

GL Series

Sub-woofer

Description

The POPE Professional® GL-18B is a Horn-Loaded and high power, high output sub-woofer designed for touring and permanent sound reinforcement. The bass reflex design features 6" voice coil, long excursion 18" Neodymium transducer mounted in a mechanically and acoustically optimized, rugged weather resistant horn loaded enclosure. Integrated handles allow for easy setup, loading and transportation. Featuring a massive 18" Neodymium transducer is delivering 126 dB of continuous SPL, the GL-18B raises the low frequency performance bar to next level. The GL-18B Folded Horn delivers more bass per square inch than other Sub-woofer designs and includes a curved horn mouth bracing for smoother frequency response and extra deep 35mm pole cups for increased stability with full-range speakers. 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.

Features

- 26 Hz – 280 Hz Frequency Response
- Folded Horn loaded design
- High Temperature resistant 6" Voice Coil
- Neodymium Magnet for light weight

Applications

- Concerts
- Night Clubs
- Orchestra
- Bars and DJ's

Specifications

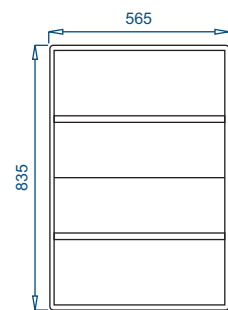
Model	: GL-18B
Class	: 1*18" Horn Loaded Sub-woofer
Power Rating	: 2500 W Continuous*
Frequency Range	: 24Hz - 320Hz (-10dB)
Frequency Response	: 26Hz - 280Hz (± 3dB)
System Sensitivity (1W @ 1M)	: 98 dB SPL
SPL**	: 126dB Continuous, 130dB peak
Impedance	: 8Ω

Transducer

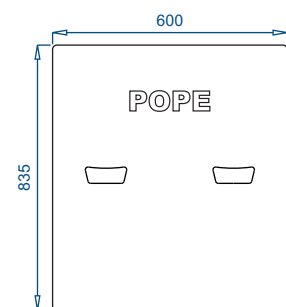
Low Frequency	: 1*18" (457 mm) Diameter POPE Professional® Transducer
Power Rating	: 2500 Watts Continuous 5000 Watts Program 10000 Watts Peak
Voice Coil	: 152 mm (6")
Voice Coil Material	: Copper
Cone Surround	: Triple roll treated polycotton
Magnet Material	: Neodymium
Chassis Type	: Cast Aluminium
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	: 40A, 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	: 70 kg
Gross Weight	: 81 kg



FRONT



SIDE

Description

The POPE Professional® GL-218B sub-woofer utilizes horn loaded enclosure. The system incorporate two 18" Neodymium transducers. The sub-woofer produces sound pressure level (SPL) of 128 dB on axis at 1 meter with a power input of 1 watt and having capable to produce peak output of 136 dB SPL on axis at 1 meter. The sub-woofer can handle 4000 watts power (continuous) with 24dB/octave Butter-worth high pass filter. The sub-woofer enclosure constructed of exterior grade 18 mm plywood. 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.

Features

- Long Throw and high output
- Response from 26 Hz to capture lowest musical notes
- Horn Loaded 18" (460mm) drivers
- High temperature 6" (152mm) voice coil

Applications

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

Specifications

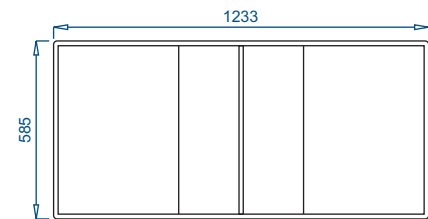
Model	: GL-218B
Class	: 2*18" Horn Loaded Sub-woofer
Power Rating	: 5000 W Continuous*
Frequency Range	: 24Hz - 320Hz (-10dB)
Frequency Response	: 26Hz - 280Hz (± 3dB)
System Sensitivity (1W @ 1M):	: 98dB SPL
SPL**	: 128dB Continuous, 136dB peak
Nominal Impedance	: 4Ω

Transducer

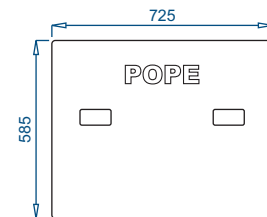
Low Frequency	: 2*18" (460 mm) Diameter POPE Professional® Transducer
Power Rating	: 2*2500 Watts Continuous 2*5000 Watts Program 2*10000 Watts Peak
Voice Coil	: 152 mm (6")
Voice Coil Material	: Copper
Cone Surround	: Triple roll treated polycotton
Magnet Material	: Neodymium
Chassis Type	: Cast Aluminium
Crossover Mode	: Bi-amp
Nominal 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	: 40A, 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)	: 585 mm × 1233 mm × 725 mm
Net Weight	: 101 kg
Gross Weight	: 117 kg



