LAX®




# CINEMA CATALOGUE 2026-2027

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**About Us:**

The POPE Professional Acoustics Ltd – We design and manufacture world class pro audio solutions in the brand name of LAX**.** The LAX is our registered brand and it stands with the high quality products that have advanced technology presented.

At the LAX team, we do understand the demands of a performance venue. We also understand the exacting demands of a Systems Integration partner for a boardroom, huddle room, auditoriums, house of worship, education, transportation and hospitality segments. The company also has integrated pro audio solutions for the entertainment segment and the commercial cinema segments. The LAX meets and exceeds the performance standards in each and every segment, that it is present in. The LAX team endeavours to meet these demands, from background to foreground, regardless.

**Mission:**

The POPE Professional Acoustics Ltd, constantly strives to raise the quality of sound systems, to deliver pristine audio to its valuable customers.

**Vision:**

The POPE Professional Acoustics Ltd, redefines the global standard for technology, quality and support of professional sound reinforcement solutions.

**Commitment:**

The POPE Professional Acoustics Ltd, will always keep customer experience in the forefront. We will always, consistently deliver products that adheres to quality, reliability and performance standards.

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# Power Amplifier

## Description

The LAX® introduces new Cinema amplifier with Class D technology offering smooth and responsive handling with massive power output while maintaining LAX's famous sonic integrity. The LAX Professional CA Series is using SMPS technology, the resulting high power, lightweight units designed for install and professional touring sound applications.

The LAX® CA Series is a range of 4 channels, high output power amplifiers. The CA Series has been designed to provide that, Powerful Pure Sonic Performance which is now so synonymous with the LAX® brand name. With the introduction of the CA Series LAX® aim to deliver simple, pure and reliable power for applications where cost and ease of use are paramount without lose of integrity.




## Features

- Class - D Technology
- Power Factor Correction
- Four-channel flexibility
- XLR input and output connectors
- Self protection design
- Efficient cooling system
- Comprehensive protection

## Applications

- Stadium
- Concerts
- Touring events
- Clubs and Discos
- Places of worship
- Theatre and Auditorium
- Educational Institutions

## Power Output

**Ratings (RMS @ 1% THD @ 230VAC)**

| Model | Total Channels | 4Ω Per Channel | 8Ω Per Channel | 4Ω Bridged | 8Ω Bridged | 70/100V |
|---|---|---|---|---|---|---|
| **CA-500** | 4 | 500W | 250W | 2*1250W | 2*1250W | 2*800W |
| **CA-800** | 4 | 800W | 400W | 2*2500W | 2*1600W | 2*1600W |
| **CA-1250** | 4 | 1250W | 1250W | - | - | 4*800W |
| **CA-2500** | 4 | 2500W | 1600W | - | - | 4*1600W |

## Specifications

| | | | | |
|---|---|---|---|---|
| THD | < 0.05 % (20 Hz - 20 kHz, 8 Ω load, 3 dB below rated power) | | | |
| Signal-to-Noise Ratio | > 120 dB (A-weighted, 20 Hz - 20 kHz, 8 Ω load) | | | |
| Frequency Response | 20 Hz - 20 kHz ± 0.25 dB / 20 Hz - 20 kHz ± 0.15 dB (8 Ω load, 1 dB below rated power) | | | |
| Output Circuitry | Class D - full bandwidth PWM modulator with ultra low distortion | | | |
| Input impedance | 15 kΩ balanced | | | |
| Damping Factor | > 2000 (8 Ω load, 1 kHz and below) | | | |
| Gain and Level | | | | |
| Amplifier gain selectable(Sensitivity) | 0.7 / 1.0 / 1.44 Volt | | | |
| Level adjustment (per ch) | Front-panel potentiometer | | | |
| | | | | |
| Connectors and Switches | | | | |
| Input connectors (per ch) | 3-pin XLR, electronically balanced | | | |
| Output connectors (per ch) | 3-pin XLR, electronically balanced | | | |
| Amplifier Output | 4 Pin Speakon 1: +1-1 CH-1, +2-2 CH-2 & 4 Pin Speakon 2: +1-1 CH-3, +2-2 CH-4 | | | |
| Mode | CA-500, CA-800 Stereo / Parallel / Bridge | | | |
| | CA-1250, CA-2500 Stereo / Parallel | | | |
| Power on/off | on front-panel switch | | | |
| Cooling | Fans, front-to-rear airflow | | | |
| | | | | |
| Front-panel indicators | | | | |
| Per channel | Power / Output signal / Clip/ Protect | | | |
| Stereo / Parallel / Bridge | 1 & 2, 3 & 4 Channels | | | |
| | | | | |
| Safety | | | | |
| Protection Circuits | Input limiter, short circuit protection, DC protection of output, under & over voltage protection, SOA protection, intelligent mains fuse protection, power stage overload protection, temperature protection for transformer | | | |
| Power | | | | |
| Type | Universal & regulated switch mode power supply with Power Factor Correction | | | |
| Operating voltage | Universal Mains, 90-270V AC | | | |
| Mains | Power Cord | | | |
| Model | **CA-500** | **CA-800** | **CA-1250** | **CA-2500** |
| Amplifier Dimension | 482 mm x 374 mm x 88 mm (W x D x H) | | 482 mm x 487 mm x 88 mm (W x D x H) | |
| Packing Dimension | 585 mm x 471 mm x 195 mm (W x D x H) | | 585 mm x 535 mm x 195 mm (W x D x H) | |
| Size | 2U | | | |
| Net Weight | 9.30 kg | 9.60 kg | 13.80 kg | 14.30 kg |
| Gross Weight | 10.80 kg | 11.10 kg | 15.70 kg | 16.20 kg |

