, stadium, themed-performance front fill or delayed fill in large-scale public events, side fill for stage monitoring or effect sound.

**Accessories**

IW-1200U U-bracket, IS-1200S adapter, IH-1200W rigging, M10 X40mm rigging ring.

**Features and Benefits**

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**Accessories**

IW-1200U U-bracket, IS-1200S adapter, IH-1200W rigging, M10 X40mm rigging ring.

**Features and Benefits**

Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. Time domain calibration technology (TDTech) developed by lemuse team is applied and constant-directivity horn that can be used in various applications. With super wear resistance, impact resistance and anti-aging coat painting. Up to 800W RMS (AES) power capacity.

**Applications**

Theater, music hall, multi-functional room, auditorium, stadium, themed-performance, small-scale touring.

**Accessories**

IH-1500W rigging, IS-1500S adapter, IW-1500U bracket, M10X40mm rigging ring.

**Features and Benefits**

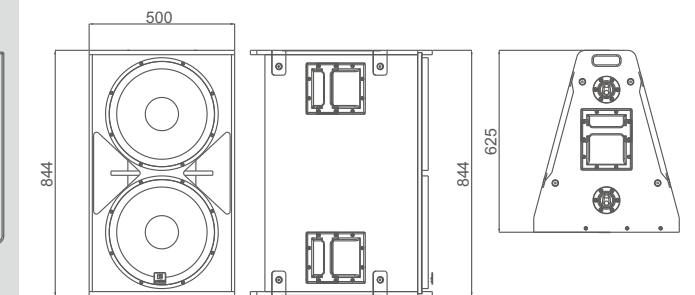
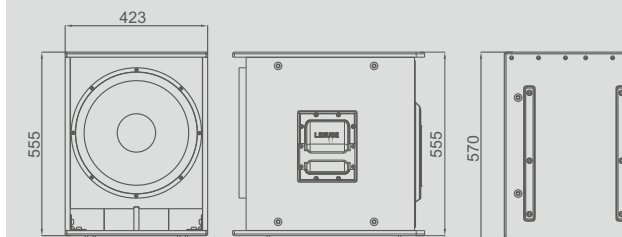
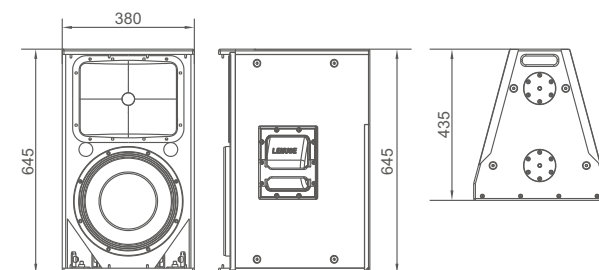
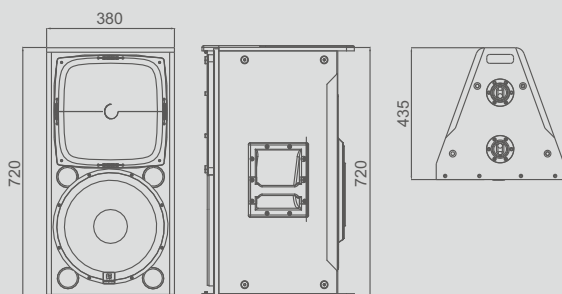
Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, and low frequency high-power output with clarity. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. lemuse JF-4843, JF-4864 and JF-4895 are ideally paired with JS-115 for bass reproduction. Up to 2\*800W RMS (AES) power capacity.

**Applications**

Theater, music hall, multi-functional room, auditorium, stadium, themed-performance, touring.

**Accessories**

IH-4800A2 rigging, IH-4800A3 rigging, ISH-4800L, IS-4800S adapter, M10X50mm rigging ring.





**JS-118 Subwoofer**

**JS-218 Subwoofer**

- Frequency response: 32Hz-80Hz(±3dB)
- Max SPL: 130dB<sup>1</sup> 136dB<sup>2</sup>
- Matched amplifier: one JP-3000 for two JS-118
- Subwoofer: 18" cone drivers with neodymium magnets ,
- 5.3" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 1800W (AES)
- Weight: 65kg
- Size(WxHxD): 590mmx690mmx845mm

- Frequency response: 28Hz-80Hz(±3dB)
- Max SPL: 136dB<sup>1</sup> 142dB<sup>2</sup>
- Matched amplifier: one JP-3000 for two JS-218
- Coverage angle: 180°(vertical)
- Subwoofer: 2x18" cone drivers with neodymium magnets ,
- 5.3" voice coil wire wrapped inside and outside high temperature resistance, Nominal impedance 2x8Ω, Power 2x1800W (AES)
- Weight: 93kg
- Size(WxHxD): 1300mmx525mmx710mm

1.Free field ,maximum peak SPL with music at 1 meter.  
2.Half-Free field,maximum peak SPL with music at 1 meter.

1.Free field ,maximum peak SPL with music at 1 meter.  
2.Half-Free field,maximum peak SPL with music at 1 meter.

**Features and Benefits**

Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. Up to 1800W RMS (AES) power capacity. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting.

**Applications**

Theater, music hall, multi-functional room, auditorium, stadium, the med-performance, touring.

**Accessories**

Basket (customized), M10X40mm rigging ring.

**Features and Benefits**

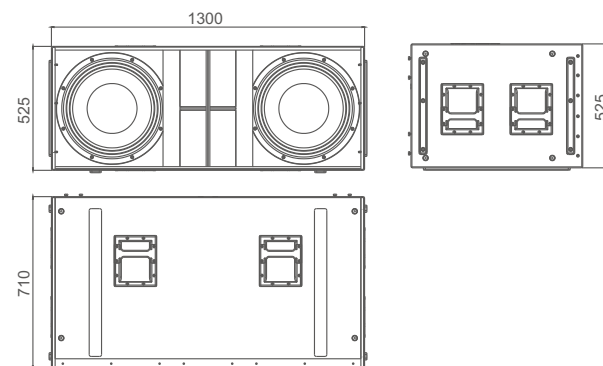
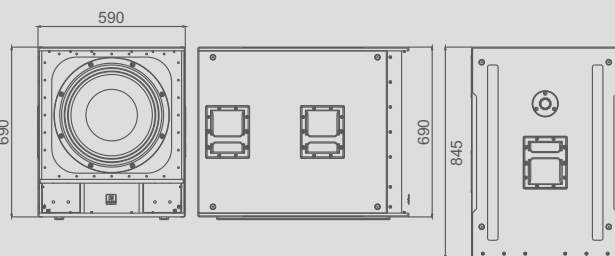
Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, and low frequency high-power output with clarity. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. Up to 2\*800W RMS (AES) power capacity.

**Applications**

Theater, music hall, multi-functional room, stadium, the med-performance, touring.

**Accessories**

Basket (customized), M10X40mm rigging ring.



**JM-1595 Full-range Stage Monitor Speaker**

**JM-1554 Full-range Stage Monitor Speaker**

- Frequency response: 60Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 139dB
- Coverage angle: 90°(horizontal) x50°(vertical)20°+30°(vertical)
- Matched amplifier: one JP-3000 for two JM-1595
- Subwoofer: 15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 800W (AES)
- Tweeter: 1.4" titanium compression driver,3" voice coil with high temperature resistance, nominal resistance 8Ω, 100W (AES)
- Weight: 28kg
- Size(WxHxD): 430mmx407mmx667mm

- Frequency response: 60Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 139dB
- Coverage angle: 50°(horizontal) x40°(vertical)
- Matched amplifier: one JP-3000 for two JM-1554
- Subwoofer: 15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance, nominal resistance 8Ω, 800W (AES)
- Tweeter: 1.4" titanium compression driver,3" voice coil with high temperature resistance, nominal resistance 8Ω, 100W (AES)
- Weight: 28kg
- Size(WxHxD): 430mmx407mmx667mm

**Features and Benefits**

Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image. Time-domain Calibration Technology (TDTech) developed by lemuse team is applied and distant-directivity horn. light-weighted cabinet With super wear resistance, impact resistance and anti-aging coat painting. Up to 800W RMS (AES) power capacity.

**Applications**

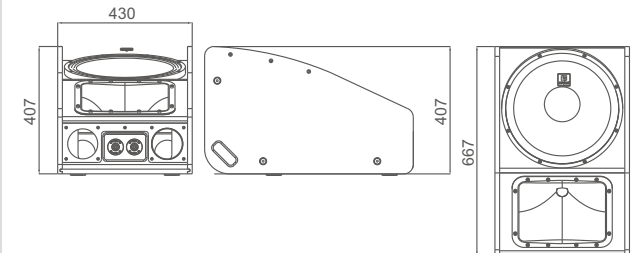
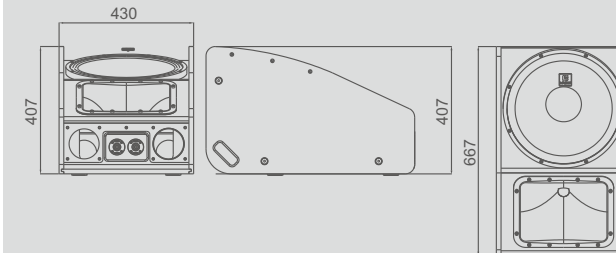
Reference monitor. Side fill for stage monitoring system.

**Features and Benefits**

Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image. Time-domain Calibration Technology (TDTech) developed by lemuse team is applied and constant-directivity horn. light-weighted cabinet With super wear resistance, impact resistance and anti-aging coat painting. Up to 800W RMS (AES) power capacity.

**Applications**

Solo monitoring. Side fill for stage monitoring system.







### JM-212 Full-range Stage Monitor Speaker

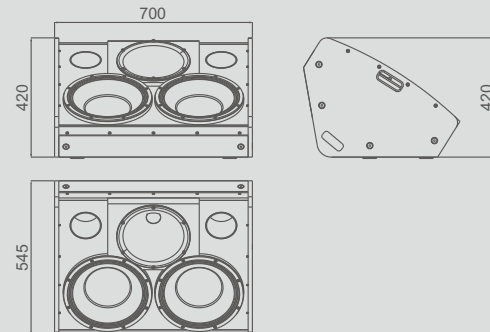
- Frequency response: 55Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 140dB
- Coverage angle: 50°(horizontal) x50°(vertical)
- Matched amplifier: one JP-2000 for two JM-212
- Subwoofer: 2x12" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature, resistance nominal resistance 4Ω, 1600W (AES)
- Tweeter: 2" titanium compression driver, 4" voice coil with high temperature resistance, nominal resistance 8Ω, 140W (AES)
- Weight: 35.8kg
- Size(WxHxD): 700mmx420mmx545mm

#### • Features and Benefits

Stunning sound reproduction of high-fidelity, accurate coverage range.  
 Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels.  
 Time-domain Calibration Technology (TDTech) developed by lemuse team is applied and distant-directivity horn.  
 light-weighted cabinet with super wear resistance, impact resistance and anti-aging coat painting.  
 Up to 1600W RMS (AES) power capacity.

