

TH-600 Series

Description

The POPE Professional® TH-612, TH-615, TH-625, TH-635, TH-618B and TH-628B loudspeakers are designed for distributed sound reinforcement and small outdoor venues. The system is based on low frequency drivers with high frequency compression driver coupled to horn. The enclosure is trapezoidal shape to reduce cabinet reflection causing colorations. The enclosure made of 15 mm and 18 mm birch faced plywood glued together in conjunction with dado joints to assure the highest quality of robustness.

Specifications

Model	: TH-612
Class	: 1*12" Two way speaker
Power Rating	: 400 W Continuous*
Frequency Range	: 60Hz - 20kHz (-10dB)
Frequency Response	: 65Hz - 20kHz (± 3dB)
SPL**	: 120dB Continuous, 126dB peak
Impedance	: 8Ω

Transducer

Low Frequency	: 1*12" (300 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 1*3" (77 mm)
Voice Coil Material	: Copper
Magnet Material	: Ferrite
Chassis Type	: Cast Aluminium
Cone Surround	: TSV
Former Material	: Glass Fibre
Input Power Rating	: 300 Watts Continuous. Pink Noise 600 Watts Program 1200 Watts Peak
Sensitivity	: 98dB SPL (1W @ 1m)
Nominal Impedance	: 8Ω
Frequency Response	: 65 Hz - 2300 Hz

High Frequency	: 1*1.4" Throat POPE Professional® Compression driver
Input Power Rating	: 100 Watts Continuous 200 Watts Program 400 Watts Peak
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite
Throat Diameter	: 36 mm (1.4")
Diaphragm Material	: Titanium
Voice coil material	: Edge-wound flat Aluminium Wire
Sensitivity	: 109.5 dB SPL (1W @ 1m)
Nominal Impedance	: 8Ω
Frequency Response	: 1200Hz - 20kHz
Crossover Frequency	: 1.8 kHz
Crossover Mode	: Built in Passive Crossover Network

Enclosure

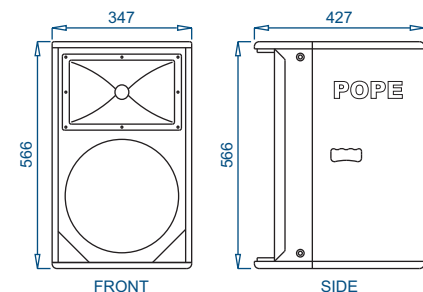
Cabinet Construction	: 15 mm, 9-ply birch Faced plywood Trapezoidal enclosure
Suspension / Mounting	: 10 x suspension points & 35mm pole mount
Mounting	: 35 mm Pole Mount
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
Input Connectors	: 4 Pin Speakon (x2) +1-1 (Input & parallel connection)
Surface Finish	: SoundFlex® environment friendly coating
Coverage Pattern (H x V)	: 70° x 50°
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 566 mm × 347 mm × 427 mm
Net Weight	: 36 kg
Gross Weight	: 45 kg

Applications

The TH 600 Series can use for Auditorium, bars, restaurants, fitness centers, gyms, Live Performance and concerts.

Features

- Birch Faced plywood enclosure
- **SoundFlex®** coating
- M10 points for safety harness.
- Pole mount (only for TH-612 & TH-615)



Specifications

Model	: TH-615
Class	: 1*15" Two way speaker
Power Rating	: 600 W Continuous*
Frequency Range	: 58Hz - 20kHz (-10dB)
Frequency Response	: 62Hz - 20kHz (\pm 3dB)
SPL**	: 122dB Continuous, 128dB peak
Impedance	: 8 Ω

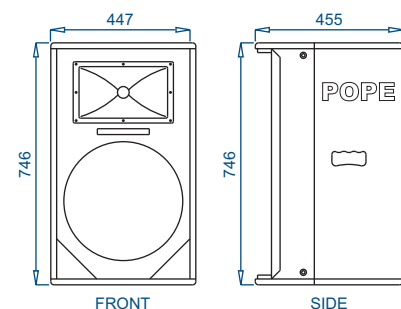
Transducer

Low Frequency	: 1*15" (380 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 1*3" (77 mm)
Voice Coil Material	: Copper
Magnet Material	: Ferrite
Chassis Type	: Cast Aluminium
Cone Surround	: TSV
Former Material	: Glass Fibre
Input Power Rating	: 500 Watts Continuous. Pink Noise 1000 Watts Program 2000 Watts Peak
Sensitivity	: 98dB SPL (1W @ 1m)
Nominal Impedance	: 8 Ω
Frequency Response	: 62 Hz - 2300 Hz

