



We are proud of KOREA

ASL
creative acoustic

2020 full catalogue Acoustic science laboratory

DSP Processor



Digital Amplifier



Line Array



Point Array



Column Array





Focuser-308



Focuser-312



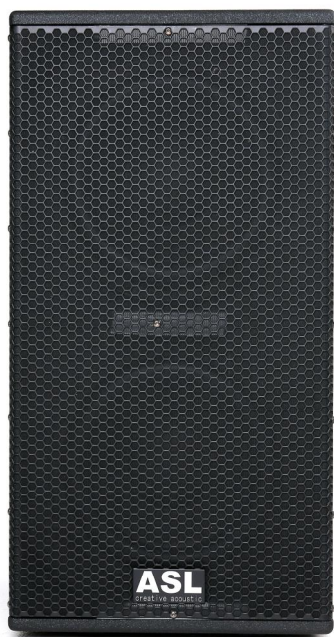
Focuser-08



Focuser-12

Focuser series is an extremely high performance, hybrid line source system incorporating state-of-the-art 2-way speaker technology. It combines innovative line array technology with high quality design. The system was specially developed to provide the best possible sound quality for speech and live music applications in challenging acoustic environments, as well as enabling effective integration into architectural surroundings. 4"x12, 4"x8, 3"x12, 3"x8 high performance speakers arranged in a column, plus 2000watts digital amplifier and DSP system, produce a very direct, cylindrical beam characteristic. At the heart of these cylindrical waveforms, the sound pressure level remains much more constant over distance compared with conventional loudspeakers. This has a very positive effect on the overall sound coverage. What's more, the sound reaches the audience more directly than with other conventional systems. Unwanted reflections from the ceiling or floor can be avoided, which greatly improves speech intelligibility especially in reverberant rooms. Using the Focuser series complex microphone set-ups can also be quickly and easily implemented. For live applications, the Focuser series can be combined with ASL Focuser-S10 or S12 subwoofers.

Model	Focuser-308	Focuser-312	Focuser-08	Focuser-12
Components	3" x 8pcs	3" x 12pcs	4" x 8pcs	4" x 12pcs
Voice coil diameter	19mm	19mm	19mm	19mm
Voice coil material	Copper	Copper	Copper	Copper
Magnetic material	Ferrite	Ferrite	Ferrite	Ferrite
Impedance	6Ω	4Ω	4Ω + 4Ω	4Ω + 4Ω + 4Ω
Coverage	H:90°(-3dB)	H:90°(-3dB)	H:90°(-3dB)	H:90°(-3dB)
Sensitivity	98dB	100dB	98dB	100dB
Maximum SPL	127dB	129dB	128dB	130dB
Powerhandling	320watts@AES	480watts@AES	400watts@AES	600watts@AES
Enclosure shape	Rectangle	Rectangle	Rectangle	Rectangle
Enclosure material	Plywood	Plywood	Plywood	Plywood
Rigging point	I-bolts	I-bolts	I-bolts	I-bolts
Paint	Stone paint	Stone paint	Stone paint	Stone paint
Finish	Texture	Texture	Texture	Texture
Dimensions(WHD)	124 x 694 x 170mm	124 x 1026 x 170mm	159 x 879 x 198mm	159 x 1300 x 198mm
Weight	8Kg	11.5Kg	10.5Kg	14.5Kg

**Focuser-S10****Focuser-S12****FHV100****F5 suspension****FBS/FBW12****FB34R-i**

Model	Focuser-S10	Focuser-S12
System	Sub woofer	Sub woofer
Components	10" x 2pcs	12" x 2pcs
Voice coil diameter	65mm	65mm
Voice coil material	Copper	Copper
Magnetic material	Ferrite	Ferrite
Impedance	4Ω	4Ω
Coverage	360°	360°
Sensitivity	98dB	99dB
Maximum SPL	126dB	128dB
Powerhandling	500watts@AES	600watts@AES
Enclosure shape	Rectangle	Rectangle
Enclosure material	Plywood	Plywood
Rigging point	I-bolts	I-bolts
Paint	Stone paint	Stone paint
Finish	Texture	Texture
Dimensions(WHD)	340 x 649 x 400mm	445 x 732 x 505mm
Weight	21Kg	35Kg



Focuser series is an extremely high performance, hybrid line source system incorporating state-of-the-art 2-way speaker technology. It combines innovative line array technology with high quality design. The system was specially developed to provide the best possible sound quality for speech and live music applications in challenging acoustic environments, as well as enabling effective integration into architectural surroundings. 3"x16 high performance speakers arranged in a column, plus 2000watts digital amplifier and DSP system, produce a very direct, cylindrical beam characteristic. At the heart of these cylindrical waveforms, the sound pressure level remains much more constant over distance compared with conventional loudspeakers. This has a very positive effect on the overall sound coverage. What's more, the sound reaches the audience more directly than with other conventional systems. Unwanted reflections from the ceiling or floor can be avoided, which greatly improves speech intelligibility especially in reverberant rooms. Using the Focuser series complex microphone set-ups can also be quickly and easily implemented. For live applications, the Focuser series can be combined with ASL Focuser-S12R subwoofers.

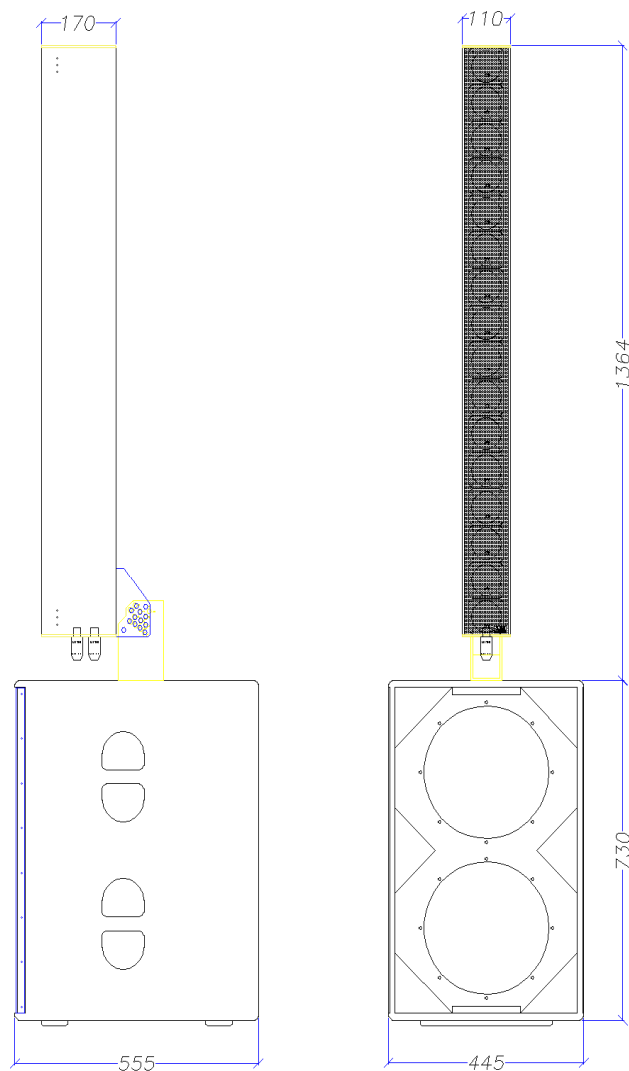
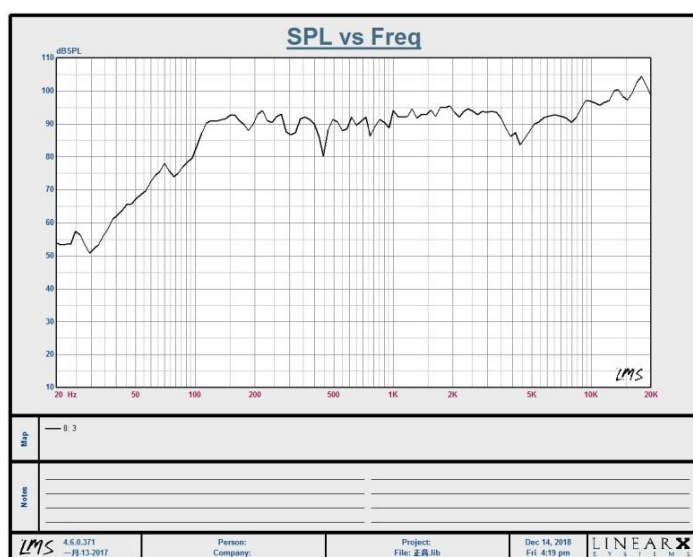
System	4 ways, external crossover required
Components	3" fullrange x 16pcs
Voice coil diameter	18mm
Voice coil material	Copper
Magnetic material	Neodymium
Impedance	16Ω x 16pcs
Coverage	Horizontal : 90°(-3dB) 120°(-5dB)
Sensitivity	100dB @1m/1watt
Maximum SPL	132dB SPL
Powerhandling	40wattsx16pcs@AES
Enclosure shape	Rectangle
Enclosure material	Aluminum
Rigging point	Customized for line type rigging
Finish	Powder painting
Colour	Black or white, custom colour
Dimensions(WHD)	110 x 1270 x 173mm
Weight	12Kg