#### • Applications

High dynamic monitoring.  
 Side fill for stage monitoring system.



rear view



rear view

### JP 2000 Digital Amplifier

- Output power: 2x1000W ( 8Ω stereo ) ; 2x1950W ( 4Ω stereo ) ; 2x2400W ( 2Ω stereo ) 1x3900W ( 8Ω bridge connection ) ; 1x4800W ( 4Ω bridge connection ) ;
- Frequency response: 20Hz-20KHz ( ±0.2dB ) for 1W@8Ω
- Signal to Noise Ratio: >112dB/A ( 20-20KHz A weighting )
- Crosstalk: >72dB@1KHz ;
- Damping coefficient: >5000@20-200Hz ;
- Total harmonic distortion plus noise: from 1W to full<0.5% (typical for 0.05%) Built-in frequency filter, balanced filter, line compensation network and compression limiter etc ;
- Adaptive voltage: Alternating Current 95V~265V , 50Hz/60Hz ;
- External dimensions: depth 360mm a standard rack units ;
- Net Weight: 8Kg ;

### JP 3000 Digital Amplifier

- Output power: 2x1400W ( 8Ω stereo ) ; 2x2600W ( 4Ω stereo ) ; 2x2800W ( 2Ω stereo ) 1x5200W ( 8Ω bridge connection ) ; 1x5600W ( 4Ω bridge connection ) ;
- Frequency response: 20Hz-20KHz ( ±0.2dB ) for 1W@8Ω
- Signal to Noise Ratio: >112dB/A ( 20-20KHz A weighting )
- Crosstalk: >72dB@1KHz ;
- Damping coefficient: >5000@20-200Hz ;
- Total harmonic distortion plus noise: from 1W to full<0.5% (typical for 0.05%) Built-in frequency filter, balanced filter, line compensation network and compression limiter etc ;
- Adaptive voltage: Alternating Current 95V~265V , 50Hz/60Hz ;
- External dimensions: depth 360mm a standard rack units ;
- Net Weight: 9.5Kg ;



## Active Series

With high-power amplifiers of digital signal processing and built-in Time-domain Calibration Technology (TDTech), all the Active Series speakers enjoy the same phase response and can be used together with each other.

- Line array JLF-1008P is used as fill for middle and rear area and JLF-1010P for the front and the rear. The result will be better when used with a subwoofer JLS-212P.
- JF-4843P is a high-power speaker conceived for long-throw applications and can be unit of horizontal/vertical array. It is ideally paired with sub woofer JS-215P.
- JF-4864P is a high-power speaker for sound reinforcement in middle and rear area and JF-4895P for sound reinforcement in front and middle area. They can be unit of normal array and are ideally paired with sub woofer JS-215P.
- JF-1564P&JF-1595P are high-power wideband speakers for use as moderate-distance sound reinforcement. If applied in venue where electro-acoustics is less used, they may be used as standalone effects speaker system. Conversely, if the venue is mainly electro-acoustic, it is recommended that pairing them with 18-inch sub woofer.
- JF-1266P&JF-1295P is a 12-inch speaker for small- and medium-size applications. It is ideally paired with sub woofer or ultra-subwoofer.
- JF-1096P is a 10-inch speaker for small- and medium-size applications.
- JF-510P&JF-410P is a compact speaker which can serve as fill for downstage edge and balcony as well as array column.
- JS-115P&JS-215P are 18-inch sub woofers. JS-118P and JS-218P are ultra-subwoofers.
- JM-1595P, JM-1554P&JM-212P serve as stage monitoring speakers. JM-1595P is for monitoring multiple players, JM-1554P for monitoring solo and JM-212 for monitoring large dynamic sound.







**JLF-1008P Active Full-range Speaker**

**JLF-1010P Active Full-range Speaker**

**JLS-212P Active Low-frequency Speaker**

**JF-4843P Active Full-range Speaker**

- Frequency response: 60Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 138dB
- Coverage angle: 80°(horizontal) x20°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 2x10"cone drivers with neodymium magnets, 3" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 2" titanium compression driver,4" voice coil with high temperature resistance
- Weight: 41.7kg
- Size(WxHxD): 720mmx300mmx555mm
- Power requirement: 195-240V, 670W, 50Hz/60Hz

- Frequency response: 60Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 136dB
- Coverage angle: 100°(horizontal) x20°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 2x10"cone drivers with neodymium magnets, 3" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 2" titanium compression driver,4" voice coil with high temperature resistance
- Weight: 37.2kg
- Size(WxHxD): 720mmx300mmx555mm
- Power requirement: 195-240V, 670W, 50Hz/60Hz

- Frequency response: 42Hz-140Hz(±3dB)
- Max SPL: 133dB<sup>1</sup> 139dB<sup>2</sup>
- Coverage angle: 180°(horizontal)
- Amplifier power: 2 x1000W
- Matched amplifier: 2x12" cone drivers with neodymium magnets,
- 4" voice coil wire wrapped inside and outside high temperature resistance
- Weight: 45.6kg
- Size(WxHxD): 720mmx370mmx653mm
- Power requirement: 100-240V, 900w, 50Hz/60Hz

- Frequency response: 65Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 143dB
- Coverage angle: 40°(horizontal) x30°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 4x8"cone drivers with neodymium magnets, 2.5" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 2" titanium compression driver,4" voice coil with high temperature resistance
- Weight: 51.6kg
- Size(WxHxD): 500mmx844mmx625mm
- Power requirement: 195-240V, 670W, 50Hz/60Hz

**Features and Benefits**

Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. Time-domain Calibration Technology (TDTech) developed by lemuse team and acoustic lens waveguide make the sound clear and clean. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting.

**Applications**

Theater, music hall, multi-functional room, church and auditorium, stadium, the med-performance, touring.

**Accessories**

IS-1000ZL stand, IH-1000ZL rigging ring.

**Features and Benefits**

Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. Time-domain Calibration Technology (TDTech) developed by lemuse team and acoustic lens waveguide make the sound clear and clean. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting.

**Applications**

Theater, music hall, multi-functional room, church and auditorium, stadium, the med-performance, touring.

**Accessories**

IS-1000ZL stand, IH-1000ZL rigging ring.

**Features and Benefits**

Stunning sound reproduction of high-fidelity. Super high power in compact cabinet, easy to install. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, and low frequency high-power output with clarity. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Quick-arranged, compact and light-weighted. Can be line-arrayed with controlled directivity. With super wear resistance, impact resistance and anti-aging coat painting. lemuse JLF-1008 and JLF-1010 are ideally paired with JLS-212P for bass reproduction.

**Applications**

Theater, music hall, multi-functional room, church and auditorium, stadium, the med-performance, touring.

**Accessories**

IS-1000ZL stand, IH-1000ZL rigging ring.

**Features and Benefits**

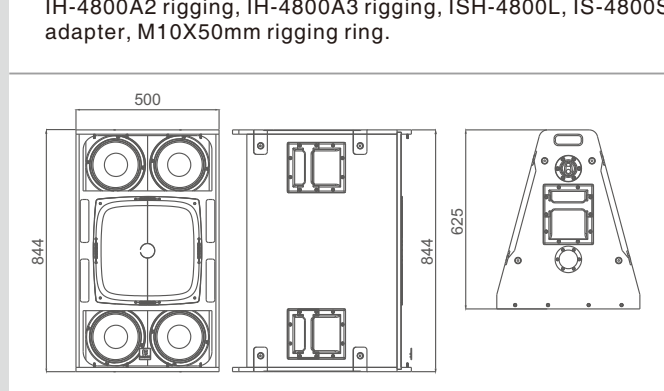
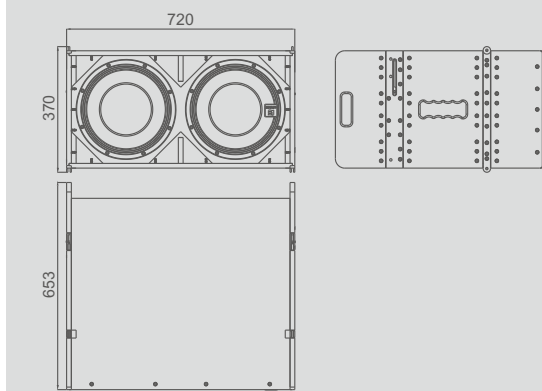
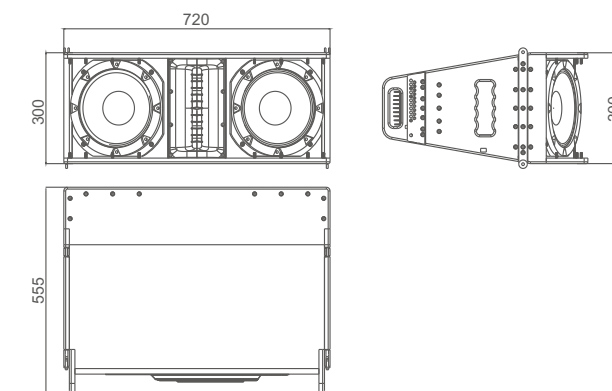
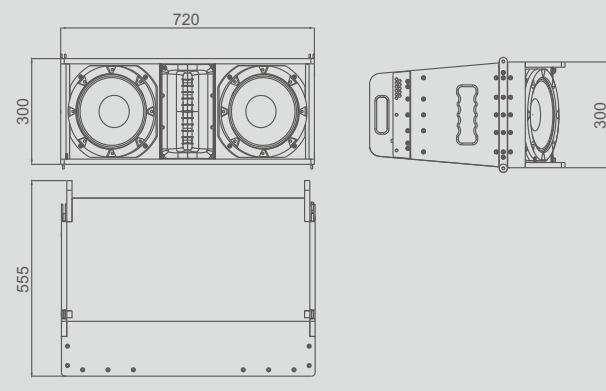
Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image. By using Time-domain Calibration Technology (TDTech) developed by lemuse team and distant-directivity horn, the sound is clear and clean. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Optimized distant-directivity horn that can be used in various applications. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. Conceived for long-throw applications.

**Applications**

Medium- and large-scale theater, music hall, multi-functional room, stadium, the med-performance, touring.

**Accessories**

IH-4800A2 rigging, IH-4800A3 rigging, ISH-4800L, IS-4800S adapter, M10X50mm rigging ring.





## JF-4864P Active Full-range Speaker

## JF-4895P Active Full-range Speaker

- Frequency response: 65Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 140dB
- Coverage angle: 60°(horizontal) x40°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 4x8" cone drivers with neodymium magnets, 2.5" voice coil wire wrapped inside and outside of high temperature resistance
- Tweeter: 2" titanium compression driver, 4" voice coil wire wrapped inside and outside of high temperature resistance
- Weight: 51.6kg
- Size(WxHxD): 500mmx844mmx625mm
- Power requirement: 195-240V,670W,50Hz/60Hz

- Frequency response: 65Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 139dB
- Coverage angle: 90°(horizontal) x50°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 4x8" cone drivers with neodymium magnets, 2.5" voice coil wire wrapped inside and outside of high temperature resistance
- Tweeter: 2" titanium compression driver, 4" voice coil wire wrapped inside and outside of high temperature resistance
- Weight: 51.6kg
- Size(WxHxD): 500mmx844mmx625mm
- Power requirement: 195-240V,670W,50Hz/60Hz

#### • Features and Benefits

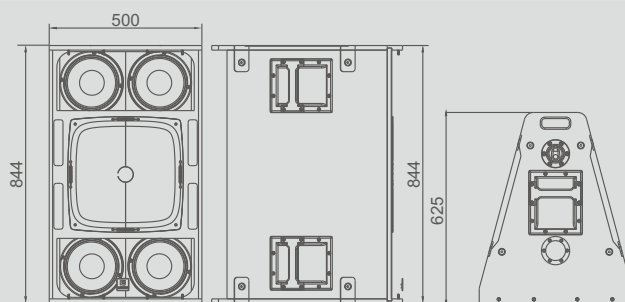
Stunning sound reproduction of high-fidelity, accurate coverage range.  
Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image.  
By using Time-domain Calibration Technology (TDTech) developed by lemuse team and distant-directivity horn, the sound is clear and clean.  
Connect digital and analog signal at the same time, which makes full-time two-way real-time backup.  
Build-in amplifier, DSP processor and peak/power compression limit protector.  
Debug system, air attenuation auto compensation, standard array auto calibration.  
Optimized distant-directivity horn that can be used in various applications.  
Quick-arranged, compact and light-weighted.  
With super wear resistance, impact resistance and anti-aging coat painting.  
Conceived for long-throw applications.

#### • Applications

Medium- and large-scale theater, music hall, multi-functional room, stadium, the med-performance, touring.

#### • Accessories

IH-4800A2 rigging, IH-4800A3 rigging, ISH-4800L, IS-4800S adapter, M10X50mm rigging ring.



