

LD Series Sub-woofer

Description

The POPE Professional® LD Series Folded Horn Loaded sub-woofer enclosure with its high sensitivity transducer, is designed ground up to provide sub frequency extension to modern sound reinforcement applications. The high power, high output sub-woofer designed for touring and permanent sound reinforcement application. The sub-woofer features 4" & 4.5" voice coil, long excursion 18" Ferrite transducer mounted in a mechanically and acoustically optimized, rugged weather resistant horn loaded enclosure.

Integrated four handles allow for easy setup, loading and transportation. The LD Series Folded Horn Loaded sub-woofer delivers more bass per square inch than other Sub-woofer designs and includes a curved horn mouth bracing for smoother frequency response. The enclosure is constructed with 18 mm 11-ply birch faced plywood and is coated with a weather and wear resistant black textured **SoundFlex®** coating.

Specifications

Model : LD-18B

Class	: 1*18" Horn Loaded Sub-woofer
Power Rating	: 1200 W Continuous*
Frequency Range	: 26Hz - 300Hz (-10dB)
Frequency Response	: 27Hz - 294Hz (± 3dB)
System Sensitivity (1W @ 1M)	: 98 dB SPL
SPL**	: 125dB Continuous, 130dB peak
Impedance	: 8Ω

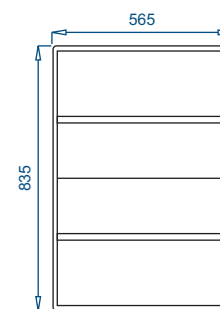
Transducer

Low Frequency : 1*18" (457 mm) Diameter POPE Professional® Transducer

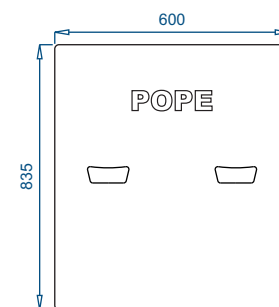
Power Rating	: 1200 Watts Continuous 2400 Watts Program 4800 Watts Peak
Voice Coil	: 100 mm (4")
Voice Coil Material	: Copper In/Out
Cone Surround	: Triple roll treated polycotton
Magnet Material	: Ferrite
Chassis Type	: Cast Aluminium
Impedance	: 8Ω
Crossover Mode	: Bi-amp

Enclosure

Cabinet Construction	: 18 mm, 11-ply birch Faced plywood Rectangle Horn-Loaded Sub-woofer enclosure
Transportation	: 2 handles on both sides
Mounting	: 35 mm Pole Mount
Grille	: Powder coated, black, 16-gauge perforated steel grille
Input Connectors	: 4 Pin Speakon (x2) +2-2 (Input & parallel connection)
Surface Finish	: SoundFlex® environment friendly coating
Coverage Pattern (H x V)	: 360°
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 835 mm × 565 mm × 740 mm
Net Weight	: 65 kg
Gross Weight	: 76 kg



FRONT



SIDE

Features

- Folded Horn-loaded Long Throw enclosure
- 18" (457mm) ferrite drivers
- High temperature resistance 4" and 4.5" voice coil

Specifications

Model	: LD-18BV3
Class	: 1*18" Horn Loaded Sub-woofer
Power Rating	: 1600 W Continuous*
Frequency Range	: 20Hz - 190Hz (-10dB)
Frequency Response	: 22Hz - 190Hz (± 3dB)
System Sensitivity (1W @ 1M)	: 97 dB SPL
SPL**	: 126dB Continuous, 132dB peak
Impedance	: 8Ω

Transducer

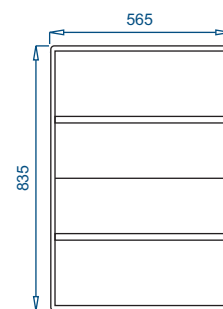
Low Frequency	: 1*18" (457 mm) Diameter POPE Professional® Transducer
Power Rating	: 1600 Watts Continuous 3200 Watts Program 6400 Watts Peak
Voice Coil	: 117.35 mm (4.5")
Voice Coil Material	: Copper
Cone Surround	: Triple roll treated polycotton
Magnet Material	: Ferrite
Chassis Type	: Cast Aluminium
Impedance	: 8Ω
Crossover Mode	: Bi-amp