High Frequency	: 1*1.4" Throat POPE Professional® Compression driver
Input Power Rating	: 100 Watts Continuous 200 Watts Program 400 Watts Peak
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite
Throat Diameter	: 36 mm (1.4")
Diaphragm Material	: Titanium
Voice coil material	: Edge-wound flat Aluminium Wire
Sensitivity	: 109.5dB SPL (1W @ 1m)
Nominal Impedance	: 8 Ω
Frequency Response	: 1200Hz - 20kHz
Crossover Frequency	: 1.8 kHz
Crossover Mode	: Built in Passive Crossover Network

Enclosure

Cabinet Construction	: 15 mm, 9-ply birch Faced plywood Trapezoidal enclosure
Suspension / Mounting	: 10 x suspension points & 35mm pole mount
Mounting	: 35 mm Pole Mount
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
Input Connectors	: 4 Pin Speakon (x2) +1-1 (Input & parallel connection)
Surface Finish	: SoundFlex® environment friendly coating
Coverage Pattern (H x V)	: 70° x 50°
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 746 mm × 447 mm × 455 mm
Net Weight	: 37 kg
Gross Weight	: 46 kg



Specifications

Model	: TH-625
Class	: 2*15" Three way speaker
Power Rating	: 1100 W Continuous*
Frequency Range	: 58Hz - 20kHz (-10dB)
Frequency Response	: 62Hz - 20kHz (\pm 3dB)
SPL**	: 124dB Continuous, 128dB peak
Impedance	: 4 Ω

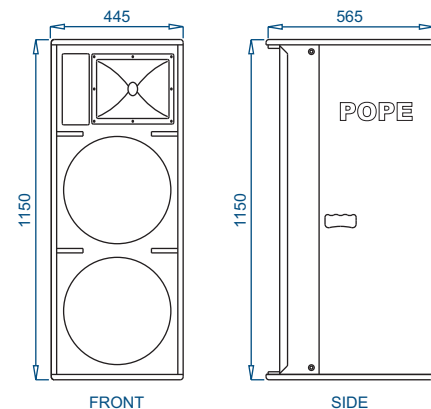
Transducer

Low & Mid Frequency	: 2*15" (380 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 1*3" (77 mm)
Voice Coil Material	: Copper
Magnet Material	: Ferrite
Chassis Type	: Cast Aluminium
Cone Surround	: TSV
Former Material	: Glass Fibre
Input Power Rating	: 2*500 Watts Continuous. Pink Noise 2*1000 Watts Program 2*2000 Watts Peak
Sensitivity	: 98dB SPL (1W @ 1m)
Impedance	: Parallel: 4 Ω Discrete: 8 Ω x 2
Frequency Response	: 62Hz - 2300Hz

High Frequency	: 1*1.4" Throat POPE Professional® Compression driver
Input Power Rating	: 100 Watts Continuous 200 Watts Program 400 Watts Peak
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite
Throat Diameter	: 36 mm (1.4")
Diaphragm Material	: Titanium
Voice coil material	: Edge-wound flat Aluminium Wire
Sensitivity	: 109.5dB SPL (1W @ 1m)
Nominal Impedance	: 8 Ω
Frequency Response	: 1200Hz - 20kHz
Crossover Frequency	: 1.8 kHz
Crossover Mode	: Built in Passive Crossover Network

Enclosure

Cabinet Construction	: 18 mm, 11-ply birch Faced plywood Trapezoidal enclosure
Suspension / Mounting	: 10 x suspension points
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
Input Connectors	: 4 Pin Speakon (x2) +1-1
Surface Finish	: SoundFlex ® environment friendly coating
Coverage Pattern (H x V)	: 70° x 50°
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 1150 mm x 445 mm x 565 mm
Net Weight	: 64 kg
Gross Weight	: 75 kg