#### • Features and Benefits

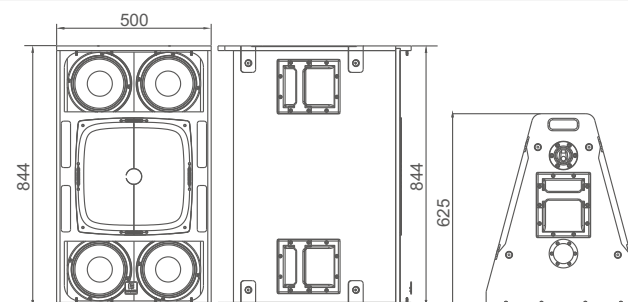
Stunning sound reproduction of high-fidelity, accurate coverage range.  
Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image.  
By using Time-domain Calibration Technology (TDTech) developed by lemuse team and distant-directivity horn, the sound is clear and clean.  
Connect digital and analog signal at the same time, which makes full-time two-way real-time backup.  
Build-in amplifier, DSP processor and peak/power compression limit protector.  
Debug system, air attenuation auto compensation, standard array auto calibration.  
Optimized distant-directivity horn that can be used in various applications.  
Quick-arranged, compact and light-weighted.  
With super wear resistance, impact resistance and anti-aging coat painting.  
Conceived for long-throw applications.

#### • Applications

Medium- and large-scale theater, music hall, multi-functional room, stadium, the med-performance, touring.

#### • Accessories

IH-4800A2 rigging, IH-4800A3 rigging, ISH-4800L, IS-4800S adapter, M10X50mm rigging ring.



## JF-1564P Active Full-range Speaker

## JF-1595P Active Full-range Speaker

- Frequency response: 50Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 136dB
- Coverage angle: 60°(horizontal) x40°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside of high temperature resistance
- Tweeter: 2" titanium compression driver, 4" voice coil wire wrapped inside and outside of high temperature resistance
- Weight: 38.2kg
- Size(WxHxD): 423mmx845mmx445mm
- Power requirement: 195-240V,670W,50Hz/60Hz

- Frequency response: 50Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 136dB
- Coverage angle: 90°(horizontal) x50°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 2" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside of high temperature resistance
- Tweeter: 15" titanium compression driver, 4" voice coil wire wrapped inside and outside of high temperature resistance
- Weight: 38.2kg
- Size(WxHxD): 423mmx845mmx445mm
- Power requirement: 195-240V,670W,50Hz/60Hz

#### • Features and Benefits

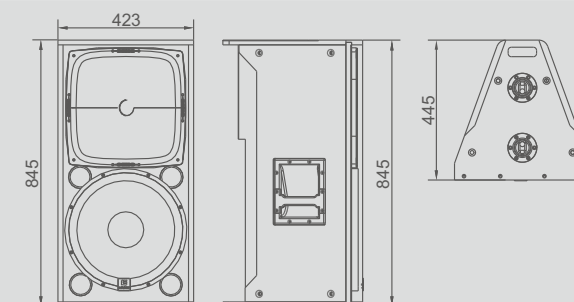
reproduction at extreme levels, good sound quality and accurate acoustic image.  
By using Time-domain Calibration Technology (TDTech) developed by lemuse team and distant-directivity horn, the sound is clear and clean.  
Connect digital and analog signal at the same time, which makes full-time two-way real-time backup.  
Build-in amplifier, DSP processor and peak/power compression limit protector.  
Debug system, air attenuation auto compensation, standard array auto calibration.  
Optimized distant-directivity horn that can be used in various applications.  
Quick-arranged, compact and light-weighted.  
With super wear resistance, impact resistance and anti-aging coat painting.

#### • Applications

Theater, music hall, multi-functional room, church and auditorium, stadium, the med-performance, front fill or delayed fill in large-scale public events, front fill or delayed fill in large-scale public events, ideally fill for stage monitoring or effect sound.

#### • Accessories

IH-1500W omnidirectional hanging bracket, IS-1500S adapter, IW-1500U U-Bracket, M10 X40 mm rigging ring



#### • Features and Benefits

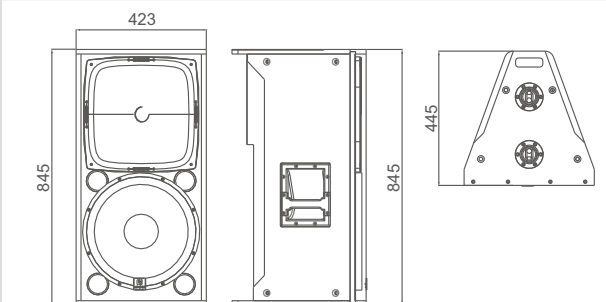
Stunning sound reproduction of high-fidelity, accurate coverage range.  
Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image.  
By using Time-domain Calibration Technology (TDTech) developed by lemuse team and distant-directivity horn, the sound is clear and clean.  
Connect digital and analog signal at the same time, which makes full-time two-way real-time backup.  
Build-in amplifier, DSP processor and peak/power compression limit protector.  
Debug system, air attenuation auto compensation, standard array auto calibration.  
Optimized distant-directivity horn that can be used in various applications.  
With super wear resistance, impact resistance and anti-aging coat painting.  
Conceived for long-throw applications.  
Stunning sound reproduction of high-fidelity, accurate coverage range.  
Enjoying flat frequency and phase response within working frequency band, transient

#### • Applications

Theater, music hall, multi-functional room, church and auditorium, stadium, the med-performance, front fill or delayed fill in large-scale public events, front fill or delayed fill in large-scale public events, ideally fill for stage monitoring or effect sound.

#### • Accessories

IH-1500W omnidirectional hanging bracket, IS-1500S adapter, IW-1500U U-Bracket, M10 X40 mm rigging ring







### JF-1266P Active Full-range Speaker

### JF-1295P Active Full-range Speaker

- Frequency response: 62Hz-18KHz( $\pm 3$ dB)
- Phase response curve: 120Hz-20kHz( $\pm 45^\circ$ )
- Max SPL: 135dB
- Coverage angle: 60°(horizontal) x60°(20°+40°) non-symmetrical&rotatable design
- Amplifier power: 2 x780W
- Subwoofer: 12" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 1.4" titanium compression driver, 3" voice coil, flat type aluminum wire, high temperature resistance
- Weight: 33kg
- Size(WxHxD): 380mmx720mmx435mm
- Power requirement: 195-240V,670W,50Hz/60Hz

- Frequency response: 62Hz-18KHz( $\pm 3$ dB)
- Phase response curve: 120Hz-20kHz( $\pm 45^\circ$ )
- Max SPL: 135dB
- Coverage angle: 90°(horizontal) x50°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 12" cone drivers with neodymium magnets, 3" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 1.4" titanium compression driver, 3" voice coil with high temperature resistance, nominal resistance
- Weight: 33kg
- Size(WxHxD): 380mmx645mmx435mm
- Power requirement: 195-240V,670W,50Hz/60Hz

#### • Features and Benefits

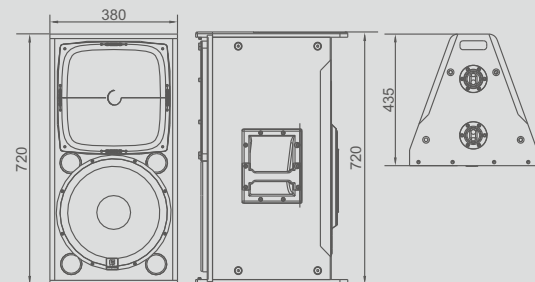
Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image. By using Time domain calibration technology (TDTech) developed by lemuse team and distant-directivity horn, the sound is clear and clean. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting.

#### • Applications

Theater, music hall, multi-functional room, auditorium and church, stadium,the med-performance, front fill and side fill.

#### • Accessories

IW-1200U U-Bracket , IS-1200S adapter , IH-1200W omnidirectional hanging bracket , M10 X40 mm ringing ring.



#### • Features and Benefits

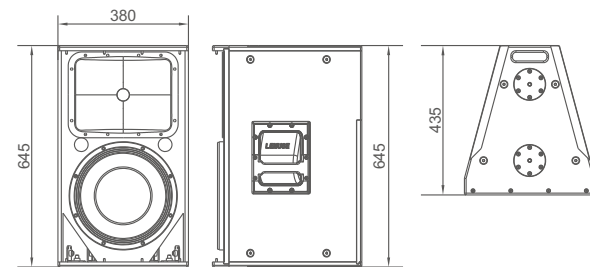
Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image. By using Time domain calibration technology (TDTech) developed by lemuse team and constant-directivity horn, the sound is clear and clean. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting.

#### • Applications

Theater, music hall, multi-functional room, auditorium and church, stadium,the med-performance, front fill and side fill.

#### • Accessories

IW-1200U U-Bracket , IS-1200S adapter , IH-1200W omnidirectional hanging bracket , M10 X40 mm ringing ring.



### JF-1096P Active Full-range Speaker

### JF-0896P Active Full-range Speaker

- Frequency response: 65Hz-18KHz( $\pm 3$ dB)
- Phase response curve: 120Hz-20kHz( $\pm 45^\circ$ )
- Max SPL: 129dB
- Coverage angle: 90°(horizontal) x60°(vertical)
- Amplifier power: 2 x350W
- Subwoofer: 10" cone drivers with neodymium magnets, 3" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 1" titanium compression driver, 1.75" voice coil, flat type aluminum wire, high temperature resistance
- Weight: 16.2kg
- Size(WxHxD): 310mmx570mmx270mm
- Power requirement: 100V-240V,240W,50Hz/60Hz

- Frequency response: 75Hz-18KHz( $\pm 3$ dB)
- Phase response curve: 120Hz-20kHz( $\pm 45^\circ$ )
- Max SPL: 127dB
- Coverage angle: 90°(horizontal) x60°(vertical)
- Amplifier power: 2 x300W
- Subwoofer: 8" cone drivers with neodymium magnets, 3" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 1" titanium compression driver, 1.75" voice coil with high temperature resistance, nominal resistance
- Weight: 11.6kg
- Size(WxHxD): 220mmx452mmx270mm
- Power requirement: 100V-240V,200W,50Hz/60Hz

#### • Features and Benefits

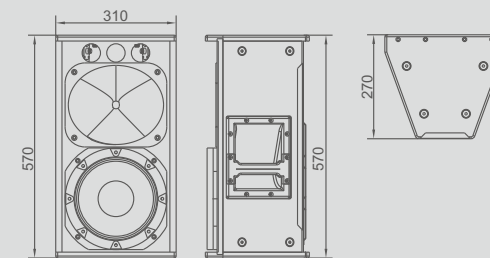
Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image. By using Time-domain Calibration Technology (TDTech) developed by lemuse team and distant-directivity horn, the sound is clear and clean. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. With super wear resistance, impact resistance and anti-aging coat painting.

#### • Applications

Theater, music hall, multi-functional room, auditorium and church, stadium,the med-performance, front fill and side fill.

#### • Accessories

IW-1000U U-Bracket, IW-1000W omnidirectional bracket, IS-1000S adapter, IH-1000W omnidirectional hanging bracket, M10 X40 mm rigging ring.



#### • Features and Benefits

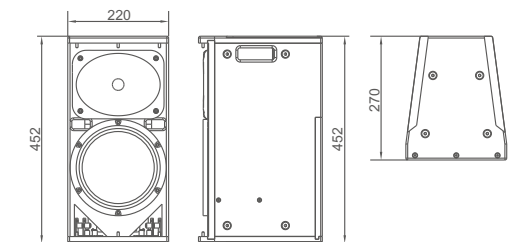
Stunning sound reproduction of high-fidelity, accurate coverage range. Enjoying flat frequency and phase response within working frequency band, transient reproduction at extreme levels, good sound quality and accurate acoustic image. By using Time-domain Calibration Technology (TDTech) developed by lemuse team and distant-directivity horn, the sound is clear and clean. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Optimized distant-directivity horn that can be used in various applications. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. Quick-arranged, compact and light-weighted design.

#### • Applications

As sound effect of theater, music hall, sound reinforcement of middle and small scale auditorium and church, sound reinforcement of banquet hall and meeting room, front fill and side fill.

#### • Accessories

IW-0800U U-Bracket,IW-0800W omnidirectional bracket, IS-0800S adapter, IH-0800W omnidirectional hanging bracket, M8X40 mm rigging ring.