Rotatable bracket with
vertical and horizontal



precise angle
(-11°~+5°)



Focuser-316R+S12R

Focuser-316R	Powerhandling
NL4MP 1 : 1+	160watts(AES) @ 4Ω 320watts amplifier required
NL4MP 1 : 2+	160watts(AES) @ 4Ω 320watts amplifier required
NL4MP 2 : 1+	160watts(AES) @ 4Ω 320watts amplifier required
NL4MP 2 : 2+	160watts(AES) @ 4Ω 320watts amplifier required
Focuser-S12R	Specifications
Impedance	4Ω
Components	12" Ferrite , Voice coil diameter:100mm
Powerhandling	1000watts(AES)
Connection	NL4MP 1+
Dimensions(WHD)	445 x 730 x 555mm
Weight	00Kg



Focuser series is an extremely high performance, hybrid line source system incorporating state-of-the-art 2-way speaker technology. It combines innovative line array technology with high quality design. The system was specially developed to provide the best possible sound quality for speech and live music applications in challenging acoustic environments, as well as enabling effective integration into architectural surroundings. 4"x16 high performance speakers arranged in a column, plus 2000watts digital amplifier and DSP system, produce a very direct, cylindrical beam characteristic. At the heart of these cylindrical waveforms, the sound pressure level remains much more constant over distance compared with conventional loudspeakers. This has a very positive effect on the overall sound coverage. What's more, the sound reaches the audience more directly than with other conventional systems. Unwanted reflections from the ceiling or floor can be avoided, which greatly improves speech intelligibility especially in reverberant rooms. Using the Focuser series complex microphone set-ups can also be quickly and easily implemented. For live applications, the Focuser series can be combined with ASL Focuser- S12R subwoofers.

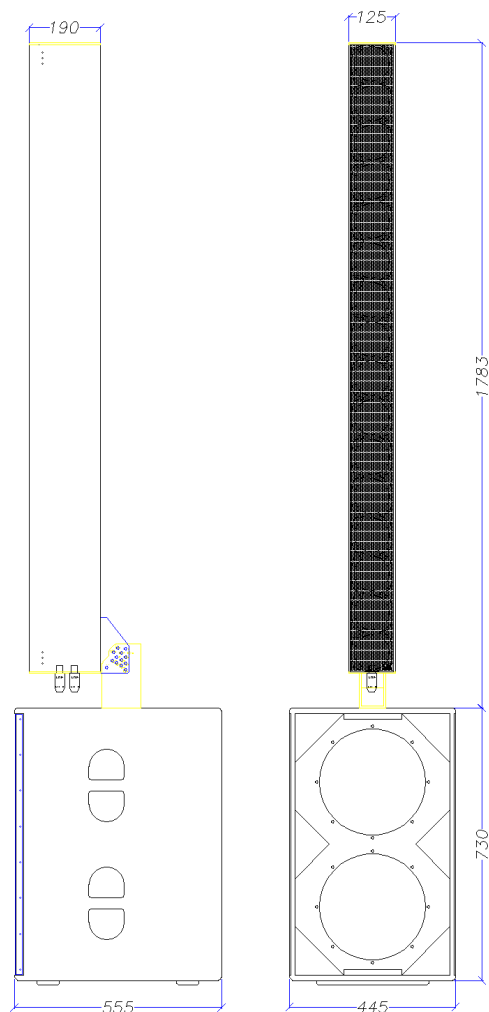
System	4 ways, external crossover required
Components	4" fullrange x 16pcs
Voice coil diameter	18mm
Voice coil material	Copper
Magnetic material	Neodymium
Impedance	16Ω x 16pcs
Coverage	Horizontal : 90°(-3dB) 120°(-5dB)
Sensitivity	103dB @1m/1watt
Maximum SPL	134dB SPL
Powerhandling	50wattsx16pcs@AES
Enclosure shape	Rectangle
Enclosure material	Aluminum
Rigging point	Customized for line type rigging
Finish	Powder painting
Colour	Black or white, custom colour
Dimensions(WHD)	125 x 1690 x 193mm
Weight	15Kg



Rotatable bracket with
vertical and horizontal



precise angle
(-11°~+5°)



Focuser-416R+S12R

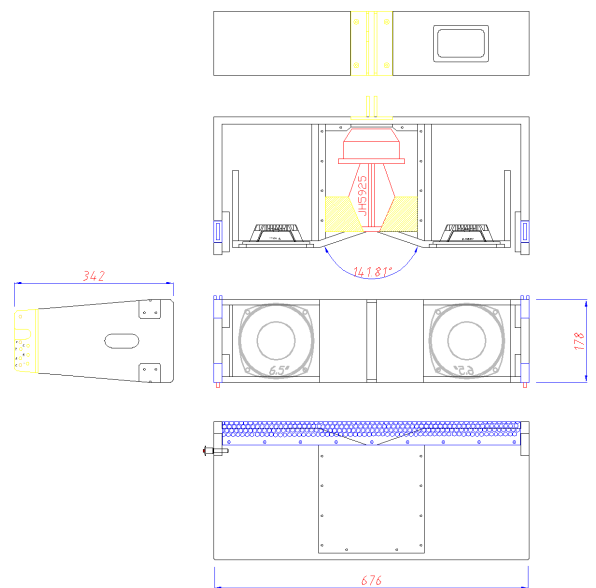
Focuser-416R	Powerhandling
NL4MP 1 : 1+	200watts(AES) @ 4Ω 400watts amplifier required
NL4MP 1 : 2+	200watts(AES) @ 4Ω 400watts amplifier required
NL4MP 2 : 1+	200watts(AES) @ 4Ω 400watts amplifier required
NL4MP 2 : 2+	200watts(AES) @ 4Ω 400watts amplifier required
Focuser-S12R	Specifications
Impedance	4Ω
Components	12" Ferrite , Voice coil diameter:100mm
Powerhandling	1000Watts(AES)
Connection	NL4MP 1+
Dimensions(WHD)	445 x 730 x 555mm
Weight	00Kg