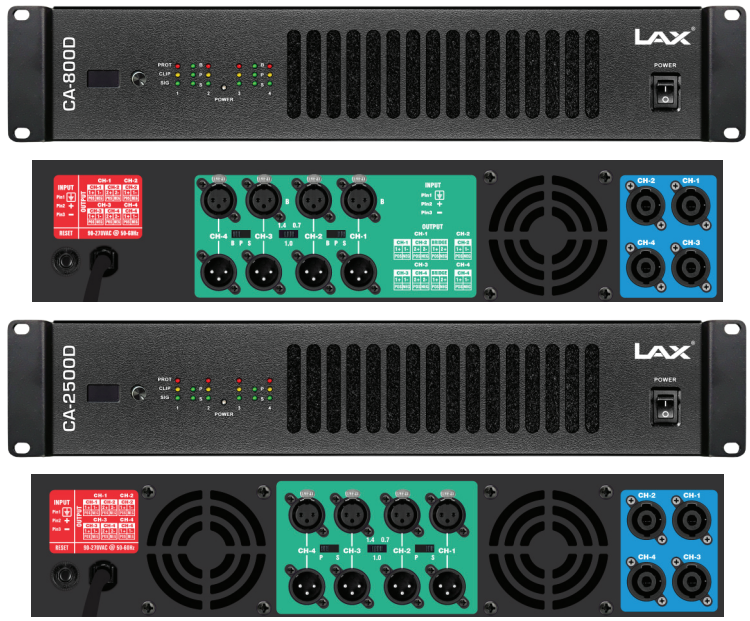
Note:

1) All specifications are typical values.
2) The amplifier will be fully operational at 2 ohm loads, but due to physical constraints in the construction, this mode of operation is not recommended.
3) The CA-500 & CA-800 amplifiers have to select bridge mode for 70/100V operation.

## Description

The LAX® introduces new Cinema amplifier with Class D technology offering smooth and responsive handling with massive power output while maintaining LAX's famous sonic integrity. The LAX Professional CA-D Series is using SMPS technology with built in 4 in 4 out DSP, the resulting high power, lightweight units designed for install and professional touring sound applications.

The LAX® CA-D Series is a range of 4 channels, high output power amplifiers. The CA-D Series has been designed to provide that, Powerful Pure Sonic Performance which is now so synonymous with the LAX® brand name. With the introduction of the CA-D Series LAX® aim to deliver simple, pure and reliable power for applications where cost and ease of use are paramount without lose of integrity.




## Features

- Class - D Technology
- Power Factor Correction
- Four-channel flexibility
- XLR input and output connectors
- Self protection design
- Efficient cooling system
- Comprehensive protection
- 4 in 4 out DSP
- In/Out 10 Band Equalizer
- 20 Presets
- PC Control via USB

## Applications

- Stadium
- Concerts
- Touring events
- Clubs and Discos
- Places of worship
- Theatre and Auditorium
- Educational Institutions

## Power Output

Ratings (RMS @ 1% THD @ 230VAC)

| Model | Total Channels | 4Ω Per Channel | 8Ω Per Channel | 4Ω Bridged | 8Ω Bridged | 70/100V |
|---|---|---|---|---|---|---|
| **CA-500D** | 4 | 500W | 250W | 2*1250W | 2*1250W | 2*800W |
| **CA-800D** | 4 | 800W | 400W | 2*2500W | 2*1600W | 2*1600W |
| **CA-1250D** | 4 | 1250W | 1250W | - | - | 4*800W |
| **CA-2500D** | 4 | 2500W | 1600W | - | - | 4*1600W |

## Specifications

| | |
|---|---|
| THD | < 0.05 % (20 Hz - 20 kHz, 8 Ω load, 3 dB below rated power) |
| Signal-to-Noise Ratio | > 120 dB (A-weighted, 20 Hz - 20 kHz, 8 Ω load) |
| Frequency Response | 20 Hz - 20 kHz ± 0.25 dB / 20 Hz - 20 kHz ± 0.15 dB (8 Ω load, 1 dB below rated power) |
| Output Circuitry | Class D - full bandwidth PWM modulator with ultra low distortion |
| Input impedance | 15 kΩ balanced |
| Damping Factor | > 2000 (8 Ω load, 1 kHz and below) |
| **Gain and Level** | |
| Amplifier gain selectable (Sensitivity) | 0.7 / 1.0 / 1.44 Volt |
| Level adjustment (per ch) | Front-panel potentiometer |
| **Digital Signal Processor** | |
| In / Out | 4 In / 4 Out |
| DSP | 32 bit / 96kHz DSP |
| Control | USB |
| Preset | 20 |
| **Input A,B,C,D** | |
| Equalizer | 10 Band, PEQ / LS6 / LS12 / HS6 / HS 12/ APF |
| Volume | -60dB to 5dB |
| Delay | 0 to 4.99ms |
| **Output 1,2,3,4** | |
| Equalizer | 10 Band, PEQ / LS6 / LS12 / HS6 / HS 12/ APF / APF-1 |
| Delay | 0 to 9.99ms |
| Limiter | -19dB to 0dB |
| Crossover | HPF / LPF |
| Input Link | A, B, C, D |
| Output Link | 1, 2, 3, 4 |
| **Connectors and Switches** | |
| Input connectors (per ch) | 3-pin XLR, electronically balanced |
| Output connectors (per ch) | 3-pin XLR, electronically balanced |
| Amplifier Output | 4 Pin Speakon 1: +1-1 CH-1, +2-2 CH-2 & 4 Pin Speakon 2: +1-1 CH-3, +2-2 CH-4 |
| Mode | CA-500D, CA-800D Stereo / Parallel / Bridge |
| | CA-1250D, CA-2500D Stereo / Parallel |
| Power on/off | on front-panel switch |
| Cooling | Fans, front-to-rear airflow |
| **Front-panel indicators** | |
| Per channel | Power / Signal / Clip / Protect |
| Stereo / Parallel / Bridge | 1 & 2, 3 & 4 Channels |

| | | | | |
|---|---|---|---|---|
| **Safety** | | | | |
| Protection Circuits | Input limiter, short circuit protection, DC protection of output, under & over voltage protection, SOA protection, intelligent mains fuse protection, power stage overload protection, temperature protection for transformer | | | |
| **Power** | | | | |
| Type | Universal & regulated switch mode power supply with Power Factor Correction | | | |
| Operating voltage | Universal Mains, 90-270V AC | | | |
| Mains | Power Cord | | | |
| Model | **CA-500D** | **CA-800D** | **CA-1250D** | **CA-2500D** |
| Amplifier Dimension | 482 mm x 374 mm x 88 mm (W x D x H) | | 482 mm x 487 mm x 88 mm (W x D x H) | |
| Packing Dimension | 585 mm x 471 mm x 195 mm (W x D x H) | | 585 mm x 535 mm x 195 mm (W x D x H) | |
| Size | 2U | | | |
| Net Weight | 9.30 kg | 9.60 kg | 13.80 kg | 14.30 kg |
| Gross Weight | 10.80 kg | 11.10 kg | 15.70 kg | 16.20 kg |

Note:

1) All specifications are typical values.
2) The amplifier will be fully operational at 2 ohm loads, but due to physical constraints in the construction, this mode of operation is not recommended.
3) The CA-500D & CA-800D amplifiers have to select bridge mode for 70/100V operation.