**JF-510P-H Active Full-range Speaker**

**JF-510P Active Full-range Speaker**

**PS-5 Power Supply Box**

**JF-410P Active Full-range Speaker**

- Frequency response: 100Hz-20KHz(±3dB)
- Max SPL: 118dB
- Coverage angle: 90°(horizontal) x40°(vertical)
- Subwoofer: 5"cone drivers with neodymium magnets
- Tweeter: 1" titanium compression driver
- Output power: 50W
- Weight: 3.5kg
- Size(WxHxD): 145mmx233mmx112mm
- Power requirement: DC 48V

- Frequency response: 100Hz-14KHz(±3dB)
- Max SPL: 117dB
- Coverage angle: 80°(horizontal) x80°(vertical)
- Subwoofer: 5"cone drivers with neodymium magnets
- Output power: 50W
- Weight: 3.3kg
- Size(WxHxD): 145mmx233mmx112mm
- Power requirement: DC 48V

- Power requirement: 100V-240V,200W,50Hz/60Hz

- Frequency response: 150 HZ-16KHZ(±3dB)
- Max SPL: 113dB
- Coverage angle: 90°(horizontal) x90°(vertical)
- Subwoofer: 4" neodymium magnets unit
- Output power: 30W
- Weight: 1.1kg
- Dimension: 100mmx100mmx122mm
- Power requirement: DC 48V

**• Features and Benefits**

With ultra thin, super compact and modular design, flexible combination is available to different occasions and convenient to dark outfit.  
 Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. Build-in amplifier, DSP processor and peak/power compression limit protector.  
 With super wear resistance, impact resistance and anti-aging aluminum enclosure.  
 Build array fastly with flexible plug-in and software that can control the sound vertical coverage angle and control the radiation characteristics according to requirement.  
 Supply power through PS-5.

**• Applications**

Aux system for theater and opera hall, sound reinforcement of banquet hall and meeting room, sound reinforcement for all kind of museum, background music for restaurants, bars, sound reinforcement of home theater, sound reinforcement of public broadcasting, paging and music.

**• Accessories**

IW-1510A4 array support, IW-510A8 array support, IS-510-208 array support.

**• Features and Benefits**

With ultra thin, super compact and modular design, flexible combination is available to different occasions and convenient to dark outfit.  
 Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. Build-in amplifier, DSP processor and peak/power compression limit protector.  
 With super wear resistance, impact resistance and anti-aging aluminum enclosure.  
 Build array fastly with flexible plug-in and software that can control the sound vertical coverage angle and control the radiation characteristics according to requirement.  
 Supply power through PS-5.

**• Applications**

Aux system for theater and opera hall, sound reinforcement of banquet hall and meeting room, sound reinforcement for all kind of museum, background music for restaurants, bars, sound reinforcement of home theater, sound reinforcement of public broadcasting, paging and music.

**• Accessories**

IW-1510A4 array support, IW-510A8array support, IS-510-208 array support.

**• Features and Benefits**

PS-5 is exclusive for JF-510P-H and JF-510P power supply, and each PS-5 max for JF-510P-H or JF-510P simultaneously.

**• Features and Benefits**

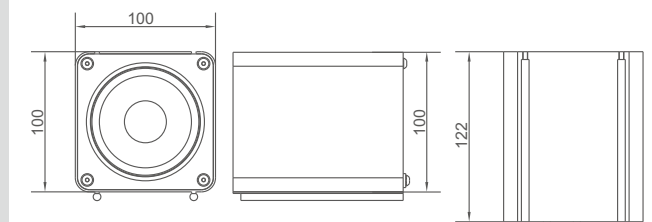
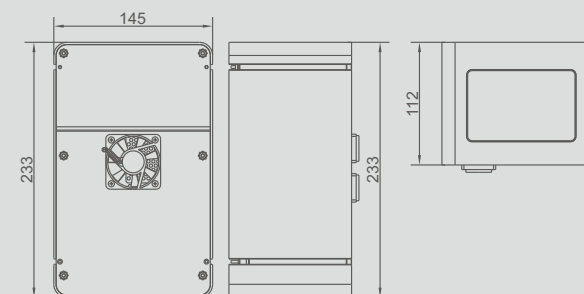
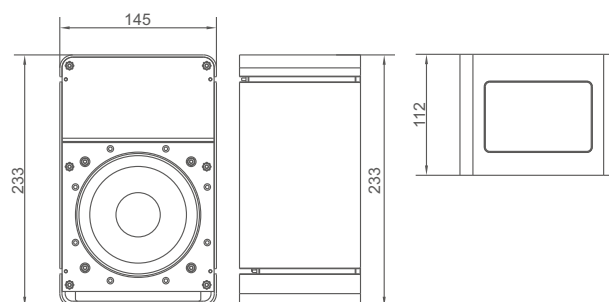
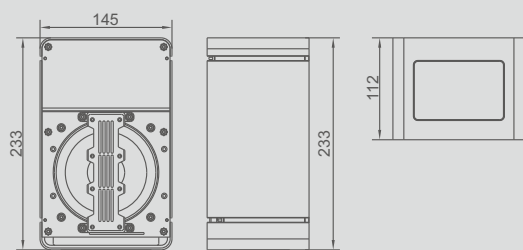
With ultrathin, super compact and modular design, flexible combination is available to different occasions and convenient to dark outfit.  
 Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels. build-in amplifier, DSP processor and peak/power compression limit protector.  
 By using Time-domain Calibration Technology (TDTech) developed by lemuse team and distant-directivity horn, the sound is clear and clean.  
 Build array fastly with flexible plug-in and software that can control the sound vertical coverage angle and control the radiation characteristics according to requirement.  
 Supply power through PS-4 or JS-208P(one max for 4JF-410P).

**• Applications**

Sound fill for front field of orchestra, stage and balcony and stand platform, sound reinforcement of meeting system, sound reinforcement of all kind of museums, Background music system of restaurants, bars, sound reinforcement of public broadcasting, paging and music, form a small size of flow sound reinforcement with JS-208P (eg: Press conference and exhibition).

**• Accessories**

M10 X40 mm rigging ring.





PS-4 Power Supply Box

JS-208P Active Low-frequency speaker

- Power requirement: 100V-240V,150W,50Hz/60Hz

- Frequency response: 40Hz-150KHz(±3dB)
- Max SPL: 126dB
- Coverage angle: 180°(horizontal)
- Amplifier power: 2x300W
- Subwoofer: 2x8"Neodymium unit
- Tweeter: 1" titanium compression driver
- Weight: 18.3kg
- Size(WxHxD): 550mmx205mmx402mm
- Auxiliary power Supply JS-208P: for JF-410P (Max for 4 JF-410P)
- Power requirement: 195V-240V,500W,50Hz/60Hz

• Features and Benefits

PS-4 is exclusive for JF-410P power supply, and each PS-4 max for four JF-410P speakers simultaneously.

• Features and Benefits

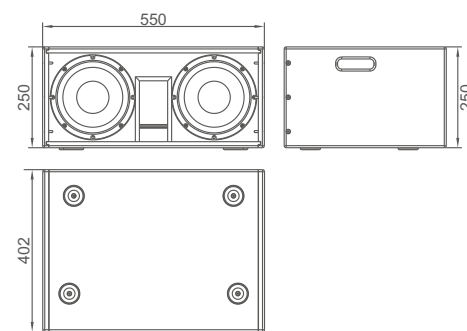
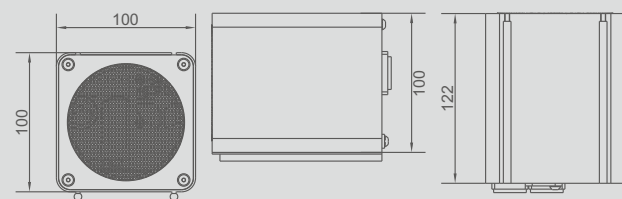
Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band. build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Super compact and modularized design flexible for various application. Use as low-frequency along with JF-410P, JF-510P-H, JF-510P and JF-0896P.

• Applications

Small scale theater, background music, portable system, compact sound reinforcement.

• Accessories

IS-410-208 array support, IS-510-208 array support.



JS-115P Active Low-frequency speaker

JS-215P Active Low-frequency speaker

- Frequency response: 40Hz-200Hz(±3dB)
- Max SPL: 128dB<sup>1</sup> 134dB<sup>2</sup>
- Amplifier power: 1 x1000W
- Subwoofer: 15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance
- Weight: 31kg
- Size(WxHxD): 423mmx555mmx570mm
- Power requirement: 100V-240V,900W,50Hz/60Hz

- Frequency response: 40Hz-200Hz(±3dB)
- Max SPL: 134dB<sup>1</sup> 140dB<sup>2</sup>
- Coverage angle: 180°(horizontal)
- Amplifier power: 2 x1000W
- Subwoofer: 2x15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance
- Weight: 47.7kg
- Size(WxHxD): 500mmx844mmx625mm
- Power requirement: 100V-240V,900W,50Hz/60Hz

- 1.Free field ,maximum peak SPL with music at 1 meter.
- 2.Half-Free field,maximum peak SPL with music at 1 meter.

- 1.Free field ,maximum peak SPL with music at 1 meter.
- 2.Half-Free field,maximum peak SPL with music at 1 meter.

• Features and Benefits

Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels and Low-frequency clarity of high power output. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. With super wear resistance, impact resistance and anti-aging coat painting. As low frequency sound fill for sound reinforcement system of JF-0896P, JF-1096P, JF-1266P, JF-1295P.

• Applications

Theater, music hall, multi-functional room, auditorium and church, stadium, the med-performance, small scale touring.

• Accessories

M10 X40 mm rigging ring.

• Features and Benefits

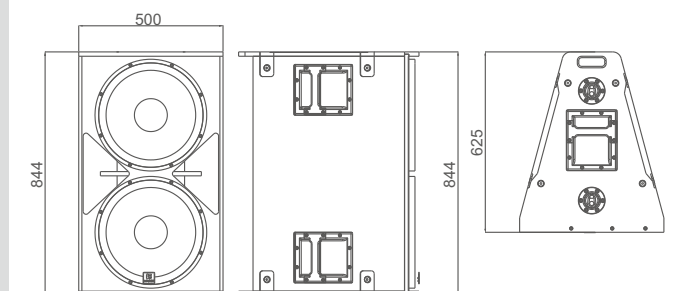
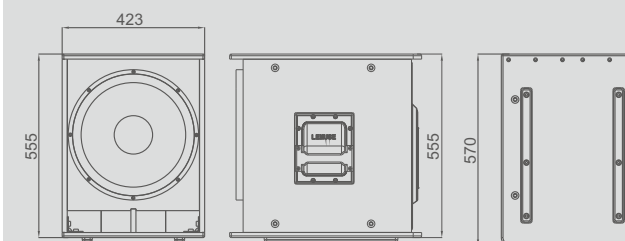
Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels and Low-frequency clarity of high power output. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting. As low frequency sound fill for sound reinforcement system of JF-4843P, JF-4864P, JF-4895P.

• Applications

Theater, music hall, multi-functional room, church and auditorium, stadium, the med-performance,small scale touring.

• Accessories

IH-4800A2 array drop-hanger frame , IH-4800A3 array drop-hanger frame , ISH-4800L connector , IS-4800S adapter , M10X50mm Rigging ring.







**JS-118P Active Subwoofer**

**JS-218P Active Subwoofer**

- Frequency response: 32Hz-80Hz(±3dB)
- Max SPL: 129dB<sup>1</sup> 135dB<sup>2</sup>
- Amplifier power: 1 x1000W
- Subwoofer: 18" cone drivers with neodymium magnets,5.3" voice coil wire wrapped inside and outside high temperature resistance
- Weight: 69.5kg
- Size(WxHxD): 590mmx690mmx845mm
- Power requirement: 100V-240V,900W,50Hz/60Hz

- Frequency response: 28Hz-80Hz(±3dB)
- Max SPL: 135dB<sup>1</sup> 141dB<sup>2</sup>
- Coverage angle: 180°(horizontal)
- Amplifier power: 2 x1000W
- Subwoofer: 2x18" cone drivers with neodymium magnets,5.3" voice coil wire wrapped inside and outside high temperature resistance
- Weight: 93.3kg
- Size(WxHxD): 1300mmx525mmx710mm
- Power requirement: 100V-240V,900W,50Hz/60Hz

1.Free field ,maximum peak SPL with music at 1 meter.  
2.Half-Free field,maximum peak SPL with music at 1 meter.