Features

- ▶ Hi fidelity
- ▶ Fine component
- ▶ Easy to rigging
- ▶ Heavy duty grill
- ▶ Durable finish
- ▶ 5 years warranty

This series is specially made for installation and system consists of passive 2ways. Enclosure and all components are defined with new ideas and research of new technology to improve line array speaker system's problem. To meet line array's formula enclosure design has been changed dramatically and in waveguide function changed to the top combination between each enclosure. Especially this Line series have passive crossover inside, it makes easy to build system about the amplifier and crossover. To carry out even and wider dispersion in the site of venue this system has horizontal, 148° it is very unique feature in this market and competitors. And all cabinets use water based paint to keep earth's good environment to prevent pollution emission. We are very proud of this system to produce and provide to the customers.



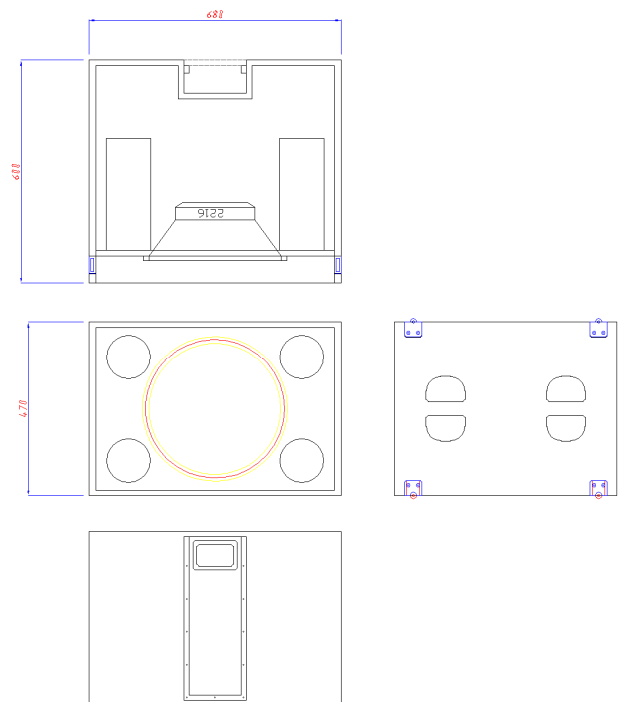
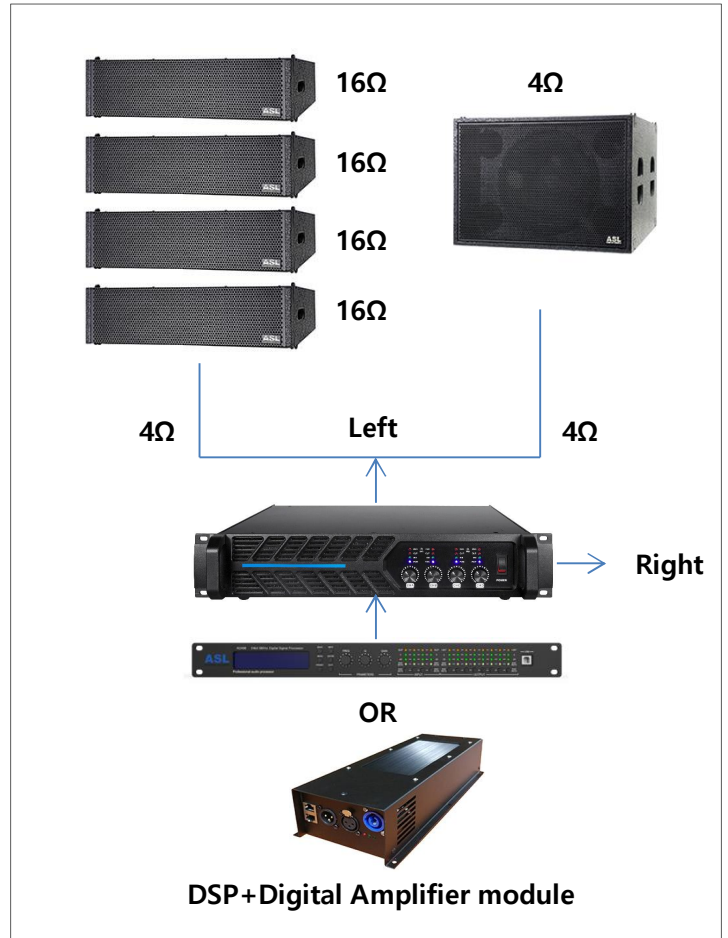
System	2ways passive
Components	Hi:1"compression driver, Low:6.5" woofer
Voice coil diameter	Hi:44mm, Low:50mm
Voice coil material	Copper
Magnetic material	Hi-Ferrite Low-Ferrite
Impedance	16Ω(each 8":16Ω, serial connection)
Coverage	Horizontal-148°, Vertical-not to define it with one box
Sensitivity	105dB @1m/1watt
Maximum SPL	126dB SPL
Powerhandling	300watts@AES
Enclosure shape	Trapezoidal
Enclosure material	Plywood
Rigging point	Customized for line type rigging
Paint	Water based coating
Finish	Texture
Dimensions(WHD)	680x173x342mm
Weight	25.8Kg



Specification

System	Woofer
Components	15"woofer
Voice coil diameter	100mm
Voice coil material	Copper
Magnetic material	Ferrite
Impedance	4Ω
Coverage	Horizontal-360, Vertical-360
Sensitivity	99dB @1m/1watt
Maximum SPL	128dB SPL
Powerhandling	700watts@AES
Enclosure shape	Rectangle
Enclosure material	Plywood
Rigging point	Customized for line type rigging
Paint	Water base coating
Finish	Texture
Dimensions(WHD)	680 x 470 x 600mm
Weight	35.2Kg
Options	96Khz DSP+Digital amp module