# Surround Speaker

## DESCRIPTION

The LAX® SR Series, two way surround speakers has been designed ground up with POPE Professional® 8", 10", 12" and 15" Diameter LF drivers. These drivers are linear with high sensitivity. The SR Series surround speakers have easy mounting options, with top mounted barrier strip to aid parallel connectivity. The port holes on the top have mesh to prevent any foreign debris from entering inside. The SR Series can be used for many demanding surround sound reinforcement applications.



## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-8** |
| Class | : | 1*8" Two way surround speaker |
| Power Rating | : | 150W Continuous* |
| Frequency Response | : | 100Hz - 20kHz |
| SPL** | : | 105dB Continuous, 108dB peak |
| Impedance | : | 8Ω |
| **Transducer Sections** | | |
| **Low Frequency** | : | 1*8" (204 mm) Diameter POPE Professional® Transducer |
| Voice Coil Diameter | : | 25 mm (1") |
| Voice Coil Material | : | Copper |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Steel |
| Cone Surround | : | TSV |
| Former Material | : | Glass Fibre |
| Input Power Rating | : | 100 Watts Continuous<br>200 Watts Program<br>400 Watts Peak |
| Sensitivity | : | 99dB SPL (1W @ 1m) |
| Nominal Impedance | : | 8Ω |
| Frequency Response | : | 100Hz - 4800Hz |
| **High Frequency** | : | 1*1" throat POPE Professional® Compression driver |
| Input Power Rating | : | 50 Watts Continuous<br>100 Watts Program<br>200 Watts Peak |
| Voice Coil Diameter | : | 34 mm (1.33") |
| Magnet Material | : | Ferrite |
| Throat Diameter | : | 25.4 mm (1") |
| Diaphragm Material | : | Titanium |
| Voice coil material | : | Copper Clad Aluminum Wire |
| Sensitivity | : | 101 dB SPL (1W @ 1m) |
| Nominal Impedance | : | 8Ω |
| Frequency Response | : | 1600Hz - 20kHz |
| Crossover Frequency | : | 2.8 kHz |
| Crossover Mode | : | Built in Passive Crossover Network |
| **Enclosure** | | |
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular 15° downward tilt cabinet |
| Grill | : | Powder coated, black, 16-gauge perforated steel grill with charcoal foam backing |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Coverage Pattern (H x V) | : | 90° x 90° |
| Packing | : | Foam with wooden crate carton packing |
| Mounting | : | Rear |
| Dimensions (H x W x D) | : | 400 mm x 336 mm x 312 mm |
| Net Weight | : | 12 kg |

## FEATURES

- 8", 10", 12" and 15" Diameter woofer
- 1" (25 mm) Throat compression driver
- Titanium HF Diaphragms
- Rectangular 15° downward tilt cabinet
- M10 points for safety harness

## APPLICATION

- Commercial cinemas
- Sports venues
- House of worship
- Entertainment venues
- Performances venues
- Corporate AV
- Installed sound
- Educational Institutions
- Hospitals

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-10** |
| Class | : | 1*10" Two way surround speaker |
| Power Rating | : | 200W Continuous* |
| Frequency Response | : | 85Hz - 20kHz |
| SPL** | : | 109dB Continuous, 118dB peak |
| Impedance | : | 8Ω |



**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 1*10" (254 mm) Diameter POPE Professional® Transducer |
| Voice Coil Diameter | : | 38 mm (1.5") |
| Voice Coil Material | : | Copper |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Steel |
| Cone Surround | : | TSV |
| Former Material | : | Glass Fibre |
| Input Power Rating | : | 150 Watts Continuous<br>300 Watts Program<br>600 Watts Peak |
| Sensitivity | : | 97dB SPL (1W @ 1m) |
| Nominal Impedance | : | 8Ω |
| Frequency Response | : | 85Hz - 4200Hz |

| | | |
|---|---|---|
| **High Frequency** | : | 1*1" throat POPE Professional® Compression driver |
| Input Power Rating | : | 50Watts Continuous<br>100 Watts Program<br>200 Watts Peak |
| Voice Coil Diameter | : | 34 mm (1.33") |
| Magnet Material | : | Ferrite |
| Throat Diameter | : | 25.4 mm (1") |
| Diaphragm Material | : | Titanium |
| Voice coil material | : | Copper Clad Aluminum Wire |
| Sensitivity | : | 101 dB SPL (1W @ 1m) |
| Nominal Impedance | : | 8Ω |
| Frequency Response | : | 1600Hz - 20kHz |
| Crossover Frequency | : | 2.6 kHz |
| Crossover Mode | : | Built in Passive Crossover Network |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular 15° downward tilt cabinet |
| Grill | : | Powder coated, black, 16-gauge perforated steel grill with charcoal foam backing |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Coverage Pattern (H x V) | : | 90° x 90° |
| Packing | : | Foam with wooden crate carton packing |
| Mounting | : | Rear |
| Dimensions (H x W x D) | : | 450 mm x 361 mm x 349 mm |
| Net Weight | : | 15 kg |