Enclosure

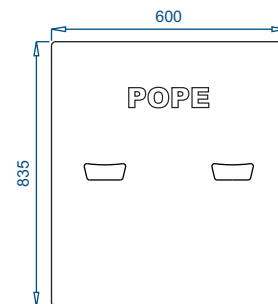
Cabinet Construction	: 18 mm, 11-ply birch Faced plywood Rectangle Horn-Loaded Sub-woofer enclosure
Transportation	: 2 handles on both sides
Mounting	: 35 mm Pole Mount
Grille	: Powder coated, black, 16-gauge perforated steel grille
Input Connectors	: 4 Pin Speakon (x2) +2-2 (Input & parallel connection)
Surface Finish	: SoundFlex® environment friendly coating
Coverage Pattern (H x V)	: 360°
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 835 mm × 565 mm × 740 mm
Net Weight	: 72 kg
Gross Weight	: 83 kg

Applications

- Live Sound
- Touring Concerts
- Club Systems
- Large Nightclubs
- Arenas



FRONT



SIDE



Specifications

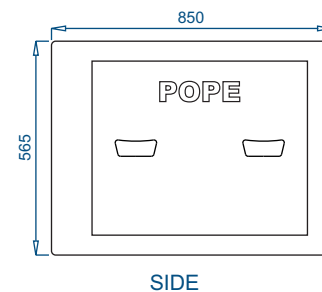
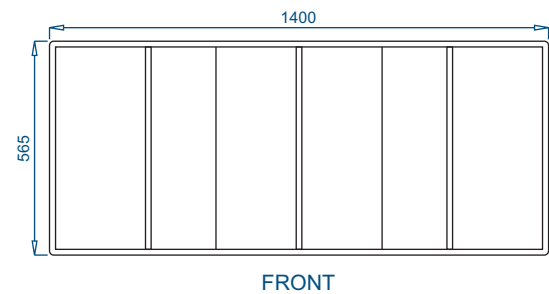
Model	: LD-218B
Class	: 2*18" Horn Loaded Sub-woofer
Power Rating	: 2400 W Continuous*
Frequency Range	: 24Hz - 296Hz (-10dB)
Frequency Response	: 26Hz - 290Hz (± 3dB)
System Sensitivity (1W @ 1M):	98dB SPL
SPL**	: 127dB Continuous, 134dB peak
Impedance	: 4Ω

Transducer

Low Frequency	: 2*18" (460 mm) Diameter POPE Professional® Transducer
Power Rating	: 2*1200 Watts Continuous 2*2400 Watts Program 2*4800 Watts Peak
Voice Coil	: 100 mm (4")
Voice Coil Material	: Copper
Cone Surround	: Triple roll treated polycotton
Magnet Material	: Ferrite
Chassis Type	: Cast Aluminium
Crossover Mode	: Bi-amp
Impedance	: Parallel: 4Ω Discrete: 8Ω x 2

Enclosure

Cabinet Construction	: 18 mm, 11-ply birch Faced plywood Rectangle Horn-Loaded Sub-woofer enclosure
Transportation	: 2 handles on both sides
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
Input Connectors	: 4 Pin Speakon (x2) +2-2
Surface Finish	: SoundFlex® environment friendly coating
Coverage Pattern (H x V)	: 360°
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 565 mm × 1400 mm × 740 mm
Net Weight	: 111 kg
Gross Weight	: 128 kg





Specifications

Model	: LD-218BV3
Class	: 2*18" Horn Loaded Sub-woofer
Power Rating	: 3200 W Continuous*
Frequency Range	: 20Hz - 190Hz (-10dB)
Frequency Response	: 22Hz - 190Hz (± 3dB)
System Sensitivity (1W @ 1M):	97dB SPL
SPL**	: 129dB Continuous, 135dB peak
Impedance	: 4Ω

Transducer

Low Frequency	: 2*18" (460 mm) Diameter POPE Professional® Transducer
Power Rating	: 2*1600 Watts Continuous 2*3200 Watts Program 2*6400 Watts Peak
Voice Coil	: 117.35 mm (4.5")
Voice Coil Material	: Copper
Cone Surround	: Triple roll treated polycotton
Magnet Material	: Ferrite
Chassis Type	: Cast Aluminium
Crossover Mode	: Bi-amp
Impedance	: Parallel: 4Ω Discrete: 8Ω x 2

Enclosure

Cabinet Construction	: 18 mm, 11-ply birch Faced plywood Rectangle Horn-Loaded Sub-woofer enclosure
Transportation	: 2 handles on both sides
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
Input Connectors	: 4 Pin Speakon (x2) +2-2
Surface Finish	: SoundFlex® environment friendly coating
Coverage Pattern (H x V)	: 360°
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 565 mm × 1400 mm × 740 mm
Net Weight	: 114 kg
Gross Weight	: 131 kg