Amplitude Applications

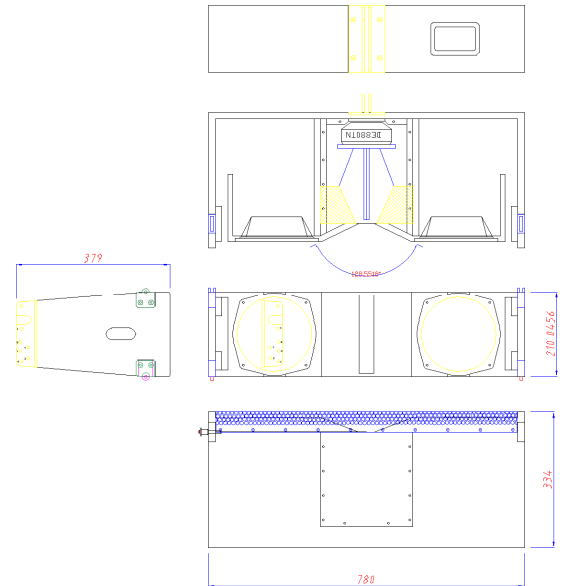




Features

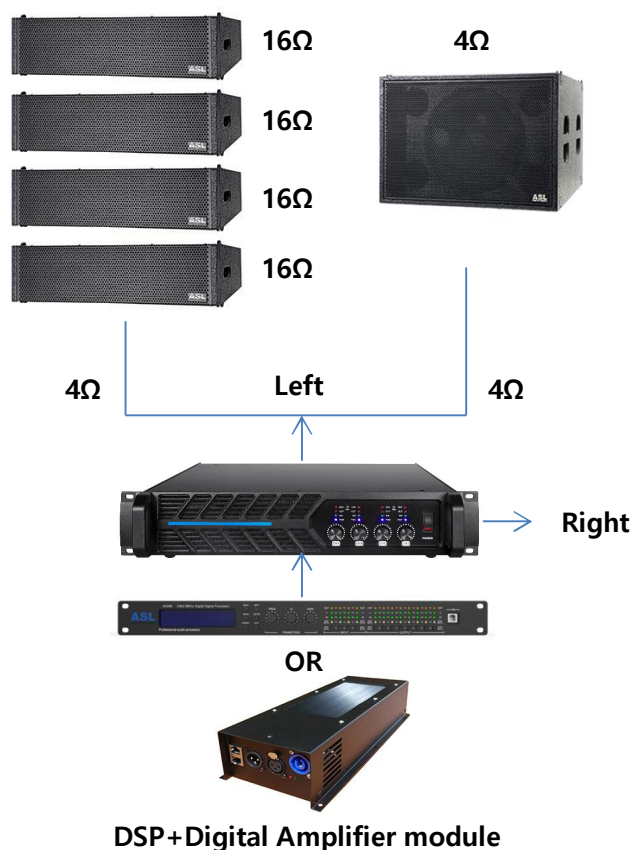
- ▶ Hi fidelity
- ▶ Fine component
- ▶ Easy to rigging
- ▶ Heavy duty grill
- ▶ Durable finish
- ▶ 5 years warranty

This series is specially made for installation and system consists of passive 2ways. Enclosure and all components are defined with new ideas and research of new technology to improve line array speaker system's problem. To meet line array's formula enclosure design has been changed dramatically and in waveguide function changed to the top combination between each enclosure. Especially this Line series have passive crossover inside, it makes easy to build system about the amplifier and crossover. To carry out even and wider dispersion in the site of venue this system has horizontal, 148° it is very unique feature in this market and competitors. And all cabinets use water based paint to keep earth's good environment to prevent pollution emission. We are very proud of this system to produce and provide to the customers.



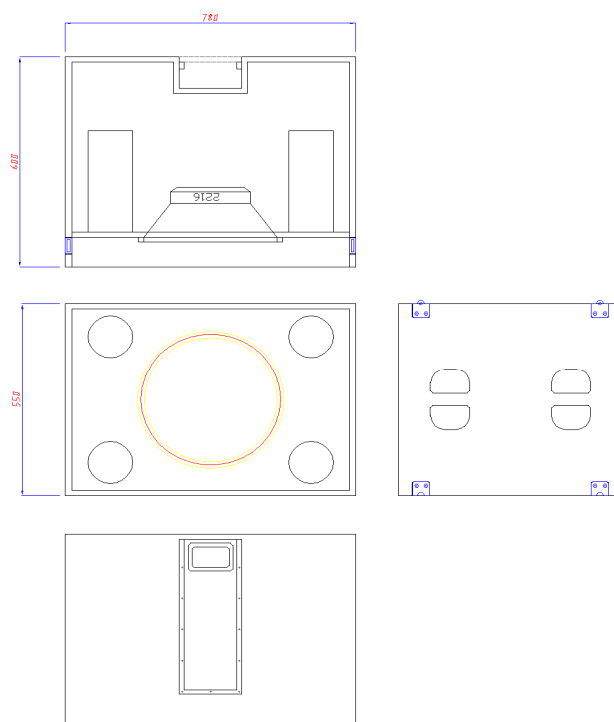
System	2ways passive
Components	Hi:1.5"compression driver, Low:8" woofer
Voice coil diameter	Hi:75mm, Low:60mm
Voice coil material	Copper
Magnetic material	Hi-Neodymium Low-Ferrite
Impedance	16Ω(each 8":16Ω, serial connection)
Coverage	Horizontal-128°, Vertical-not to define it with one box
Sensitivity	106 dB @1m/1watt
Maximum SPL	130dB SPL
Powerhandling	400watts@AES
Enclosure shape	Trapezoidal
Enclosure material	Plywood
Rigging point	Customized for line type rigging
Paint	Water based coating
Finish	Texture
Dimensions(WHD)	780 x 200 x 379mm
Weight	31Kg

Amplitude Applications

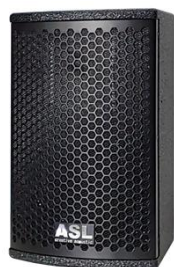


Specification

System	Woofer
Components	15"woofer
Voice coil diameter	100mm
Voice coil material	Copper
Magnetic material	Ferrite
Impedance	4Ω
Coverage	Horizontal-360, Vertical-360
Sensitivity	99dB @1m/1watt
Maximum SPL	128dB SPL
Powerhandling	700watts@AES
Enclosure shape	Rectangle
Enclosure material	Plywood
Rigging point	Customized for line type rigging
Paint	Water based coating
Finish	Texture
Dimensions(WHD)	780 x 550 x 600mm
Weight	37.5Kg
Options	96Khz DSP+Digital amp module



Premium grade quality
High performance to every requirement



Inspiracy 61



Inspiracy 62



Inspiracy 81



Inspiracy 82

This series is specially made for installation and touring purposes of every application needed high quality loudspeakers. Key things of this series provide very clean sound and precise coverage pattern, benefit of line array system. Technically high sensitivity and max SPL prove products quality. Durable finish is very unique, to carry or handle enclosure is very safe for scratch. So in case of outdoor using, we guarantee 100% no scratch and protection from water or rain. This type of coating also gives enclosure to be strong, and improves sound quality and less resonance. Inspiracy series can meet all requirements for every kinds of applications such as sound reproduction and live show, club, mobile system, permanent installation. And the reason we guarantee 5 years warranty is we are sure the reliability and quality of products, we are sure of this system provides different level and quality, convenience ever than pre competitors.