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-12** |
| Class | : | 1*12" Two way surround speaker |
| Power Rating | : | 350W Continuous* |
| Frequency Response | : | 65Hz - 20kHz |
| SPL** | : | 110dB Continuous, 121dB peak |
| Impedance | : | 8Ω |
| **Transducer Sections** | | |
| **Low Frequency** | : | 1*12" (305 mm) Diameter POPE Professional® Transducer |
| Voice Coil Diameter | : | 65 mm (2.6") |
| Voice Coil Material | : | Copper |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Steel |
| Cone Surround | : | TSV |
| Former Material | : | Glass Fibre |
| Input Power Rating | : | 300 Watts Continuous |
| | | 600 Watts Program |
| | | 1200 Watts Peak |
| Sensitivity | : | 97dB SPL (1W @ 1m) |
| Nominal Impedance | : | 8Ω |
| Frequency Response | : | 65Hz - 3200Hz |
| **High Frequency** | : | 1*1" throat POPE Professional® Compression driver |
| Input Power Rating | : | 50 Watts Continuous |
| | | 100 Watts Program |
| | | 200 Watts Peak |
| Voice Coil Diameter | : | 34 mm (1.33") |
| Magnet Material | : | Ferrite |
| Throat Diameter | : | 25.4 mm (1") |
| Diaphragm Material | : | Titanium |
| Voice coil material | : | Copper Clad Aluminum Wire |
| Sensitivity | : | 101 dB SPL (1W @ 1m) |
| Nominal Impedance | : | 8Ω |
| Frequency Response | : | 1600Hz - 20kHz |
| Crossover Frequency | : | 2.4 kHz |
| Crossover Mode | : | Built in Passive Crossover Network |




| | | |
|---|---|---|
| **Enclosure** | | |
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular 15° downward tilt cabinet |
| Grill | : | Powder coated, black, 16-gauge perforated steel grill with charcoal foam backing |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Coverage Pattern (H x V) | : | 90° x 90° |
| Packing | : | Foam with wooden crate carton packing |
| Mounting | : | Rear |
| Dimensions (H x W x D) | : | 512 mm x 406 mm x 395 mm |
| Net Weight | : | 21 kg |

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-15** |
| Class | : | 1*15" Two way surround speaker |
| Power Rating | : | 450 W Continuous* |
| Frequency Response | : | 54Hz - 20kHz |
| SPL** | : | 110dB Continuous, 118dB peak |
| Impedance | : | 8Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 1*15" (380 mm) Diameter POPE Professional® Transducer |
| Voice Coil Diameter | : | 75 mm (3") |
| Voice Coil Material | : | Copper |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Steel |
| Cone Surround | : | TSV |
| Former Material | : | Glass Fibre |
| Input Power Rating | : | 400 Watts Continuous |
| | | 800 Watts Program |
| | | 1600 Watts Peak |
| Sensitivity | : | 96dB SPL (1W @ 1m) |
| Nominal Impedance | : | 8Ω |
| Frequency Response | : | 54Hz - 3200Hz |




| | | |
|---|---|---|
| **High Frequency** | : | 1*1" throat POPE Professional® Compression driver |
| Input Power Rating | : | 50 Watts Continuous |
| | | 100 Watts Program |
| | | 200 Watts Peak |
| Voice Coil Diameter | : | 34 mm (1.33") |
| Magnet Material | : | Ferrite |
| Throat Diameter | : | 25.4 mm (1") |
| Diaphragm Material | : | Titanium |
| Voice coil material | : | Copper Clad Aluminum Wire |
| Sensitivity | : | 101 dB SPL (1W @ 1m) |
| Nominal Impedance | : | 8Ω |
| Frequency Response | : | 1600Hz - 20kHz |
| Crossover Frequency | : | 2.4 kHz |
| Crossover Mode | : | Built in Passive Crossover Network |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular 15° downward tilt cabinet |
| Grill | : | Powder coated, black, 16-gauge perforated steel grill with charcoal foam backing |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Coverage Pattern (H x V) | : | 90° x 90° |
| Packing | : | Foam with wooden crate carton packing |
| Mounting | : | Rear |
| Dimensions (H x W x D) | : | 612 mm x 480 mm x 474 mm |
| Net Weight | : | 27 kg |

# Coaxial Surround Speaker

## DESCRIPTION

The LAX® SR-C Series, coaxial speakers has been designed ground up with POPE Professional® 8", 10", 12" and 15" Diameter coaxial drivers. These drivers are linear with high sensitivity. The SR-C Series has easy mounting options, with top mounted barrier strip to aid parallel connectivity. The port holes on the top have mesh to prevent any foreign debris from entering inside. The SR-C Series can be used for many demanding high end surround sound reinforcement applications.

## FEATURES

- 8", 10", 12" and 15" Diameter coaxial drivers
- Titanium HF Diaphragms
- Rectangular 15° downward tilt cabinet
- M10 points for safety harness

## APPLICATION

- Commercial cinemas
- Sports venues
- House of worship
- Entertainment venues
- Performances venues
- Corporate AV
- Installed sound
- Educational Institutions
- Hospitals



## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-8C** |
| Class | : | 8" Coaxial Surround Speaker |
| Power Rating | : | 225W Continuous<br>450W Program<br>900W Peak |
| Frequency Response | : | 95Hz - 18kHz |
| System Sensitivity (1W @ 1M) | : | 96dB SPL |
| Maximum Rated SPL | : | 120dB continuous, 126dB peak |
| Impedance | : | 8Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 8" (210 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 52 mm (2") |
| Voice Coil Material | : | Copper |
| Former Material | : | Kapton |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Nominal Impedance | : | 8Ω |

| | | |
|---|---|---|
| **High Frequency** | : | 1" (25 mm) Throat POPE Professional® Transducer |
| Voice Coil | : | 36 mm (1.4") |
| Voice Coil Material | : | CCAW |
| Diaphragm Material | : | Titanium |
| Magnet Material | : | Ferrite |
| Crossover Mode | : | Passive LR 24dB Oct 1.8kHz |
| Nominal Impedance | : | 8Ω |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular 15° downward tilt cabinet |
| Grill | : | Powder coated, black, 16-gauge perforated steel grill with charcoal foam backing |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Coverage Pattern (H x V) | : | 90° x 90° |
| Packing | : | Foam with wooden crate carton packing |
| Mounting | : | Rear |
| Dimensions (H x W x D) | : | 400 mm x 336 mm x 312 mm |
| Net Weight | : | 13 kg |

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-10C** |
| Class | : | 10” Coaxial Surround Speaker |
| Power Rating | : | 330W Continuous<br>660W Program<br>1320W Peak |
| Frequency Response | : | 80Hz - 18kHz |
| System Sensitivity (1W @ 1M) | : | 97dB SPL |
| Maximum Rated SPL | : | 122dB continuous, 128dB peak |
| Impedance | : | 8Ω |