Specifications

Model	: TH-635
Class	: 2*15" Three way speaker
Power Rating	: 1600 W Continuous*
Frequency Range	: 58Hz - 20kHz (-10dB)
Frequency Response	: 60Hz - 20kHz (\pm 3dB)
SPL**	: 125dB Continuous, 132dB peak
Impedance	: 4 Ω

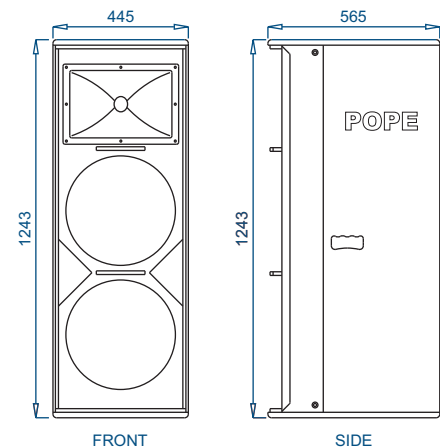
Transducer

Low & Mid Frequency	: 2*15" (381 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 100 mm (4")
Voice Coil Material	: Copper
Magnet Material	: Ferrite
Chassis Type	: Cast Aluminium
Cone Surround	: TSV
Former Material	: Glass Fibre
Power Rating	: 2*750 Watts Continuous. Pink Noise 2*1500 Watts Program 2*3000 Watts Peak
Sensitivity	: 102 dB SPL (1W @ 1m)
Impedance	: Parallel: 4 Ω Discrete: 8 Ω x 2
Frequency Response	: 60Hz - 2100Hz

High Frequency	: 1*1.4" Throat POPE Professional® Compression driver
Input Power Rating	: 100 Watts Continuous 200 Watts Program 400 Watts Peak
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite
Throat Diameter	: 36 mm (1.4")
Diaphragm Material	: Titanium
Voice coil material	: Edge-wound flat Aluminium Wire
Sensitivity	: 109.5dB SPL (1W @ 1m)
Nominal Impedance	: 8 Ω
Frequency Response	: 1200Hz - 20kHz
Crossover Frequency	: 1.8 kHz
Crossover Mode	: Built in Passive Crossover Network

Enclosure

Cabinet Construction	: 18 mm, 11-ply birch Faced plywood Trapezoidal enclosure
Suspension / Mounting	: 10 x suspension points
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
Input Connectors	: 4 Pin Speakon (x2) +1-1
Surface Finish	: SoundFlex® environment friendly coating
Coverage Pattern (H x V)	: 70° x 50°
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 1243 mm × 445 mm × 565 mm
Net Weight	: 75 kg
Gross Weight	: 88 kg



Description

The POPE Professional® TH-600 Series passive sub-woofer incorporates 18" transducers. The each transducer can handle 1200 watts power (continuous) with 24dB/octave Butter-worth high pass filter. The sub-woofer enclosure constructed with 18 mm birch faced plywood and **SoundFlex®** environment friendly paint coated.

Features

- Long Throw and high output
- Response from 27 Hz to capture lowest musical notes
- Direct radiating 18" (460mm) drivers
- High temperature resistance 4" & 4.5" voice coil

Specifications

Model	: TH-618B
Class	: 1*18" Sub-woofer
Power Rating	: 1200 W Continuous*
Frequency Range	: 25 Hz - 300 Hz (-10dB)
Frequency Response	: 27 Hz - 294 Hz (± 3dB)
System Sensitivity (1W @ 1M):	98 dB SPL
SPL**	: 126dB Continuous, 132dB peak
Nominal Impedance	: 8Ω

Transducer

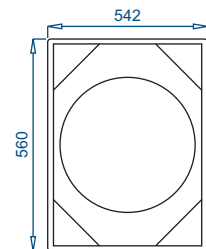
Low Frequency	: 1*18" (460mm) Diameter POPE Professional® Transducer
Power Rating	: 1*1200 Watts Continuous 1*2400 Watts Program 1*4800 Watts Peak
Voice Coil	: 100 mm (4")
Voice Coil Material	: Copper
Cone Surround	: Triple roll treated polycotton
Magnet Material	: Ferrite
Chassis Type	: Cast Aluminium
Crossover Mode	: Bi-amp
Nominal Impedance	: 8Ω