Model	Inspiracy 61	Inspiracy 62	Inspiracy 81	Inspiracy 82
System	2ways passive	2ways passive	2ways passive	2ways passive
Components	1" + 6.5"	1" + 6.5" x 2pcs	1" + 8"	1" + 8" x 2pcs
Voice coil diameter	34mm+40mm	34mm+40mm	44mm+50mm	44mm+50mm
Voice coil material	Copper	Copper	Copper	Copper
Magnetic material	Ferrite	Ferrite	Ferrite	Ferrite
Impedance	8Ω	4Ω	8Ω	4Ω
Coverage(HxV)	90° x 60°	90° x 60°	90° x 60°	90° x 60°
Sensitivity	92dB	94dB	93dB	95dB
Maximum SPL	118dB	121dB	120dB	123dB
Powerhandling	100watts@AES	200Watts@AES	150Watts@AES	300Watts@AES
Enclosure shape	Trapezoidal	Trapezoidal	Trapezoidal	Trapezoidal
Enclosure material	Plywood	Plywood	Plywood	Plywood
Rigging point	I-bolts	I-bolts	I-bolts	I-bolts
Paint	Polyurea	Polyurea	Polyurea	Polyurea
Finish	Texture	Texture	Texture	Texture
Dimensions(WHD)	210 x 380 x 220mm	210 x 480 x 220mm	250 x 432 x 262mm	250 x 625 x 262mm
Weight	5.24Kg	8.04Kg	9.29Kg	14.61Kg


Inspiracy 12/12T

Inspiracy 15/15T

Model	Inspiracy 12/12T	Inspiracy 15/15T
System	2ways passive	2ways passive
Components	1"+12" 1.5"+12"(15T)	1"+15" 1.5"+15"(15T)
Voice coil diameter	44mm+75mm 75mm+75mm(12T)	44mm+75mm 75mm+75mm(15T)
Voice coil material	Copper	Copper
Magnetic material	Ferrite	Ferrite
Impedance	8Ω	8Ω
Coverage(HxV)	90° x 60°	90° x 60°
Sensitivity	99dB/101dB	99dB/101dB
Maximum SPL	130dB/132dB(12T)	130dB/132dB(15T)
Powerhandling	500watts@AES	500watts@AES
Enclosure shape	Trapezoidal	Trapezoidal
Enclosure material	Plywood	Plywood
Rigging point	I-bots	I-bolts
Paint	Polyurea	Polyurea
Finish	Texture	Texture
Dimensions(WHD)	360 x 630 x 440mm	443 x 713 x 510mm
Weight	21.18Kg/22.88Kg	26.04Kg/27.82Kg



Inspiracy 118



Inspiracy 218

Model	Inspiracy 118	Inspiracy 218
System	Sub woofer	Sub woofer
Components	18"x1pc	18"x2pcs
Voice coil diameter	100mm	100mm
Voice coil material	Copper	Copper
Magnetic material	Ferrite	Ferrite
Impedance	8Ω	8Ω+8Ω
Coverage(HxV)	360°	360°
Sensitivity	99dB	102dB
Maximum SPL	133dB	136dB
Powerhandling	700watts@AES	1400watts@AES
Enclosure shape	Rectangle	Rectangle
Enclosure material	Plywood	Plywood
Rigging point	I-bolts	I-bolts
Paint	Polyurea	Polyurea
Finish	Texture	Texture
Dimensions(WHD)	546 x 670 x 800mm	1092 x 560 x 900mm
Weight	50Kg	98Kg

Portable system for outdoor application

Model	RX-08	RX-12
System	2ways passive	2ways passive
Components	Hi:1" driver, Low:8"	Hi:1" driver, Low:12"
Voice coil diameter	Hi:34mm, Low:50mm	Hi:44mm, Low:60mm
Voice coil material	Copper	Copper
Magnetic material	Hi-Ferrite Low-Ferrite	Hi-Ferrite Low-Ferrite
Impedance	Hi:8Ω, Low:8Ω	Hi:8Ω, Low:8Ω
Coverage(HxV)	90° x 60°	90° x 60°
Sensitivity	98 dB @1m/1watt	99dB @1m/1watt
Maximum SPL	120dB SPL	128dB SPL
Powerhandling	150watts@AES	200watts@AES
Enclosure shape	Trapezoidal	Trapezoidal
Enclosure material	Plywood	Plywood
Rigging point	I-bolts	I-bolts
Paint	Polyurethane	Polyurethane
Finish	Texture	Texture
Dimensions(WHD)	271 x 440 x 287mm	360 x 571 x 360mm
Weight	11Kg	17.5Kg



RX-08



RX-12

Model	RX-118	RX-218
System	Sub woofer	Sub woofer
Components	18" x 1pc	18" x 2pcs
Voice coil diameter	100mm	100mm
Voice coil material	Copper	Copper
Magnetic material	Ferrite	Ferrite
Impedance	8Ω	8Ω+8Ω
Coverage	360°	360°
Sensitivity	99dB @1m/1watt	99dB @1m/1watt
Maximum SPL	130dB SPL	136dB SPL
Powerhandling	500watts@AES	1200watts@AES
Enclosure shape	Trapezoidal	Trapezoidal
Enclosure material	Plywood	Plywood
Rigging point	I-bolts	I-bolts
Paint	Polyurethane	Polyurethane
Finish	Texture	Texture
Dimensions(WHD)	560 x 815 x 600mm	1092 x 560 x 845mm
Weight	32Kg	98Kg



RX-218



RX-118

Enjoy the sound at your party



EXP-05

EXP-08

EXP-10

EXP-12

EXP-15

EXP-12M

	EXP-05	EXP-08	EXP-10
System	Two way passive	Two way passive	Two way passive
Components	Hi:1" silk dome, Low:5.5"	Hi:1" driver, Low:8"	Hi:1" driver, Low:10"
Voice coil	Hi:25mm, Low:30mm	Hi:34mm, Low:50mm	Hi:34mm, Low:50mm
Frequency range	120Hz-19Khz	100Hz-19Khz	90Hz-19Khz
Magnetic material	Hi-Ferrite Low-Ferrite	Hi-Ferrite Low-Ferrite	Hi-Ferrite Low-Ferrite
Impedance	Hi:8Ω, Low:8Ω	Hi:8Ω, Low:8Ω	Hi:8Ω, Low:8Ω
Coverage	90°x90°(HxV)	90°x60°(HxV)	90°x60°(HxV)
Sensitivity	86 dB @1m/1watt	98 dB @1m/1watt	98 dB @1m/1watt
Maximum SPL	106dB SPL	120dB SPL	123dB SPL
Power handling	60watts@AES	150watts@AES	200watts@AES
Enclosure shape	Trapezoidal	Trapezoidal	Trapezoidal
Enclosure material	Plywood	Plywood	Plywood
Rigging Point	1 bolt	1 bolt	1 bolt
Paint	Polyurethane	Polyurethane	Polyurethane
Finish	Texture	Texture	Texture
Dimensions(WHD)	185mmx290mmx130mm	283mmx430mmx290mm	337mmx513mmx330mm
Weight	3.56Kg	8.5Kg	11.3Kg