**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 10" (250 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 75 mm (3") |
| Voice Coil Material | : | Copper |
| Former Material | : | Kapton |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Nominal Impedance | : | 8Ω |
| **High Frequency** | : | 1.4" (36 mm) Throat POPE Professional® Transducer |
| Voice Coil | : | 75 mm (3") |
| Voice Coil Material | : | CCAW |
| Diaphragm Material | : | Titanium |
| Magnet Material | : | Ferrite |
| Crossover Mode | : | Passive LR 24dB Oct 1.8kHz |
| Nominal Impedance | : | 8Ω |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular 15° downward tilt cabinet |
| Grill | : | Powder coated, black, 16-gauge perforated steel grill with charcoal foam backing |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Coverage Pattern (H x V) | : | 90° x 90° |
| Packing | : | Foam with wooden crate carton packing |
| Mounting | : | Rear |
| Dimensions (H x W x D) | : | 450 mm x 361 mm x 349 mm |
| Net Weight | : | 16 kg |

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-12C** |
| Class | : | 12” Coaxial Surround Speaker |
| Power Rating | : | 430W Continuous<br>860W Program<br>1720W Peak |
| Frequency Response | : | 65Hz - 18kHz (-10dB, half space) |
| System Sensitivity (1W @ 1M) | : | 98dB SPL |
| Maximum Rated SPL | : | 124.5dB continuous, 130.5dB peak |
| Impedance | : | 8Ω |



**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 12" (320 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 76 mm (3") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Nominal Impedance | : | 8Ω |
| **High Frequency** | : | 1.4" (36 mm) Throat POPE Professional® Transducer |
| Voice Coil | : | 75 mm (3") |
| Voice Coil Material | : | CCAW |
| Diaphragm Material | : | Titanium |
| Magnet Material | : | Ferrite |
| Crossover Mode | : | Passive LR 24dB Oct 1.8kHz |
| Nominal Impedance | : | 8Ω |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular 15° downward tilt cabinet |
| Grill | : | Powder coated, black, 16-gauge perforated steel grill with charcoal foam backing |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Coverage Pattern (H x V) | : | 90° x 90° |
| Packing | : | Foam with wooden crate carton packing |
| Mounting | : | Rear |
| Dimensions (H x W x D) | : | 512 mm x 406 mm x 395 mm |
| Net Weight | : | 22 kg |

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-15C** |
| Class | : | 15” Coaxial Surround Speaker |
| Power Rating | : | 480W Continuous<br>960W Program<br>1920W Peak |
| Frequency Response | : | 55Hz - 18kHz (-10dB, half space) |
| System Sensitivity (1W @ 1M) | : | 99dB SPL |
| Maximum Rated SPL | : | 126dB continuous, 132dB peak |
| Impedance | : | 8Ω |



| | | |
|---|---|---|
| **Transducer Sections** | | |
| **Low Frequency** | : | 15" (380 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 76 mm (3") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Nominal Impedance | : | 8Ω |
| **High Frequency** | : | 1.4" (36 mm) Throat POPE Professional® Transducer |
| Voice Coil | : | 75 mm (3") |
| Voice Coil Material | : | CCAW |
| Diaphragm Material | : | Titanium |
| Magnet Material | : | Ferrite |
| Crossover Mode | : | Passive LR 24dB Oct 1.8kHz |
| Nominal Impedance | : | 8Ω |

| | | |
|---|---|---|
| **Enclosure** | | |
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular 15° downward tilt cabinet |
| Grill | : | Powder coated, black, 16-gauge perforated steel grill with charcoal foam backing |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Coverage Pattern (H x V) | : | 90° x 90° |
| Packing | : | Foam with wooden crate carton packing |
| Mounting | : | Rear |
| Dimensions (H x W x D) | : | 612 mm x 480 mm x 474 mm |
| Net Weight | : | 28 kg |

# Surround Sub-woofers

## DESCRIPTION

The LAX® SR-18B single 18” flat surround sub-woofer enclosure with its high sensitivity POPE Professional® transducer, is designed ground up to provide sub frequency extension to modern cinema surround applications.



## FEATURES

- Single 18" (460 mm) Diameter Transducer
- 4” (100 mm) voice coil
- High sensitivity (98 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-18B** |
| Class | : | 18” Sub-woofer |
| Power Rating | : | 1200 W Continuous<br>2400 W Program<br>4800 W Peak |
| Frequency Range | : | 23Hz - 240Hz (-10dB, half space)<br>25Hz - 185Hz (-6dB, half space) |
| System Sensitivity (1W @ 1M) | : | 101dB SPL |
| Maximum Rated SPL | : | 129dB continuous, 134dB peak |
| Impedance | : | 8Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 18" (460 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 100 mm (4") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Nominal Impedance | : | 8Ω |
| Crossover Mode | : | Bi-amp |
| Recommended Processing | : | LF boost Freq. = 25 Hz<br>0.71 BW or 2.0Q<br>Gain = +6 dB |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 1060 mm x 1060 mm x 280 mm |
| Net Weight | : | 50 kg |

## DESCRIPTION

The LAX® SR-218B dual 18” flat surround sub-woofer enclosure with its high sensitivity POPE Professional® transducers, is designed ground up to provide sub frequency extension to modern cinema surround applications.