1.Free field ,maximum peak SPL with music at 1 meter.  
2.Half-Free field,maximum peak SPL with music at 1 meter.

**Features and Benefits**

Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels and Low-frequency clarity of high power output. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting.

**Applications**

Theater, music hall, multi-functional room, church and auditorium, stadium, the med-performance, small scale touring.

**Accessories**

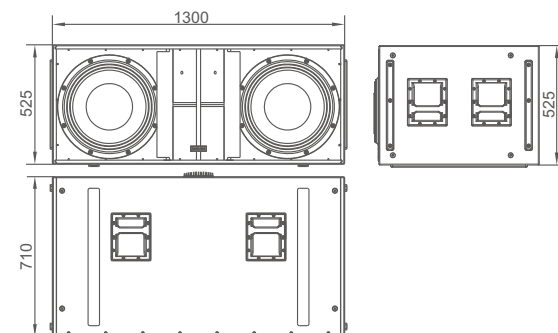
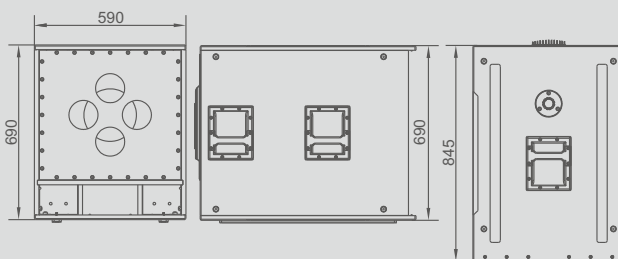
Rigging (customized), M10X40mmrigging ring.

**Features and Benefits**

Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels and Low-frequency clarity of high power output. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting.

**Applications**

Theater, music hall, multi-functional room, stadium, the med-performance,touring.



**JM-1595P Active Full-range speaker**

**JM-1554P Active Full-range speaker**

- Frequency response: 65Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 138dB
- Coverage angle: 90°(horizontal) x50°(vertical)20°+30°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 1.4" titanium compression driver,3" voice coil with high temperature resistance, nominal resistance
- Weight: 30.2kg
- Size(WxHxD): 430mmx407mmx667mm
- Power requirement: 195V-240V,670W,50Hz/60Hz

- Frequency response: 60Hz-18KHz(±3dB)
- Phase response curve: 120Hz-20kHz(±45°)
- Max SPL: 138dB
- Coverage angle: 50°(horizontal) x40°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 15" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 1.4" titanium compression driver,3" voice coil with high temperature resistance, nominal resistance
- Weight: 30.2kg
- Size(WxHxD): 430mmx407mmx667mm
- Power requirement: 195V-240V,670W,50Hz/60Hz

**Features and Benefits**

Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels and Low-frequency clarity of high power output. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Optimized distant-directivity horn that can be used in various applications. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting.

**Applications**

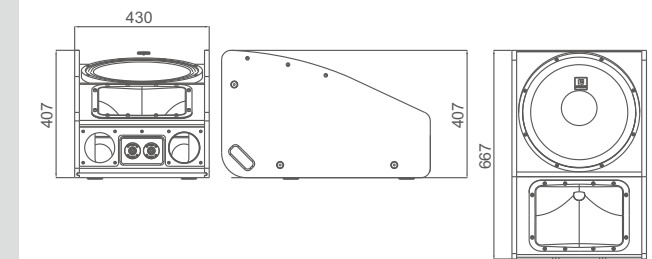
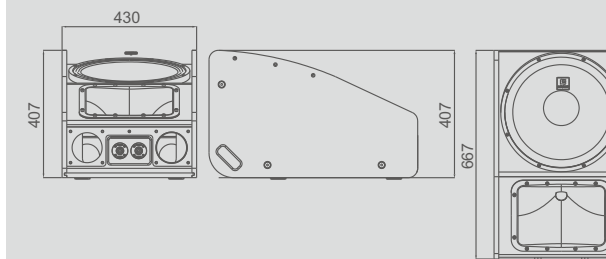
Monitoring and side fill for stage monitoring system.

**Features and Benefits**

Stunning sound reproduction of high-fidelity. Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels and Low-frequency clarity of high power output. Connect digital and analog signal at the same time, which makes full-time two-way real-time backup. Build-in amplifier, DSP processor and peak/power compression limit protector. Debug system, air attenuation auto compensation, standard array auto calibration. Optimized distant-directivity horn that can be used in various applications. Quick-arranged, compact and light-weighted. With super wear resistance, impact resistance and anti-aging coat painting.

**Applications**

Solo monitoring, side fill for stage monitoring system.







### JM-212P Active Full-range speaker

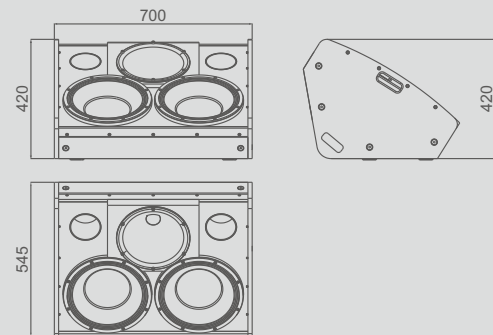
- Frequency response: 55Hz-18KHz( $\pm 3$ dB)
- Phase response curve: 120Hz-20kHz( $\pm 45^\circ$ )
- Max SPL: 139dB
- Coverage angle: 50°(horizontal) x50°(vertical)
- Amplifier power: 2 x780W
- Subwoofer: 2x12" cone drivers with neodymium magnets, 4" voice coil wire wrapped inside and outside high temperature resistance
- Tweeter: 2" titanium compression driver, 4" voice coil with high temperature resistance
- Weight: 39.3kg
- Size(WxHxD): 700mmx420mmx545mm
- Power requirement: 195V-240V,670W,50Hz/60Hz

#### • Features and Benefits

Stunning sound reproduction of high-fidelity.  
 Enjoying flat frequency and phase response within working frequency band and transient reproduction at extreme levels and Low-frequency clarity of high power output.  
 Connect digital and analog signal at the same time, which makes full-time two-way real-time backup.  
 Build-in amplifier, DSP processor and peak/power compression limit protector.  
 Debug system, air attenuation auto compensation, standard array auto calibration.  
 Quick-arranged, compact and light-weighted.  
 With super wear resistance, impact resistance and anti-aging coat painting.

#### • Applications

High dynamic monitoring.  
 Side fill for stage monitoring system.





# Accessories

Quick and safe accessories

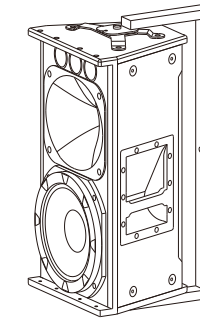
All the accessories can be applied to stand, rigging, wall mounting and ceiling mounting.

- Accessories for the wall mount: U-Bracket, Omnidirectional bracket etc.
- Accessories for support : Array support, Adapter etc.
- Accessories for hanging: Array drop-hanger frame, Omnidirectional hanging bracket, Ring etc.
- Other accessories: customizing for specify application.

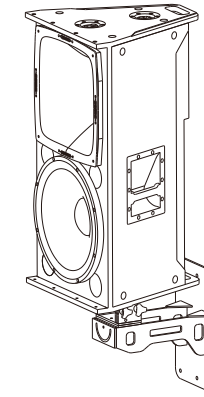
Wall Mount



U-Bracket



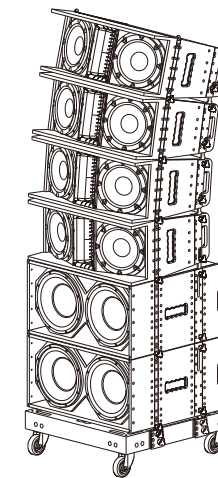
Omnidirectional Bracket



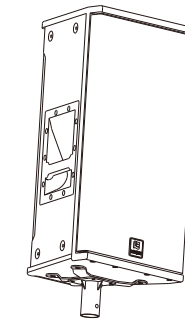
Stand Mount



For Line Array



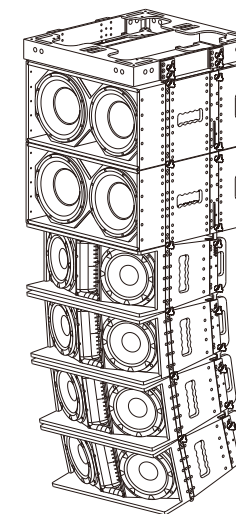
Adapter



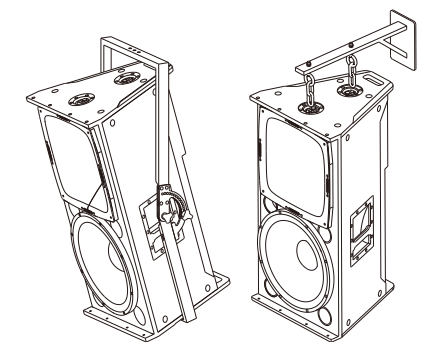
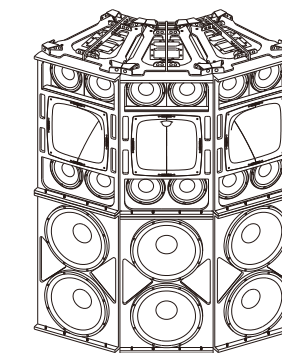
Hanging



For Line Array



For Line Array Omnidirectional hanging bracket Hanging Ring





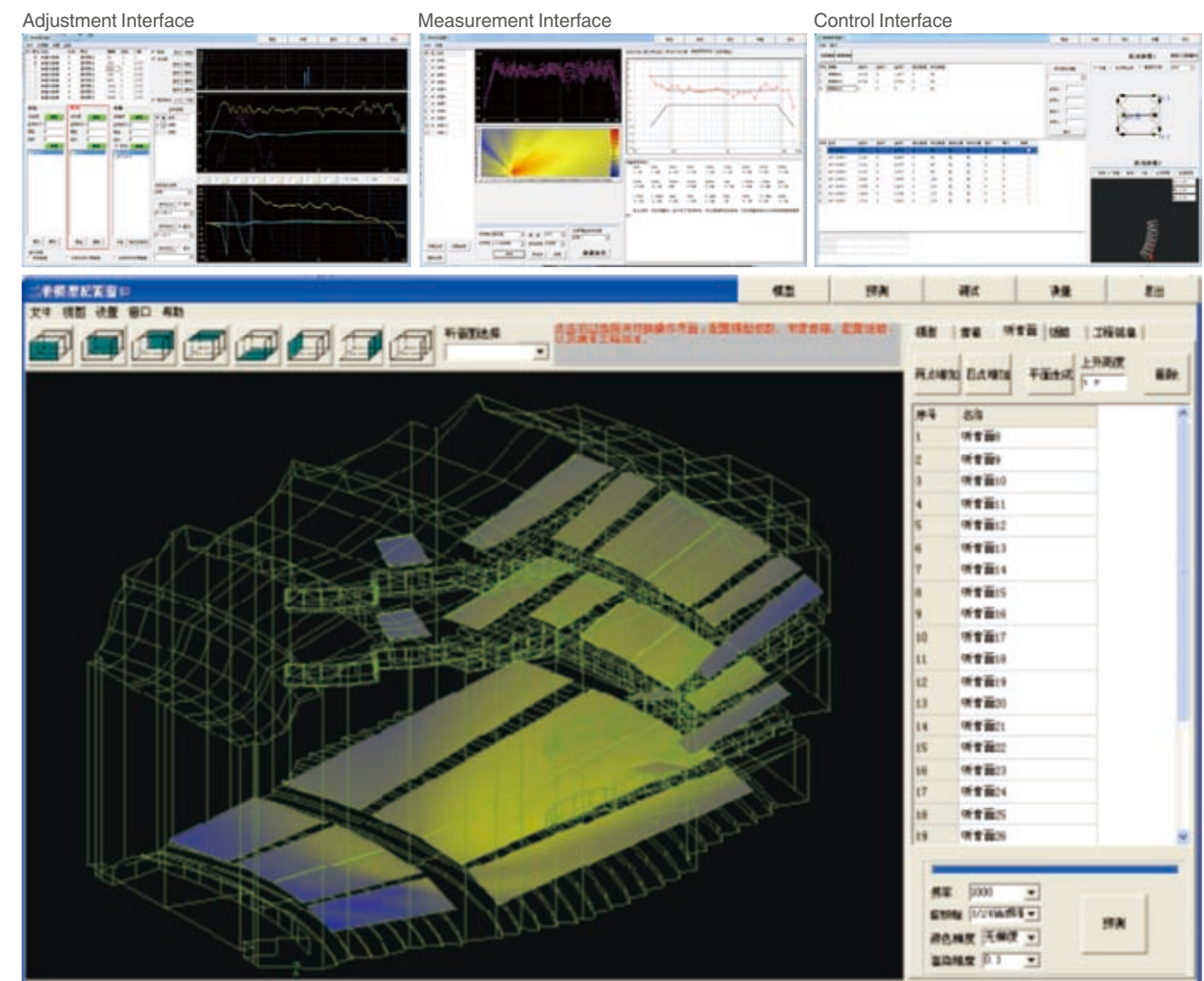


# Sound Field Prediction System

Sound Field Prediction System and Remote Monitoring System cover the whole chain of design, installation, adjustment and operation, which ensures that the customers enjoy the best technical support.