	EXP-12	EXP-12M	EXP-15
System	Two way passive	Two way passive	Two way passive
Components	Hi:1" driver, Low:12"	Hi:1" driver, Low:12"	Hi:1" driver, Low:15"
Voice coil	Hi:44mm, Low:60mm	Hi:44mm, Low:60mm	Hi:44mm, Low:60mm
Frequency range	80Hz-19Khz	80Hz-19Khz	70Hz-19Khz
Magnetic material	Hi-Ferrite Low-Ferrite	Hi-Ferrite Low-Ferrite	Hi-Ferrite Low-Ferrite
Impedance	Hi:8Ω, Low:8Ω	Hi:8Ω, Low:8Ω	Hi:8Ω, Low:8Ω
Coverage	90°x60°(HxV)	90°x60°(HxV)	Horizon90°x60°(HxV)
Sensitivity	99 dB @1m/1watt	99 dB @1m/1watt	99 dB @1m/1watt
Maximum SPL	124dB SPL	124dB SPL	125dB SPL
Power handling	250watts@AES	250watts@AES	300watts@AES
Enclosure shape	Trapezoidal	Trapezoidal	Trapezoidal
Enclosure material	Plywood	Plywood	Plywood
Rigging Point	1 bolt	1 bolt	1 bolt
Paint	Polyurethane	Polyurethane	Polyurethane
Finish	Texture	Texture	Texture
Dimensions(WHD)	360mmx571mmx360mm	331mmx571mmx440mm	422mmx696mmx465mm
Weight	15Kg	15Kg	21.5Kg

DSP + Power Amplifier + Audio Mixer

ADA96 : 24bit 96Khz Digital signal processor
4inputs x 8outputs, all pass filter



DA-4000/5000 : 4channels digital amplifiers
DA-4000 : 1700watts x 4chs @ 4Ω
DA-5000 : 2350watts x 4chs @ 4Ω



PA-4600/4800/41000 : 4channels analog amplifiers
PA-4600 : 600watts x 4chs @ 8Ω
PA-4800 : 800watts x 4chs @ 8Ω
PA-41000 : 1000watts x 4chs @ 8Ω



Level 300/600/1200 : 2channels analog amplifiers
Level 300 : 300watts x 2chs @ 4Ω
Level 600 : 600watts x 2chs @ 4Ω
Level 1200 : 1200watts x 2chs @ 4Ω



ASD-4000 : 2channels digital amplifier
1700watts x 2chs @ 4Ω



AS-6600/8600 : 6/8channels digital amplifiers
500watts x 6 chs@4Ω
500watts x 8chs @ 4Ω



ALX 12



ALX 16



Features



Applications:

Meeting room Medium
large conference rooms
Courtrooms
Auditoriums
Multi-purpose spaces
Stadium
Professional performance

Key Features :

- ▲ Sampling rate 96k24BIT
- ▲ 7 PEQS per input and 7PEQS per output.
- ▲ High and low pass filter,ALLpass
- ▲ Support for multiple connection mode , USB , TCP/IP , RS232 , RS485
- ▲ Support mobile APP wireless control
- ▲ Support multiple machines networking and joint debugging, remote monitoring

Signal Processor	ADI SHARC 21489
Audio latency	2.8ms
AD DA converters	24 bit
Sampling rate	96Khz
Input Impedance	22KΩ
Output Impedance	150Ω
Frequency Response	20Hz-40Khz(+/-0.5dB)
THD+N	-90dB(0dBu@ 1Khz A-weight Line
SNB	108dB(16dBu@ 1Khz A-weight Line
Communication port	USB, RS232, TCPIP
LED Status indicators	Clip, Level, EDIT, Mute
PEQ	7 for in and out
Filter	High and Low, Allpass
Mobile APP	Support
Multiple connection	Support
Dante	Option
Delay	1 second
Control software	Windows 7/8/10
Operation temperature	-20°C~80°C
Main Voltage	AC 90-264V 50/60Hz
Dimensions	483mm x 45mm x 226mm(WHD)
Net Weight	3.2Kg

Features



- * Advanced switching power supply technology, can provide high quality sound, compact volume.
- * Low noise and high quality speed controlled fan, using industry best cooling fan of minimize the noise.
- * With built-in soft start circuit for low AC surge current, can replace the power sequencer.
- * Standard Combined XLR connector. * Built-in Clipping limiting device.
- * Clipping limiting device with comprehensive status indicators on the front panel, including the power lamp, pressure limit light, protection lamp and so on.
- * Full protection circuits, power amplifier consists of overload protection, short circuit protection, temperature protection, power limitation protection, signal pressure limit protection, dc protection current, peak limiting protection, etc. Power protection includes under voltage protection, over voltage protection, over current pressure limit protection, over-current shutdown protection, over temperature protection, etc.
- 19" rack mount design in 1 RU height.

The 1U Class-D range power amplifiers are our latest digital professional power amplifier, which is the new milestone in switch power technology amplifiers. It is of light and 1RU height but can provide you with unprecedented strong power in extremely bad electricity environment.

There are two different kinds series of our class-d power amplifier series: two and four channel. Which they have stable 2 ohm low impedance function so that could drive the line array speaker perfectly.

The professional class-D power amplifier using classic PW M circuit and perfect protection circuit, with high stability and applicability, timbre large dynamic range, small volume, light weight, high efficiency, small distortion, high power, etc

Model	DA-4000	DA-5200
Description	Professional Class-D Power Amplifier	
Rated Output 8Ω	4X1000W	4x1300W
Rated Output 4Ω	4x1700W	4x2350W
Rated Output 2Ω	4x2900W	4x3370W
Bridge Output 16Ω	2x2000W	2x3000W
Bridge Output 8Ω	2x3400W	2x5100W
Bridge Output 2Ω	2x5780W	2x7140W
RMS output Voltage	89.4V	109.5V
Rising slope	50v/us	
IMD-SMPTE	<0.1%	
THD @ 1kHz	<0.1%, 1dB below clip	
Frequency Response	20-1kHz	
Damping Coefficient	≥5000 (8Ω, 20-200Hz)	
Input Sensitivity	1V	
Input Impedance	20KΩ (bal.), 10KΩ (unbal.)	
Crosstalk	>75dB	
Protection	Clip, high temp, overload and short circuit	
Cooling	Temperature controlled fan	
Power Supply	AC 110~240V, 50/60Hz	
Dimension (mm)	483(W)×465(D)×44(H)	483(W)×465(D)×44(H)
Net Weight	12 kg	13 kg

Features

Analog 4channels high power

Limiter, High pass filter, DC protection

Stereo, Mono, Bridge available

Standard 2U



	PA-4600	PA-4800	PA-41000
Input channels	4	4	4
Rated input power	220V 60Hz	220V 60Hz	220V 60Hz
Output power	600watts x 4 @8Ω	800watts x 4 @8Ω	1000watts x 4 @8Ω
	900watts x 4 @4Ω	1300watts x 4 @4Ω	1800watts x 4 @4Ω
Input sensitivity	0dB(0.775Vrms)/1V/1.4V	0dB(0.775Vrms)/1V/1.4V	0dB(0.775Vrms)/1V/1.4V
Frequency response	20Hz-20Khz(+/-0.38dB)	20Hz-20Khz(+/-0.38dB)	20Hz-20Khz(+/-0.38dB)
Impedance	Balance:30KΩ Unbalance:15KΩ	Balance:30KΩ Unbalance:15KΩ	Balance:30KΩ Unbalance:15KΩ
Slew rate	30Vus >	30Vus >	30Vus >
Damping factor	300>	300>	300>
Crosstalk	70dB@1Khz >	70dB@1Khz >	70dB@1Khz >
S/N rate	100dB>	100dB>	100dB>
Total harmonic distortion	0.1 1Khz 8Ω @1W<	0.1 1Khz 8Ω @1W<	0.1 1Khz 8Ω @1W<
Inter modulation distortion	0.2% 8Ω @1W<	0.2% 8Ω @1W<	0.2% 8Ω @1W<
Dimensions	483mm x 100 x 405(WHD)	483mm x 100 x 460(WHD)	483mm x100 x 460(WHD)
Weight	21Kg	26Kg	28Kg

Features



- ▶ Hi fidelity
- ▶ Fine components
- ▶ AB, H class
- ▶ Troidal power supply
- ▶ Ruggid design
- ▶ 1 year warranty

The Level Series of power amplifiers from ASL represents a new era in affordable, quality power amplification.