## FEATURES

- Dual 18" (460 mm) Diameter Transducer
- 4” (100 mm) voice coil
- High sensitivity (101 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **SR-218B** |
| Class | : | 2 x 18” Sub-woofer |
| Power Rating | : | 2400 W Continuous |
| | | 4800 W Program |
| | | 9600 W Peak |
| Frequency Range | : | 23Hz - 240Hz (-10dB, half space) |
| | | 25Hz - 185Hz (-6dB, half space) |
| System Sensitivity 2V at 1 meter, half space | : | 101dB SPL |
| Maximum Rated SPL | : | 131dB continuous, 136dB peak |
| Impedance | : | 4Ω |
| **Transducer Sections** | | |
| **Low Frequency** | : | 18" (460 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 100 mm (4") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Nominal Impedance | : | Parallel: 4Ω |
| | | Discrete: 8Ω x 2 |
| Crossover Mode | : | Bi-amp |
| Recommended Processing | : | LF boost Freq. = 25 Hz |
| | | 0.71 BW or 2.0Q |
| | | Gain = +6 dB |
| **Enclosure** | | |
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 1060 mm x 2102 mm x 280 mm |
| Net Weight | : | 96 kg |

# Mid - High Horn

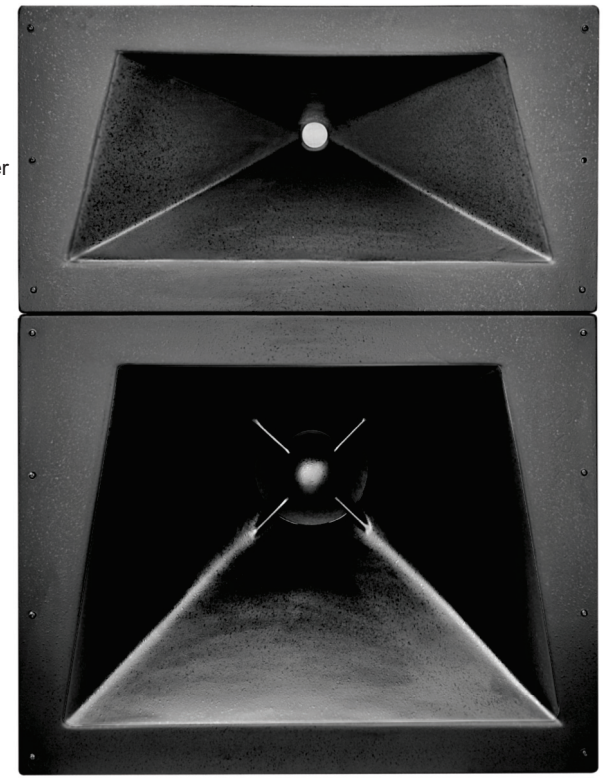
## DESCRIPTION

The LAX® MH-1 mid-high horn features a very high output, horn loaded 10" (250 mm) with a 2" (51mm) voice coil, mid-range POPE Professional® transducer and a 1.4" (36mm) Throat POPE Professional® compression driver mounted to an adjustable pan and tilt bracket. The MH-1 facilitates external active crossover for bi-amp operation for the mid and high sections. The MH-1 provides extended frequency coverage for the all-important midrange band. A 10" ultra linear transducer with high sensitivity and allows the unit to operate as low as 250 Hz and the state of art phase plug coupling allows an external active crossover point of up to 1.8 KHz to the high-frequency horn. This ensures that most of the dialog range is reproduced by a single transducer and with ultra linear intelligibility. The 10" driver being ultra linear from 150 Hz to 2 Khz, there is no factory EQ settings applied for the mid-section, hence, all the content is reproduced faithfully without any coloration, whatsoever.

## FEATURES

- Mid 10" (250 mm) with a 3" (75mm) voice coil Transducer, ultra linear from 150 Hz to 2 Khz
- HF 1.4" (36 mm) Throat Transducer
- High sensitivity

## SPECIFICATIONS



| | | |
|---|---|---|
| **Model** | : | **MH-1** |
| Class | : | 10" Two way Mid High Horn |
| **Transducer Sections** | | |
| **Low Frequency** | : | 10" (250 mm) Diameter POPE Professional® Transducer |
| Power Rating | : | 350 W Continuous |
| | | 700 W Program |
| | | 1400 W Peak |
| Recommended Frequency | : | 280Hz - 1.7kHz (LR 24dB / octave) |
| System Sensitivity (1W @ 1M) | : | 105dB |
| Voice Coil | : | (3") 75 mm |
| Voice Coil Material | : | Aluminum |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Neodymium |
| Chassis Type | : | Steel |
| Nominal Impedance | : | 8Ω |
| **High Frequency** | : | 1.4" (36 mm) Throat POPE Professional® Transducer |
| Power Rating | : | 80 W Continuous |
| | | 160 W Program |
| | | 320 W Peak |
| Recommended Frequency | : | 1.7kHz / LR 24dB per octave |
| System Sensitivity (1W @ 1M) | : | 108dB |
| Voice Coil | : | (3") 75 mm |
| Voice Coil Material | : | CCAW |
| Diaphragm Material | : | Titanium |
| Magnet Material | : | Ferrite |
| Nominal Impedance | : | 8Ω |
| **Enclosure** | | |
| Cabinet Construction | : | Fiber glass molded Horn |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | Black Color |
| Coverage Pattern (HxV) | : | 90° x ±10° |
| Horizontal Swivel | : | ±34° |
| Packing | : | Foam with carton packing |
| Mounting | : | M10 Bolt |
| Dimensions (H x W x D) | : | 980 mm x 760 mm x 400 mm |
| Net Weight | : | 23 kg |

# LF Speakers

## DESCRIPTION

The LAX® L-15, single 15” low frequency enclosure with its high sensitivity POPE Professional® transducer, is designed ground up to provide low frequency extension to modern cinema applications.




## FEATURES

- Single 15" (380 mm) Diameter Transducer
- 3” (76 mm) voice coil
- High sensitivity (98 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **L-15** |
| Class | : | 15” LF Speaker |
| Power Rating | : | 450 W Continuous |
| | | 900 W Program |
| | | 1800 W Peak |
| Frequency Range | : | 40Hz - 3kHz |
| System Sensitivity (1W @ 1M) | : | 98dB |
| Impedance | : | 8Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 15" (380 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 76 mm (3") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Steel |
| Crossover Mode | : | Bi-amp |
| Nominal Impedance | : | 8Ω |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 610 mm x 765 mm x 530 mm |
| Net Weight | : | 29 kg |

## DESCRIPTION

The LAX® L-215, dual 15" low frequency enclosure with its high sensitivity POPE Professional® transducers, is designed ground up to provide low frequency extension to modern cinema applications.