Based on the wave acoustics theory, Sound Field Prediction System provides a more accurate prediction results. With the aid of 3D acoustic model, the Sound Field Prediction System offers a full range analyses for acoustic prediction.

- Using the system in design**  
 The sound field prediction enjoys high precision of 1/32 octave comparing with ordinary 1/24 octave. Highly consistent with actual measurement, the software provides various application predictions including the direct sound distribution, frequency response, interface reflection, air reduction, line array interference and etc.
- Using the system in installation**  
 The Sound Field Prediction System will automatically create various installation parameters such as gravity, angle, gravity point, position, and etc.
- Using the system in adjustment**  
 On-site parameters will be sent to the DSP through of cloud platform, which will make the system share data with the parameters of the real acoustic system. By matching the virtual debugging environment with the actual data, greatly improves the efficiency and effect of debugging. Cloud platform technology realizes a combination of sound field prediction and per-debugging function and by correcting the actual parameters to satisfy the design index.
- Using the system in training**  
 The Sound Field Prediction System is a virtual platform based on application technology. The platform helps designer give trainings including design, adjustment and measurement of sound field.



Main Interface(model)

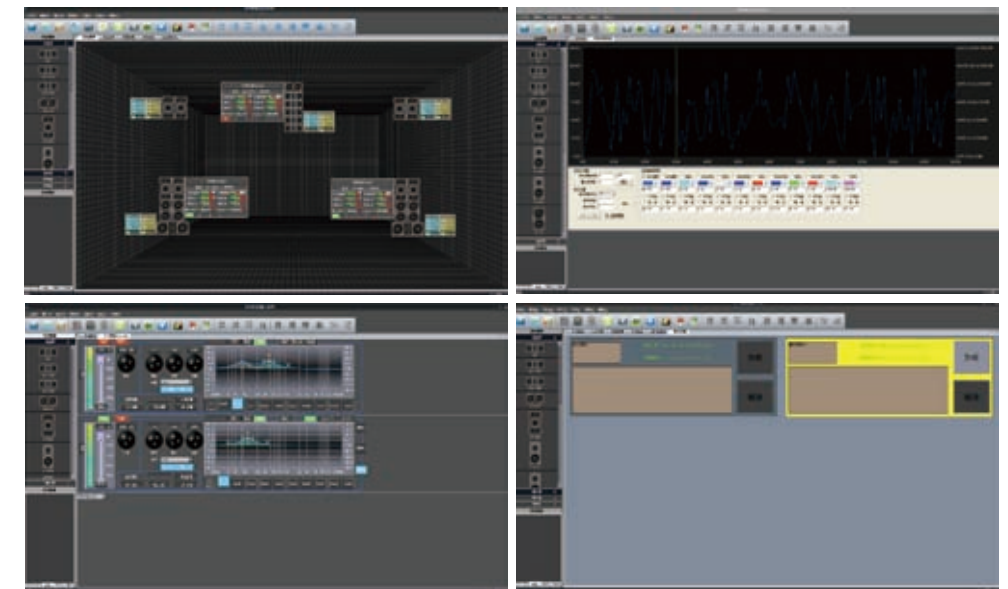




## Remote Monitoring System

Sound Field Prediction System and Remote Monitoring System cover the whole chain of design, installation, adjustment and operation, which ensures that the customers enjoy the best technical support

The Remote Monitoring System can monitor and control the every speaker of the acoustic system remotely based on the LAN technology.



+ Main Monitoring Interface + Real-time Monitoring Curve + Processing Control Interface + Show Mode Interface

Based on the cloud technology, Online Remote Monitoring is easy-to-use and human-oriented. With the aid of Auto-compensation of Air Attenuation and Standard Array Auto-correction, the sound becomes more exquisite.

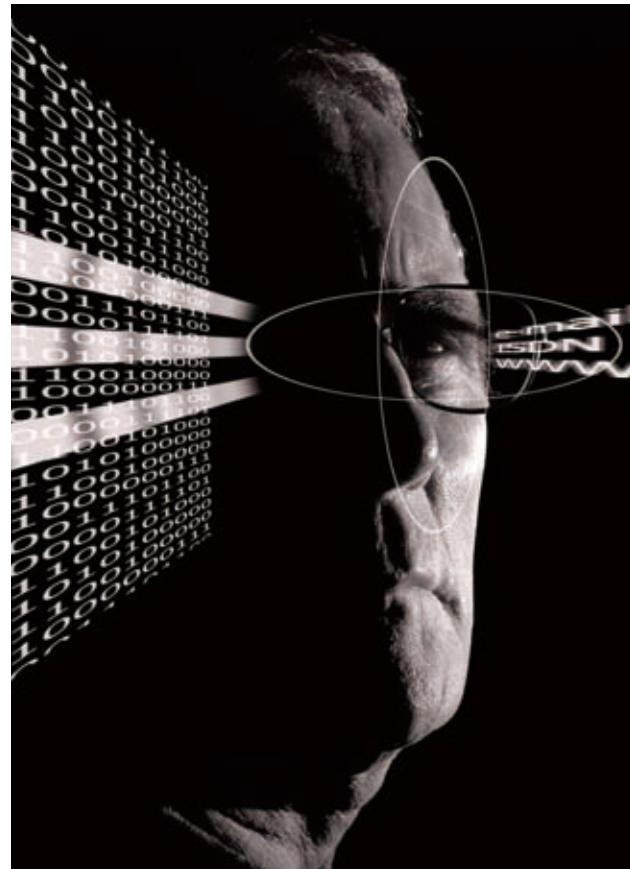
- **Using the system in adjustment**  
lemuse Remote Monitoring System can realize the real-time setting up for speakers used in remote distance, such as processing parameters setting, the array calibration. To meet the actual debugging requirements, Remote Monitoring System adopts a control mode of three layer system processing, including speaker processing, array processing and system processing, so as to ease the difficulty of debugging and control of the system.
- **Using the system in operation**  
Remote Monitoring System realizes a real-time remote monitoring of the status of processors, amplifiers and speakers, which helps the operators are informed of the status of all the devices. Optional modes are various, simple and easy-to-use.



# Digital Acoustic Versatility System

Digital Acoustic Versatility System is an advanced digital electronic technology which is designed to build a certain acoustic environment with corresponding parameters according to different needs of performances. Using this system, such effects can be achieved: reverberation time and response curve can be changed; early reflection can be simulated for better acoustic fidelity; improve the mutual hearing experience between artists and between stage and audience area.

In addition, Digital Acoustic Versatility System will switch to different mode according to the on-site scene with the aid of integrated control technology. The application of this system helps reduce the cost of construction and the volume of the hall, which directly lowers the cost of HVAC.



REAS-2000 Host of the Digital Acoustic Versatility System

### Features and Benefits

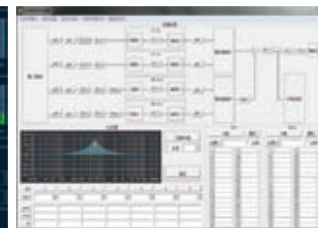
40\*64 (host channels) including central controller.

REAS-2000 enjoys perfect digital signal processing, which can process 32 channels of late reverberation of the auditorium and 16 channels of early reflection of the stage.

REAS - 2000 special reverb algorithm can simulate the real acoustical environment, change the sound reverberation time and can enhance energy of early reflections at the same time. Optimized algorithm solves the problems of sound dyeing in the reverberation model, and reduce the number of the microphone, increases the reverberation gain.



Processing Interface

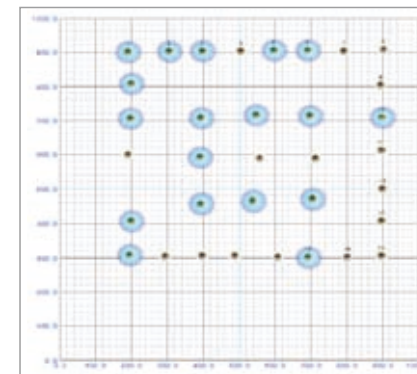


Terminal Interface

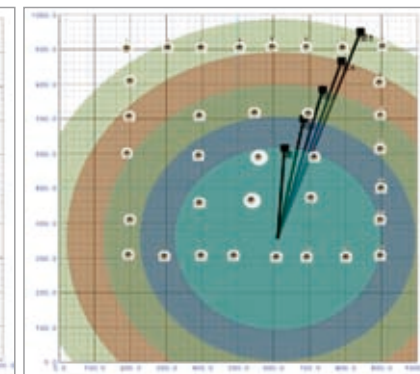
# Multi-channel System

The best virtual reality Immersive spectacle

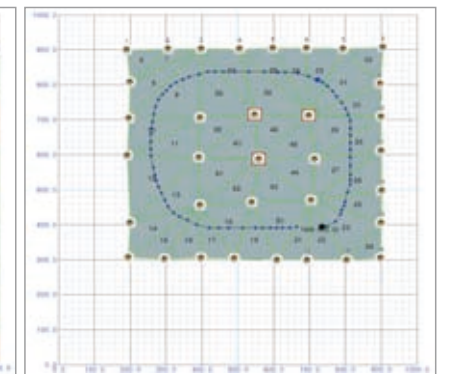
- Multi-channel system is ideal for audio design and innovation by offering audio production, storage, playback and integrated control.
- Unlike traditional sound reproduction, multi-channel system helps your inspiration to be realized as much as possible and enhances the effect of expressing of sound art.
- The menu of multi-channel system is simple and easy-to-use, making you focusing on music creation without other troubles.



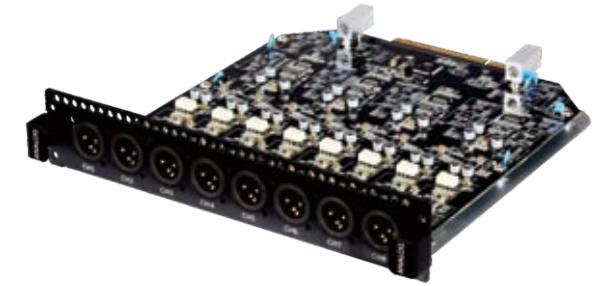
Variable Sound Image



Track Control



Point Sound Image



MC-2000 Multi-channel System

MPA-2000 Audio Server

AD-8 8-channel Analog Audio Input Module

DA-8 8-channel Analog Audio Output Module

• **Features and Benefits**

Space map modeling, video editing of fixed point, variable orbit and domain are available. Timeline-based scene editing help you create natural sound and video quickly. Real-time tuning and fast playback are also available, which makes editing more diversified.