Enclosure

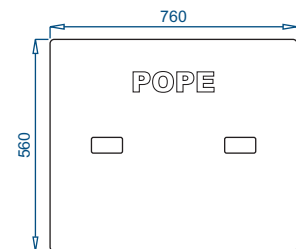
Cabinet Construction	: 18 mm, 11-ply birch Faced plywood Rectangular enclosure
Transportation	: 2 handles on both sides
Mounting	: 35 mm Pole Mount
Grille	: Powder coated, black, 16-gauge perforated steel grille
Input Connectors	: 4 Pin Speakon (x2) +2-2
Surface Finish	: SoundFlex® environment friendly coating
Coverage Pattern (H x V)	: 360°
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 560 mm x 542 mm x 760 mm
Net Weight	: 49 kg
Gross Weight	: 60 kg

Applications

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



FRONT



SIDE

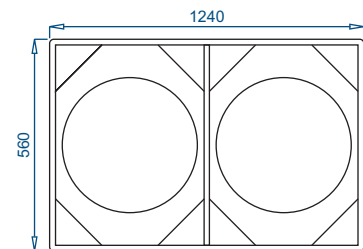


Specifications

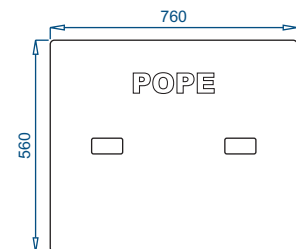
Model	: TH-628B
Class	: 2*18" Sub-woofer
Power Rating	: 2400 W Continuous*
Frequency Range	: 25 Hz - 300 Hz (-10dB)
Frequency Response	: 27 Hz - 294 Hz (\pm 3dB)
System Sensitivity (1W @ 1M):	98 dB SPL
SPL**	: 126dB Continuous, 132dB peak
Nominal Impedance	: 4 Ω

Transducer

Low Frequency	: 2*18" (460mm) 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
Nominal Impedance	: Parallel: 4 Ω Discrete: 8 Ω x 2



FRONT



SIDE

Enclosure

Cabinet Construction	: 18 mm, 11-ply birch Faced plywood Rectangular enclosure
Transportation	: 2 handles on both sides
Grille	: Powder coated, black, 16-gauge perforated steel grille
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)	: 560 mm x 1066 mm x 760 mm
Net Weight	: 85 kg
Gross Weight	: 99 kg

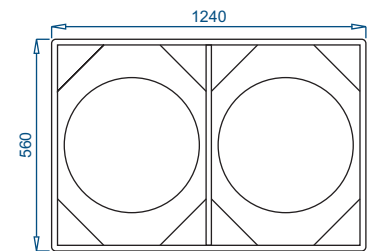


Specifications

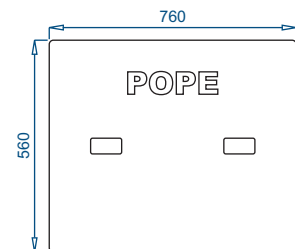
Model	: TH-628BV3
Class	: 2*18" Sub-woofer
Power Rating	: 3200 W Continuous*
Frequency Range	: 25 Hz - 300 Hz (-10dB)
Frequency Response	: 27 Hz - 294 Hz (\pm 3dB)
System Sensitivity (1W @ 1M):	98 dB SPL
SPL**	: 126dB Continuous, 132dB peak
Nominal Impedance	: 4 Ω

Transducer

Low Frequency	: 2*18" (460mm) 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
Nominal Impedance	: Parallel: 4 Ω Discrete: 8 Ω x 2



FRONT



SIDE

Enclosure

Cabinet Construction	: 18 mm, 11-ply birch Faced plywood Rectangular enclosure
Transportation	: 2 handles on both sides
Grille	: Powder coated, black, 16-gauge perforated steel grille
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)	: 560 mm x 1066 mm x 760 mm
Net Weight	: 99 kg
Gross Weight	: 113 kg