## FEATURES

- Dual 15" (380 mm) Diameter Transducer
- 3" (76 mm) voice coil
- High sensitivity (101 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **L-215** |
| Class | : | 2 x 15" LF Speaker |
| Power Rating | : | 900 W Continuous |
| | | 1800 W Program |
| | | 3600 W Peak |
| Frequency Range | : | 40Hz - 3kHz |
| System Sensitivity (1W @ 1M) | : | 101dB |
| Impedance | : | 4Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 15" (380 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 76 mm (3") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Steel |
| Crossover Mode | : | Bi-amp |
| Impedance | : | Parallel: 4Ω |
| | | Discrete: 8Ω x 2 |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 910 mm x 765 mm x 530 mm |
| Net Weight | : | 42 kg |

## DESCRIPTION

The LAX® L-415, quad 15” low frequency enclosure with its high sensitivity POPE Professional® transducers, is designed ground up to provide low frequency extension to modern cinema applications.




## FEATURES

- Quad 15" (380 mm) Diameter Transducer
- 3” (76 mm) voice coil
- High sensitivity (105 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **L-415** |
| Class | : | 4 x 15” LF Speaker |
| Power Rating | : | 1800 W Continuous<br>3600 W Program<br>7200 W Peak |
| Frequency Range | : | 35Hz - 2kHz |
| System Sensitivity (1W @ 1M) | : | 105dB |
| Impedance | : | 2 x 4Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 15" (380 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 76 mm (3") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Crossover Mode | : | Bi-amp |
| Impedance | : | Parallel: 4Ω<br>Discrete: 8Ω x 2 } x 2 |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 1250 mm x 950 mm x 530 mm |
| Net Weight | : | 63 kg |

## DESCRIPTION

The LAX® L-154, single 15” low frequency enclosure with its high sensitivity POPE Professional® transducer, is designed ground up to provide low frequency extension to modern cinema applications.




## FEATURES

- Single 15" (380 mm) Diameter Transducer
- 4” (100 mm) voice coil
- High sensitivity (98 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **L-154** |
| Class | : | 15” LF Speaker |
| Power Rating | : | 700 W Continuous |
| | | 1400 W Program |
| | | 2800 W Peak |
| Frequency Range | : | 35Hz - 2kHz |
| System Sensitivity (1W @ 1M) | : | 98dB |
| Impedance | : | 8Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 15" (380 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 100 mm (4") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Crossover Mode | : | Bi-amp |
| Impedance | : | 8Ω |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 610 mm x 765 mm x 530 mm |
| Net Weight | : | 39 kg |

## DESCRIPTION

The LAX® L-2154, dual 15” low frequency enclosure with its high sensitivity POPE Professional® transducers, is designed ground up to provide low frequency extension to modern cinema applications.




## FEATURES

- Dual 15" (380 mm) Diameter Transducer
- 4” (100 mm) voice coil
- High sensitivity (101 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **L-2154** |
| Class | : | 2 x 15” LF Speaker |
| Power Rating | : | 1400 W Continuous |
| | | 2800 W Program |
| | | 5600 W Peak |
| Frequency Range | : | 35Hz - 2kHz |
| System Sensitivity (1W @ 1M) | : | 101dB |
| Impedance | : | 4Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 15" (380 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 100 mm (4") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Crossover Mode | : | Bi-amp |
| Impedance | : | Parallel: 4Ω |
| | | Discrete: 8Ω x 2 |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 910 mm x 765 mm x 530 mm |
| Net Weight | : | 59 kg |

## DESCRIPTION

The LAX® L-4154, quad 15" low frequency enclosure with its high sensitivity POPE Professional® transducers, is designed ground up to provide low frequency extension to modern cinema applications.




## FEATURES

- Quad 15" (380 mm) Diameter Transducer
- 4" (100 mm) voice coil
- High sensitivity (104 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **L-4154** |
| Class | : | 4 x 15" LF Speaker |
| Power Rating | : | 2800 W Continuous<br>5600 W Program<br>11200 W Peak |
| Frequency Range | : | 35Hz - 2kHz |
| System Sensitivity (1W @ 1M) | : | 104dB |
| Impedance | : | 2 x 4Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 15" (380 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 100 mm (4") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Crossover Mode | : | Bi-amp |
| Impedance | : | Parallel: 4Ω<br>Discrete: 8Ω x 2 } x 2 |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 1250 mm x 950 mm x 530 mm |
| Net Weight | : | 98 kg |

# Front Stage Sub-woofers

## DESCRIPTION

The LAX® S-18B single 18" extended low frequency sub-woofer enclosure with its high sensitivity POPE Professional® transducer, is designed ground up to provide sub frequency extension to modern cinema applications.




## FEATURES

- Single 18" (460 mm) Diameter Transducer
- 4" (100 mm) voice coil
- High sensitivity (97 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **S-18B** |
| Class | : | 18" Sub-woofer |
| Power Rating | : | 1200 W Continuous |
| | | 2400 W Program |
| | | 4800 W Peak |
| Frequency Range | : | 18Hz - 250Hz (-10dB, half space) |
| | | 20Hz - 176Hz (-6dB, half space) |
| System Sensitivity 2V at 1 meter, half space | : | 97dB SPL |
| Maximum Rated SPL | : | 129dB continuous, 135dB peak |
| Impedance | : | 8Ω |

**Transducer Sections**

| | | |
|---|---|---|
| **Low Frequency** | : | 18" (460 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 100 mm (4") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Nominal Impedance | : | 8Ω |
| Crossover Mode | : | Bi-amp |
| Recommended Processing | : | LF boost Freq. = 25 Hz |
| | | 0.71 BW or 2.0Q |
| | | Gain = +6 dB |

**Enclosure**

| | | |
|---|---|---|
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 765 mm x 610 mm x 630 mm |
| Net Weight | : | 47 kg |

## DESCRIPTION

The LAX® S-218B dual 18" extended low frequency sub-woofer enclosure with its high sensitivity POPE Professional® transducer, is designed ground up to provide sub frequency extension to modern cinema applications.