• **Specifications**

- 2 touch screen with 1440x900 resolution
- 16 electric fades
- 33 encoders
- 119 illuminated key buttons
- 1 mouse with trackball
- 1 package of wireless keyboard and mouse
- 2 LED lights
- 3 network ports
- Audio port: TRS with phantom power, microphone input
- Synchronizing port: MIDI input and MIDI output
- RS485 and RS232
- 5 USB ports
- real-time redundant industrial power supply
- dimension: 639 mm x 868 mm x 165 mm
- weight: 30Kg

• **Features and Benefits**

MPA-2000 enjoys perfect digital signal processing and flexible multi-channel signal processing powered by a 32x64 matrix, a MINI digital mixer processing matrix, and two multi-channel playback modules, and with a maximum of 64 input and 64 output. Each input signals can be amplified and controlled by phantom power.

• **Specifications**

- Dimension: 482.6mmx399.25mmx557.5mm
- Weight: 25.8Kg
- Finish: black

• **Analog input**

- 48V phantom power output
- Maximum input level: +24dBu
- Dynamic range (A-weighted ) : 112dB @ 1KHz
- THD+N ( A-weighted ) : -105dB @ 1KHz
- Pre-amplifier gain range: 0dB, 10dB-65dB, resolution 1dB
- Sampling rate: 44.1kHz、 48kHz、 88.2kHz、 96kHz、 176.4kHz、 192kHz
- up to 64-channel input

• **Digital input**

- AES/EBU port, 32-channel stereo sound, support 48K sampling rate

• **Digital output**

- AES/EBU port, 32-channel stereo sound, support 48K sampling rate
- 1-channel word clock input, 7-channel word clock output.

• **Display:** 7-inch LCD

- Connectors:** USB port, RS-232 and Ethernet
- Power supply:** real-time redundant industrial power supply.

• **Features and Benefits**

8-channel Analog Audio Input Module.

• **Features and Benefits**

8-channel Analog Audio Output Module.



EXF-AD8 8-channel Analog Audio Input Extension

EXF-DA8 8-channel Analog Audio Output Extension

• **Features and Benefits**

8-channel Analog Audio Input Extension.

• **Features and Benefits**

8-channel Analog Audio Output Extension.



AES8-IN 8 Stereo Digital Input Card

AES8-OUT 8 Stereo Digital Output Card

• **Features and Benefits**

8 Stereo Digital Input Card.

• **Features and Benefits**

8 Stereo Digital Output Card.





# Show Management System

- The show control system is professional and integrated, which is compatible with various stage control platforms and helps director take the command during performance, production and post-production.
- This system can keep long-term working, which greatly reduces operating costs.
- Besides, it can be used as lighting backup system and offers backup of key functions helping the show go well.



MC-2000 Show Management System Console

**• Features and Benefits**  
 MC-2000 for controlling audio, video, lighting, machinery equipment.

SupportTCP/UDP/SMPTE/MTC/RS232/RS485 port. Timeline editing enables you to preview your show at any point of time.

Scene editing meets the needs of directors for the simple and convenient production.



TG-208 MIDI Time Code Generator

**• Features and Benefits**  
 Two-way MIDI input and 8-way output. Support real-time backup and switch.



# Auxiliaries



AV16-MC Smart Power Supply

**Features and Benefits**

One-touch control on external panel. Emergency button controls the circuit channels and power supply. Customized settings of powering up/off and delay time are available. High-quality circuit breakers installed in total input and each loading path protect the device from leakage and over current. Double-rust spray cabinet.

**Specifications**

Input voltage: 230V 50/60Hz  
 Number of load circuits: 16  
 Maximum current of single load circuit: 20A  
 Maximum total current: Single-phase 180A/63A  
 Three-phase 60A/per phase  
 Control input: 1xRS232 port for control panel and emergency switch  
 Dimensions (L x W x H): 840mm x 670mm x 130mm



BR16 Cue Light System

The Cue Light System is comprised of Cuelight BR16, Cuelight UNIT-S, Cuelight UNIT-BR and extended CONTROL BOX, which can be applied to key stations or conducting in venues such as theater. It is easy-to-use, anti-interference and automatic, which is the best choice for you in terms of internal communication.

**Features and Benefits**

The Cue Light Host offers 16 channels which can be controlled 16 cues independently. Providing 4 independent groups which can group any channel you want. Real-time online detection helps you monitor the status of each channel. Extended units are equipped with buzzer and relay control output. No need to connect external power supply because the 3-pin XLR connector provides phantom power.

MLC-1 Multi-functional Detector



MLC-1 Multi-function Detector can test all the cables quickly and output data on access, circuit, short circuit and calibration. Apart from local test, remote test is also available, which greatly efficient.

**Features and Benefits**

The sending end and receiving end of the detector can be separated and the detector supports remote testing. A/D converter of MCU helps to detect node voltage. The partial pressure of diode array can recognize node numbers. The test results will show as eight digits, simple and clear. Buzzer available.



## Design

Lemuse provides total service in pre-sales, sell and after-sales field and it regards the development as the most important part. Lemuse Technical Support Center has years of experience in providing professional solutions.



## Adjustment

System adjustment usually plays an important role in sound reproduction. Therefore, the quality of sound reproduction relies on accurate and scientific adjustment and it also serves as the core part of a brand. Numerous successful cases of grand theaters have been made in the past 20 years. With years of experience, lemuse team is really professional. The team will provide customers total solutions in adjustment including power adjustment, adjustment of sound, and virtual adjustment of sound.

### • Power Adjustment

Power adjustment refers to cable test and device test, which ensures good working situation. Multi-function Cable Tester-no open circuit, short circuit and cross circuit.



Multi-function Cable Tester

Cable testing ensures no open circuit, short circuit and cross circuit.  
power supply test, signal input test, inter-device circuit test, signal output test.

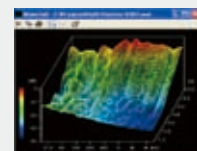


NTI Tester

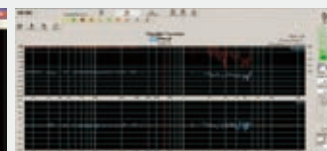
Device test all the devices work, device functions test, no noise in audio circuit.

### • Adjustment of Sound

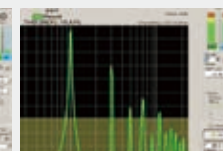
The adjustment of sound is aimed to make the whole system in the best operation situation and ensure the best quality of sound.



DIRAC System



FFT System



SATLive System

#### Sound Field Adjustment

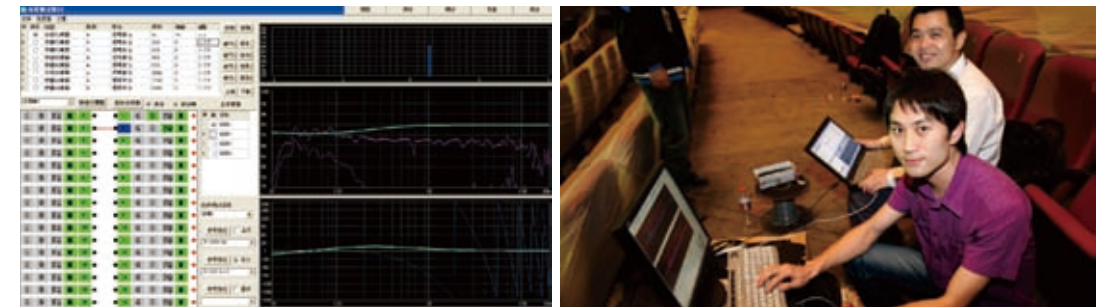
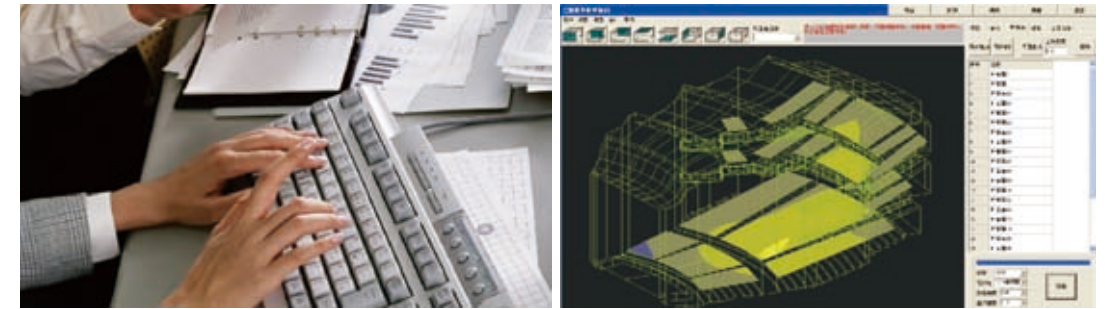
Ensure the best effect of sound field measure acoustic environment parameters of the applied place. Using FFT system, the sound field will be optimized.

#### Protection Settings

Maintain the safe operation of devices. Parameters of working limit of devices. Threshold of working limit of devices.

### • Virtual Adjustment of Sound

Sound adjustment plays an important role in the adjustment part. Traditionally, it is a difficult task due to a number of complex parameters. Fortunately, lemuse Sound Field Prediction System and Remote Control System enable the adjustment become human-oriented and easier. Parameters which are carefully calculated and set away of the site can be applied to on-site devices immediately.



+ Cutting-edge computing technology  
+ Quick-built sound field model

+ Remote pre-adjustment on cloud platform  
+ Highly accurate on-site adjustment

## Trainings

Technical proposal, bidding plan, production drawing  
Features, applications and daily maintenance of product  
Scheme of the installation  
Methods of adjustment, instruction of devices, data analyses  
Basic maintenance and trouble shootings  
Operation Model of enterprises, technical support





## Innovative Research and Development Institute



- Innovative Research and Development Institute is a high-end platform of entertainment equipment and technology application research in the industry and is aimed to cultivate professional talents to be in line with entertainment technology trend in the world.
- Teachers of multimedia technology application research institute are experienced engineers and experts in the field at home and abroad. Integration with theory and practice, they can effectively enhance the trainees' skills and broaden their vision step by step.
- Innovative Research and Development Institute enjoys the authority to give certification to trainees which is the most convincing one in the field.