All four models in the series are powerful, rugged and reliable. They are suited for musicians, DJs, and entertainers as well as houses of worship, discos, and pubs. The three models in the series are the Level300, Level600 and Level1200. They are identical except for output power. Features XLR inputs, user selectable input sensitivity of 0.755V or 1.4V, Speakon and binding post outputs, stereo/parallel/bridge-monop mode, power/fault/signal presence/clip indicators, forced-air cooling ; and protection against shorts, no-load, on/off thumps and radio-frequency interference. With over six decades of experience designing and building rock-solid products, ASL want to be the standard in amplifier technology. So check out the affordable Level Series. They are a powerful argument for quality and value.

Series	Level 300	Level 600	Level 1200
Output	200wattsx2ch @ 8Ω, 300wattsx2ch @ 4Ω	450wattsx2ch @ 8Ω, 600wattsx2ch @ 4Ω	850wattsx2ch @ 8Ω, 1200wattsx2ch @ 4Ω
Frequency response 1watt into	20Hz-20Khz +0/-1dB	20Hz-20Khz +0/-1dB	20Hz-20Khz +0/-1dB
Crosstalk (Below rated power)	20Hz to 1kHz >70dB	20Hz to 1kHz >70dB	20Hz to 1kHz >70dB
Input Impedance	20Kilohms balanced	20Kilohms balanced	20Kilohms balanced
Load Impedance	4-16 ohms	4-16 ohms	4-16 ohms
Maximum Input Signal	+22dBu typical	+22dBu typical	+22dBu typical
Input sensitivity	0.775v /1.44V(selectable)	0.775v /1.44V(selectable)	0.775v /1.44V(selectable)
Operating Temperature	0°C to 40°C 95% relative humidity	0°C to 40°C 95% relative humidity	0°C to 40°C 95% relative humidity
Ventilation	Flow through ventilation from front to back	Flow through ventilation from front to back	Flow through ventilation from front to back
Cooling	Heat sinks and Proportional-Speed fan	Heat sinks and Proportional-Speed fan	Heat sinks and Proportional-Speed fan
Dimension	485 x 89 x 309mm (WHD)	485 x 89 x 379mm (WHD)	485 x 89 x 379mm (WHD)
Weight	9.5Kg	15.5Kg	20.5Kg

Key Features

- D-PRE (Discrete Class-A Mic Preamps)
- High Quality Sound Op-amp
- Switchable Phantom Power & PAD Switch
- Knob Compressors
- EQ and High-pass Filters
- AUX / Effect Sends / Group



General Tips

Now in its third incarnation, the AXL Series embodies this pursuit of design excellence, and incorporates some of the same technologies developed for use in high-end professional consoles, including studio-quality preamps, powerful digital processing, and a rugged, reliable construction. With an intuitive, easy-to-use interface, the AXL Series boasts an extensive lineup of compact mixing consoles with models ranging from six to twenty channels, suitable for a diverse range of users and applications. For installed, recording, or live music settings, the solid construction and flexible design of these consoles lets you shape your sound with confidence, continually delivering peak performance and a level of sound quality and reliability unrivalled in its class.

Series	ALX12	ALX16
Total harmonic distortion	0.03%@ + 14dBu (20Hz to 20KHz), 0.005%@ + 24dBu (1KHz)	0.03%@ + 14dBu (20Hz to 20KHz), 0.005%@ + 24dBu (1KHz)
Frequency response	+0.5dB/-1.5dB (20Hz to 48KHz), Refer to the nominal output level@ 1KHz	+0.5dB/-1.5dB (20Hz to 48KHz), Refer to the nominal output level@ 1KHz
Equivalent input	-128dBu (Mono Input Channel, Rs: 150Ω)	-128dBu (Mono Input Channel, Rs: 150Ω)
Output noise	-102dBu (Stereo Out, Stereo master fader: Min)	-102dBu (Stereo Out, Stereo master fader: Min)
Crosstalk	-78dB	-78dB
Power requirements	AC100 - 240V, 50/60Hz	AC100 - 240V, 50/60Hz
Input	Mono 4 , Mono/Stereo 2 , Stereo Line 2	Mono 8 , Mono/Stereo 2 , Stereo Line 2
Output	St Out 2, Mo Out 1, Ph 1, AUX 2, Group 2	St Out 2, Mo Out 1, Ph 1, AUX 4, Group 4
Effect	SPX algorithm: 24 programs, PARAMETER control: 1, FOOT SW: 1	SPX algorithm: 24 programs, PARAMETER control: 1, FOOT SW: 1
Dimension / Weight	308 x 118 x 422mm (WHD) / 4.2Kg	444 x 130 x 500mm (WHD) / 6.8Kg

Key Features

- ▶ 8chs 15A
- ▶ LED voltage meter
- ▶ LED light on front
- ▶ Surge protection
- ▶ Burst noise protection
- ▶ 1 years warranty

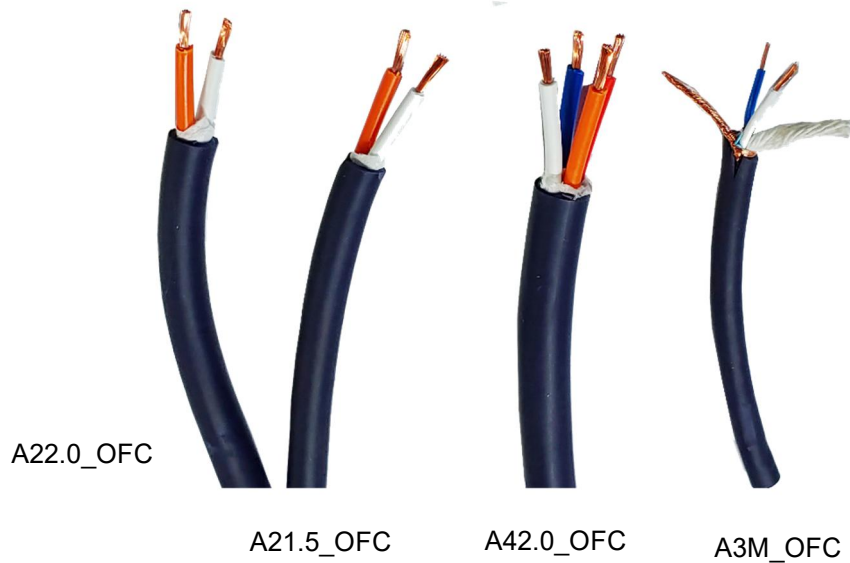


Specification

Power	AC220V 60Hz
No. of channel	8channels
Output power	220V 60Hz, 15A(each)
Stand by power	One in front panel
Volt meter	LED display
Link	20 units linkable
DC output	24V 5A
Front button	Channel on/off, by pass, power on/off
Protection circuit	Surge protection circuit for in and out All output Surge protection circuit Input Burst noise protection circuit
Sequential operation	
Voltage tolerance	5-8%
Stand-by power consumption	10watts
Ground	It should be ground all the time.
Fuse	2A 220V