## FEATURES

- Dual 18" (460 mm) Diameter Transducer
- 4" (100 mm) voice coil
- High sensitivity (100 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **S-218B** |
| Class | : | 2 x 18" Sub-woofer |
| Power Rating | : | 2400 W Continuous |
| | | 4800 W Program |
| | | 9600 W Peak |
| Frequency Range | : | 18Hz - 250Hz (-10dB, half space) |
| | | 20Hz - 176Hz (-6dB, half space) |
| System Sensitivity 2V at 1 meter, half space | : | 100dB SPL |
| Maximum Rated SPL | : | 136dB continuous, 142dB peak |
| Impedance | : | 4Ω |
| **Transducer Sections** | | |
| **Low Frequency** | : | 18" (460 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 100 mm (4") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Ferrite |
| Chassis Type | : | Cast Aluminum |
| Nominal Impedance | : | Parallel: 4Ω |
| | | Discrete: 8Ω x 2 |
| Crossover Mode | : | Bi-amp |
| Recommended Processing | : | LF boost Freq. = 25 Hz |
| | | 0.71 BW or 2.0Q |
| | | Gain = +6 dB |
| **Enclosure** | | |
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 739 mm x 1220 mm x 630 mm |
| Net Weight | : | 88 kg |

## DESCRIPTION

The LAX® S-21B single 21" extended low frequency sub-woofer enclosure with its high sensitivity POPE Professional® is designed ground up to provide sub frequency extension to modern cinema applications.



## FEATURES

- Single 21" (530 mm) Diameter Transducer
- 6" (153 mm) voice coil
- High sensitivity (98 dB @ 1m/1w)

## SPECIFICATIONS

| | | |
|---|---|---|
| **Model** | : | **S-21B** |
| Class | : | 21" Sub-woofer |
| Power Rating | : | 2500 W Continuous |
| | | 5000 W Program |
| | | 10000 W Peak |
| Frequency Range | : | 18Hz - 168Hz (-10dB, half space) |
| | | 20Hz - 168Hz (-6dB, half space) |
| System Sensitivity 2V at 1 meter, half space | : | 98dB, 40Hz - 100Hz |
| Maximum Rated SPL | : | 131dB continuous, 137dB peak |
| Impedance | : | 4Ω |
| **Transducer Sections** | | |
| **Low Frequency** | : | 21" (533 mm) Diameter POPE Professional® Transducer |
| Voice Coil | : | 152 mm (6") |
| Voice Coil Material | : | Copper |
| Former Material | : | Glass Fiber |
| Magnet Material | : | Neodymium |
| Chassis Type | : | Cast Aluminum |
| Nominal Impedance | : | 8Ω |
| Crossover Mode | : | Bi-amp |
| Recommended Processing | : | LF boost Freq. = 25 Hz |
| | | 0.71 BW or 2.0Q |
| | | Gain = +6 dB |
| **Enclosure** | | |
| Cabinet Construction | : | 18 mm, Engineered Wood Rectangular cabinet, |
| Input Connectors | : | Barrier Strip Screw terminals that accept upto #11 AWG or 4 sq.mm stranded wire |
| Surface Finish | : | SoundFlex® environment friendly coating |
| Packing | : | Foam with wooden crate carton packing |
| Dimensions (H x W x D) | : | 765 mm x 1220 mm x 630 mm |
| Net Weight | : | 69 kg |

# Loudspeaker Configurations

## SA-1

| | | |
|---|---|---|
| **Model** | : | **SA-1** |
| **Model Description** | : | **SA-1 Consists 1 x L-15 (Page No - 21) & 1 x MH-1 (Page No - 19)** |
| Class | : | Single LF Speaker & Mid High Horn |
| Type | : | Three way Tri-amplified |
| Frequency Range | : | 40Hz - 20kHz |



## SA-2

| | | |
|---|---|---|
| **Model** | : | **SA-2** |
| **Model Description** | : | **SA-2 Consists 1 x L-215 (Page No - 22) & 1 x MH-1 (Page No - 19)** |
| Class | : | Dual LF Speaker & Mid High Horn |
| Type | : | Three way Tri-amplified |
| Frequency Range | : | 40Hz - 20kHz |



## SA-3



| | | |
|---|---|---|
| **Model** | : | **SA-3** |
| **Model Description** | : | **SA-3 Consists 2 x L-215 (Page No - 22) & 1 x MH-1 (Page No- 19)** |
| Class | : | Dual LF Speaker & Mid High Horn |
| Type | : | Three way Tri-amplified |
| Frequency Range | : | 40Hz - 20kHz |

## SA-4



| | | |
|---|---|---|
| **Model** | : | **SA-4** |
| **Model Description** | : | **SA-4 Consists 1 x L-415 (Page No - 23) & 1 x MH-1 (Page No - 19)** |
| Class | : | Quad LF Speaker & Mid High Horn |
| Type | : | Three way Tri-amplified |
| Frequency Range | : | 35Hz - 20kHz |

## SA-5



| | | |
|---|---|---|
| **Model** | : | **SA-5** |
| **Model Description** | : | **SA-5 Consists 1 x L-154 (Page No - 24) & 1 x MH-1 (Page No - 19)** |
| Class | : | Single LF Speaker & Mid High Horn |
| Type | : | Three way Tri-amplified |
| Frequency Range | : | 35Hz - 20kHz |

## SA-6



| | | |
|---|---|---|
| **Model** | : | **SA-6** |
| **Model Description** | : | **SA-6 Consists 1 x L-2154 (Page No - 25) & 1 x MH-1 (Page No - 19)** |
| Class | : | Dual LF Speaker & Mid High Horn |
| Type | : | Three way Tri-amplified |
| Frequency Range | : | 35Hz - 20kHz |

## SA-7



| | | |
|---|---|---|
| **Model** | : | **SA-7** |
| **Model Description** | : | **SA-7 Consists 2 x L-2154 (Page No - 25) & 1 x MH-1 (Page No- 19)** |
| Class | : | Dual LF Speaker & Mid High Horn |
| Type | : | Three way Tri-amplified |
| Frequency Range | : | 35Hz - 20kHz |

## SA-8



| | | |
|---|---|---|
| **Model** | : | **SA-8** |
| **Model Description** | : | **SA-8 Consists 1 x L-4154 (Page No - 26) & 1 x MH-1 (Page No - 19)** |
| Class | : | Quad LF Speaker & Mid High Horn |
| Type | : | Three way Tri-amplified |
| Frequency Range | : | 35Hz - 20kHz |

**NOTE**

- The information on the products contained within is correct at the time of printing. We would recommend you to check our website, www.lax.co.in for any updates not contained in this publication.
- The manufacturer reserves the right to vary specifications and including color, without notice and at such times in such manner as they see fit.
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