## Service Concept

Offering total solutions and full service  
Creating best effect



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## Xinjiang Grand Theater

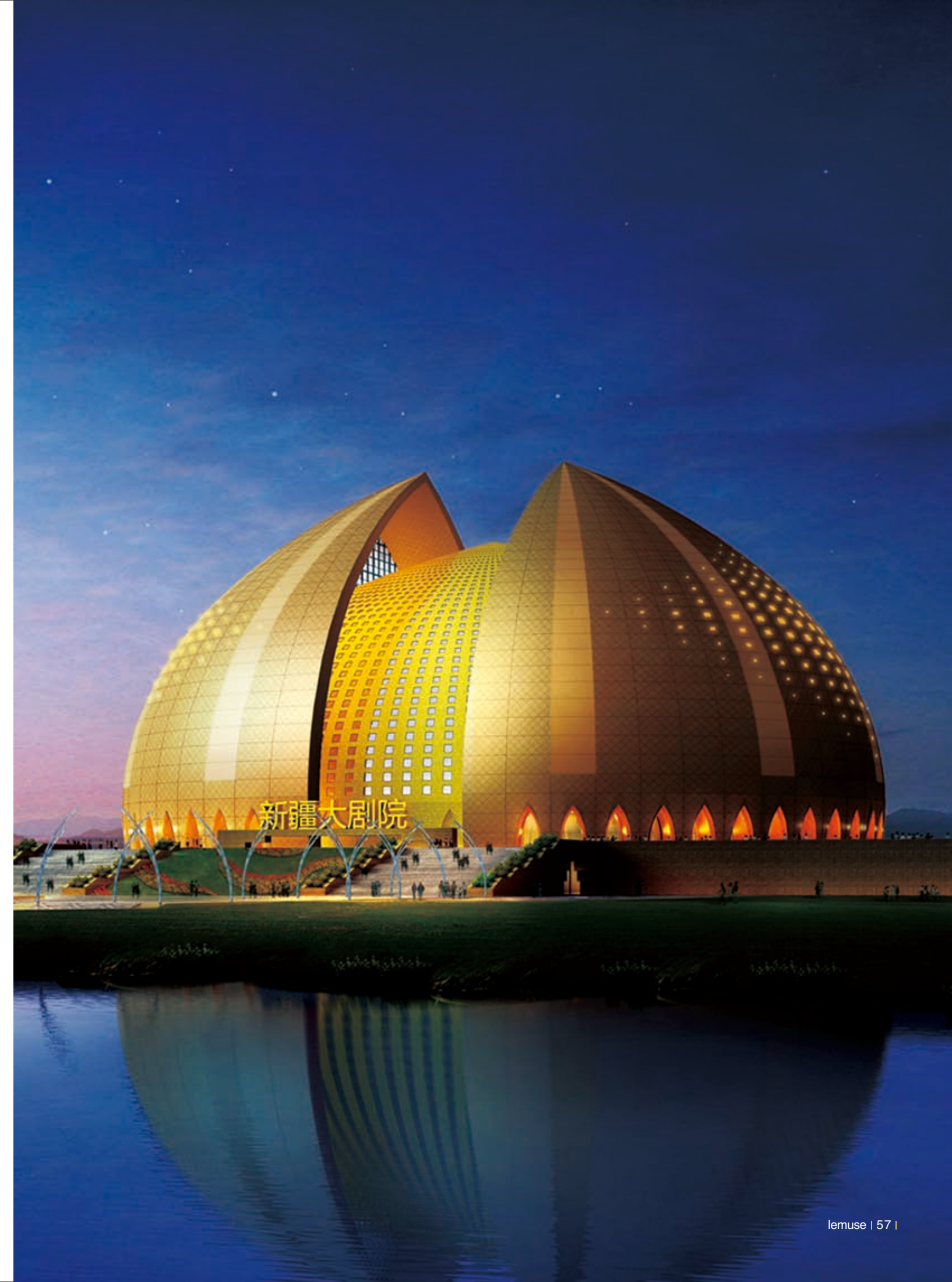
Xinjiang Grand Theater covers area of about 186,666 square meters and it has been invested 1.2 billion RMB, which is a cultural landmark in Xinjiang province of China. Xinjiang Grand Theater is one of the projects aiming to spreading culture of the Western Regions to outlanders.

The daily routine of Xinjiang Grand Theater is dance in traditional style of the Western Regions. The theater presents specific repertory which is designed for attracting tourists and visitors.

Since Xinjiang Grand Theatre is not sponsored by national finance but by nongovernmental capital, the return of investment is the most significant issue that must be taken into consideration. In order to get more investment returns, it aims to offer gorgeous performance and impress audience deeply. When choosing devices for the theater, the decision-makers of Xinjiang Grand Theater experienced and analyzed a lot of devices in the market. Finally, lemuse products were selected because of their outstanding advantages.

In Xinjiang Grand Theater, lemuse sound field prediction system, remote monitoring system, real-time backup system and 120 lemuse speakers are applied.

In addition, lemuse multi-channel (up to 56 channels) system makes great contribution to art effect and emulation of sound and space. With the aid of lemuse integrated control system to achieve the synchronous control of sound, lighting, machinery, and video effects, the operation of performances are human-oriented and reliable.





## Singapore Ciyuan Community Club Theater

Singapore Ciyuan Community Club covers 6000 square meters area and enjoys areas such as shopping center, medical clinics, activity center, cooking workshop, sky garden and dancing room.

The customized sound system for Singapore Ciyuan Community Club is featured by digital acoustic environment system, multichannel system, performance management system, audio automatic backup system, acoustic field prediction system and remote monitoring system. Lemuse speakers and digital acoustic environment system are applied in Ciyuan Community Club. With advanced digital electronic technology, versatile acoustic environment has been built. The digital acoustic environment system can change the reverberation time and the frequency response of the hall. It can simulate the early reflections and can improve the hearing experience among artists on the stage or between the stage and the audience. The integrated control system can switch acoustic mode automatically according to different scenes. Thanks to these cutting technologies, cost of building construction and HVAC has been greatly reduced.



## Qinhuang Gry Grand Theater

Qinhuang Grand Theater is one of the successful commercial activities of introducing the culture of Qin dynasty. Qinhuang Grand Theater has attracted a great number of visitors in the past few years and has become a new tourist destination in Shaanxi province.



## Wuwei Grand Theater

Wuwei Grand Theater covers 7150 m<sup>2</sup> (underground construction area of 2800 m<sup>2</sup>), and is of 1500 seats and a total investment of 51.5089 million RMB. Main part of the theater includes places such as VIP theater, rehearsing and commercial cultural facilities. The underground serves as parking lot, parts warehouse or for other uses. Under the supervision of the 11th five-year plan, it is aimed to promote the development of local cultural industry, to enrich people's life, and to develop cultural communication with foreign countries.

Wuwei Grand Theater is equipped with lemuse speakers, sound and lighting system. In Wuwei Grand Theater, you can enjoy opera, musical drama, Chinese folk art forms, acrobatics, play, and so on.





Since its first show on February 18th, 2012, Back to Pingyao, the first large-scale indoor immersive drama.

## Back To Pingyao

Pingyao is not only a historic city but also is one of the world's cultural heritages. Back to Pingyao is a way for tourists to better understand Pingyao which is a world cultural heritage city and Chinese 5000-year cultural history. This new immersive drama rejuvenates the old city and is helpful for economic structure adjustment in Shanxi Province.

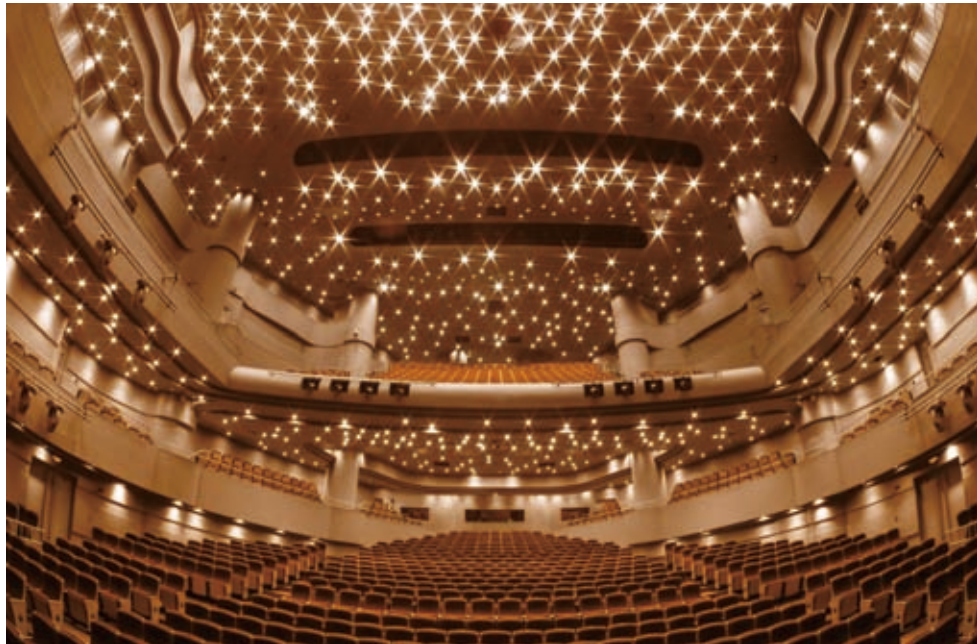
Both lemuse active series and passive series are applied in the theater playing Back to Pingyao. Applying 58 lemuse speakers, sound system and multi-channel system, audience can enjoy the celestial music effect in the old streets when the scenes of the drama are changing. Besides, lemuse team has provided total solution which including design, installation, testing and training.





## Beijing Oriental Theater

Beijing Oriental Culture and Art Center Oriental Theater (briefly as Oriental Theater) is currently the most professional musical theater in China. All the speakers and sound system are provided by lemuse. Digital power amplifiers and 46 lemuse speakers are applied in Oriental Theater. Lemuse microphone distributors provide phantom power which serves as an alternative for the system. Using lemuse devices, the acoustic fidelity in the theater is gorgeous.



## Beijing Bridge Arts Centre

Beijing Tianqiao Performing Arts Center is the key project constructing by Beijing local government. It is designed for protecting folk art forms in Tianqiao area (traditional cultural area in Beijing). Beijing Tianqiao Performing Arts Center consists of large theater (1600-seat), medium theater (1000-seat), small theater (400-seat) and multi-functional hall (300-seat). You can enjoy various art forms such as original musical drama, children's drama, dance, opera, comic, Chinese folk art, acrobatics, magic, and concert in Beijing Tianqiao Performing Arts Center.



Impression Dahongpao

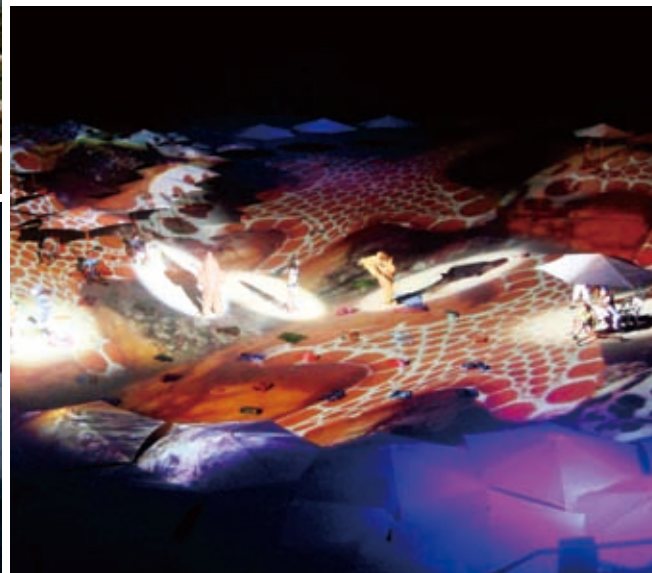
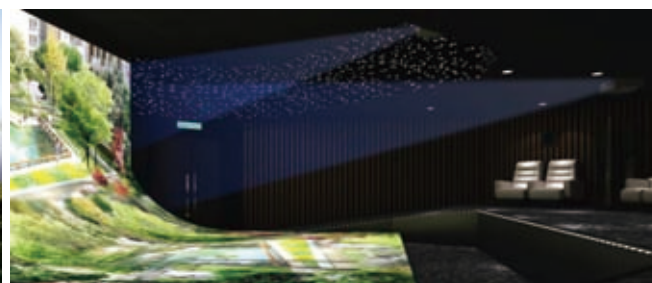




Yellow River Theme Park



Yellow River Theme Park



Changzhou Digital Exhibition  
Songcheng Eternal Love  
Hainan Island Impression



Sound and Light Show in Canton Tower



Hong Kong Disneyland





## Nanning Museum

Nanning Museum is located to the north of Wuxiang Avenue in Nanning. It covers 62,000 square meters and is with 30,000 square meters construction area. Nanning Museum consists of two parts, the overground and upperground. The overground includes exhibition room, multi-functional hall, 4D cinema and etc. The upperground composes of garage, collection room, machine room. Nanning Museum is a unique museum in Nanning for collection, exhibition and studying the history and culture of Nanning.

## Shanghai Film Museum

Shanghai Film Museum consists of four themed exhibition areas. This museum is aimed to introducing movie collections, Chinese movies, movies stories and videos to visitors. It is a good place for education, research and exhibition. Currently, the museum has become the first AAAA tourist destination in Xuhui District of Shanghai.





Legend of the White Snake in Zhenjiang



Beijing Happy Valley



Shenzhen Overseas Chinese Town



Song & Dance Show in Dali (Yunnan Province)



Impression Shanha



Water Show of History in Changzhou



Splendid Science City



East China International Trade Center (Shaanxi Province)