FRONT



SIDE

Description

The POPE Professional® GL-21B is a Horn-Loaded and high power, high output sub-woofer designed for touring and permanent sound reinforcement. The bass reflex design features 6" voice coil, long excursion 21" Neodymium transducer mounted in a mechanically and acoustically optimized, rugged weather resistant enclosure. Integrated handles allow for easy setup, loading and transportation. Featuring a massive 21" Neodymium transducer is delivering 136 dB of Maximum SPL, the GL-21B raises the low frequency performance bar to next level. The GL-21B Folded Horn delivers more bass per square inch than other Sub-woofer designs and includes a curved horn mouth bracing for smoother frequency response and extra deep 35mm pole cups for increased stability with full-range speakers. 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.

Features

- 20 Hz – 220 Hz Frequency Response
- Folded Horn loaded design
- High Temperature resistant 6" Voice Coil
- Neodymium Magnet for light weight

Applications

- Concerts
- Night Clubs
- Orchestra
- Bars and DJ's

Specifications

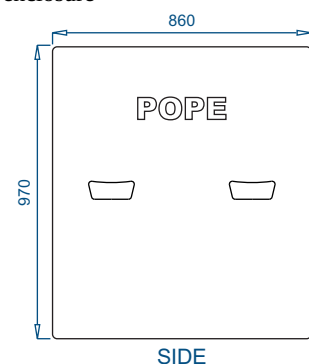
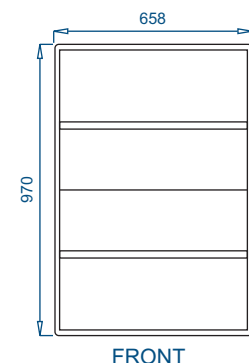
Model	: GL-21B
Class	: 1*21" Horn Loaded Sub-woofer
Power Rating	: 2500 W Continuous*
Frequency Range	: 18Hz - 240Hz (-10dB)
Frequency Response	: 20Hz - 220Hz (± 3dB)
System Sensitivity (1W @ 1M)	: 106 dB SPL
SPL**	: 132dB Continuous, 136dB peak
Impedance	: 8Ω

Transducer

Low Frequency	: 1*21" (533 mm) Diameter POPE Professional® Trans
Power Rating	: 2500 Watts Continuous
	: 5000 Watts Program
	: 10000 Watts Peak
Voice Coil	: 152 mm (6")
Voice Coil Material	: Copper
Cone Surround	: Triple roll treated polycotton
Magnet Material	: Neodymium
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	: 40A, 4 Pin Speakon (x2) +2-2 (Input & parrallel 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)	: 970 mm × 658 mm × 860 mm
Net Weight	: 80 kg
Gross Weight	: 96 kg



Description

The POPE Professional® GL-221B is a Horn-Loaded and high power, high output sub-woofer designed for touring and permanent sound reinforcement. The horn loaded design features 6" voice coil, long excursion dual 21" Neodymium transducers mounted in a mechanically and acoustically optimized, rugged weather resistant enclosure. Integrated handles allow for easy setup, loading and transportation. Featuring a massive 21" Neodymium transducer is delivering 136 dB of Maximum SPL, the GL-221B raises the low frequency performance bar to next level. The GL-221B Folded Horn 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 weather and wear resistant black textured **SoundFlex®** environment friendly coating.

Features

- 20 Hz – 220 Hz Frequency Response
- Folded Horn loaded design
- High Temperature resistant dual 6" Voice Coil
- Neodymium Magnet for light weight

Specifications

Model	: GL-221B
Class	: 2*21" Horn Loaded Sub-woofer
Power Rating	: 5000 W Continuous*
Frequency Range	: 18Hz - 240Hz (-10dB)
Frequency Response	: 20Hz - 220Hz (± 3dB)
System Sensitivity (1W @ 1M)	: 106 dB SPL
SPL**	: 132dB Continuous, 136dB peak
Impedance	: 8Ω

Transducer

Low Frequency	: 2*21" (533 mm) Diameter POPE Professional® Transducer
Power Rating	: 5000 Watts Continuous 10000 Watts Program 20000 Watts Peak
Voice Coil	: 152 mm (6")
Voice Coil Material	: Copper
Cone Surround	: Triple roll treated polycotton
Magnet Material	: Neodymium
Chassis Type	: Cast Aluminium
Crossover Mode	: Bi-amp
Nominal 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 and four castor wheels
Grille	: Powder coated, black, 16-gauge perforated steel grille
Input Connectors	: 40A, 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)	: 600 mm x 1700 mm x 860 mm
Net Weight	: 145 kg
Gross Weight	: 165 kg



Applications

- Concerts
- Night Clubs
- Orchestra
- Bars and DJ's