Features

- ▶ Hi fidelity
- ▶ Installation
- ▶ Mobile application
- ▶ Easy to soldering
- ▶ Oxygen free
- ▶ Flexible skin



Specification

	A22.0_OFC	A21.5_OFC	A42.0_OFC	A3M_OFC
No. of conductor	2	2	4	3
Purpose	Speaker	Speaker	Speaker	Signal/mic
Total diameter	9mm	8mm	11mm	6mm
Conductor diameter	2mm			
Conductor skin	PVC	PVC	PVC	PVC
Conductor skin dia.	3.5mm	3.0mm	3.5mm	1.5mm
Conductor Skin colour	White/orange	White/orange	White/orange Red/Blue	White/blue
Skin colour	Deep blue	Deep blue	Deep blue	Deep blue
Braid shield	no	no	no	copper
Oxygen free copper	yes	yes	yes	Yes
Resistance Ω /100m	0.8	0.9	0.8	1.6
Conductor	0.1x90	0.1x60	0.1x90	0.08x50

Manufacturer ASL Co. We guarantee 5 years for all ASL products fully

Homepage www.aslaudio.co.kr Email: asl@aslaudio.co.kr / hgkim@aslaudio.co.kr

Address 900, Seongjugayasan-ro, Suryun-myeon, Seongju-gun, Gyeongsangbuk-do, Republic of Korea Post code:40064

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Features

- ▶ Hi fidelity
- ▶ Fine component
- ▶ Easy to soldering
- ▶ Heavy duty housing
- ▶ Gold contact
- ▶ 5 years warranty

AXL_F



AXL_M



4 conductors



A-Speakon

Manufacturer ASL Co. We guarantee 5 years for all ASL products fully

Homepage www.aslaudio.co.kr Email: asl@aslaudio.co.kr / hgkim@aslaudio.co.kr

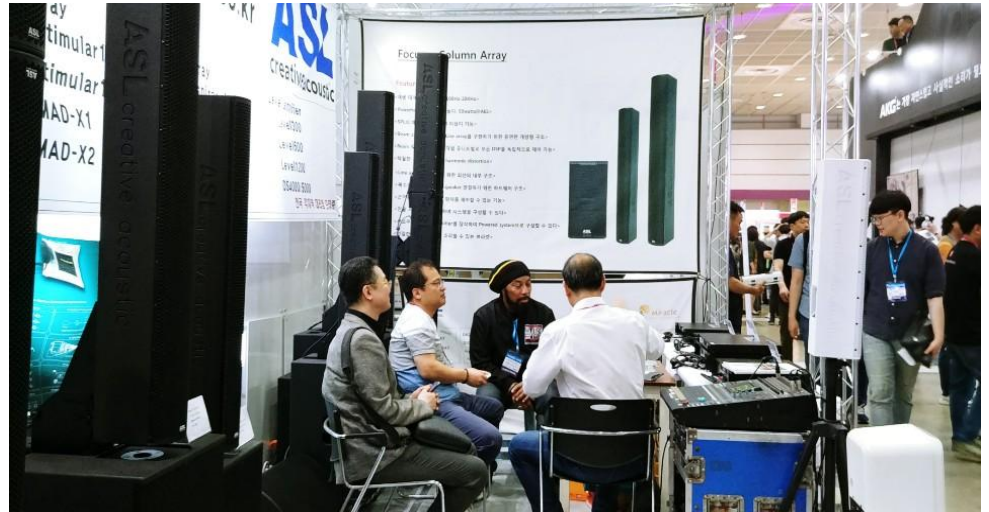
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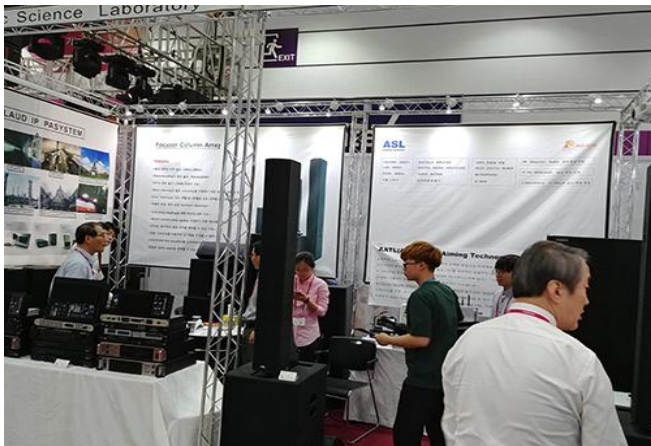
Company News



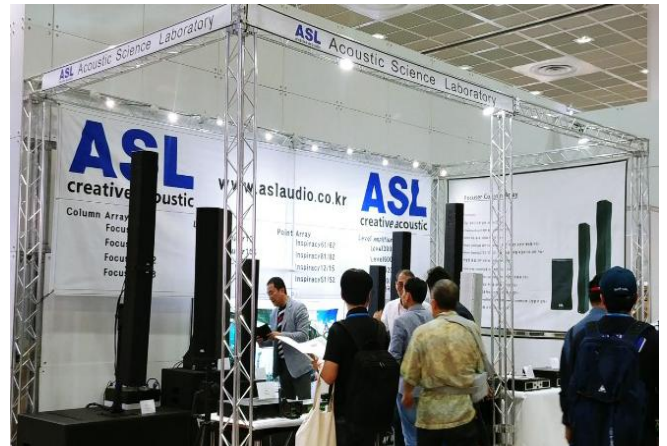
Founder & developer HG KIM



Buyer meeting



KOBA 2018



KOBA 2019



Factory in China

Line array

Column array

Point array

Analog amplifier

Digital amplifier

Analog audio mixer

Digital signal processor

Microphone

Direct box

History

1999 SEG established

2000 L-TEX 70 line array system

2001 L-TEX20/30/50 point array system

2002 L-TEX80 line array system

2004 L-TEX75 line array system

2005 Line array waveguide development

2006 Project8 line array system

2007 Project10 line array system

2008 Point 1/2/3/5/7 system

2009 SMF series

2010 IE series

2012 AS series

(Factory 2 established in China)

2016 **ASL** established

2017 Venture company

2018 Patents for column array



Head Office

900, Seongjugayasan-ro Seongju-gun Gyeongsangbuk-do Republic of Korea

TEL:82-54-932-3346 FAX: 82-54-932-3347 Email:asl@aslaudio.co.kr

Factory 1

900, Seongjugayasan-ro Seongju-gun Gyeongsangbuk-do Republic of Korea

TEL:82-54-932-3346 FAX: 82-54-932-3347 Email:asl@aslaudio.co.kr

Factory 2

Jimadicuncsicun2hao-Luoyang-Boluo-Huizhou-Guangdong-CHINA

TEL:86-752-686-7813 FAX:86-752-686-7810 Email:smsktc@hanmail.net