

TH-800 Series Powered Speakers

Description

The POPE Professional® TH-812, TH-815, TH-825, TH-835, TH-818B and TH-828B powered 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-812
Class	: 1*12" Powered Two way speaker
Frequency Response	: 60Hz - 20kHz
Horizontal Coverage Angle	: 70°
Vertical Coverage Angle	: 50°
SPL**	: 120dB Continuous, 126dB peak

Electronics

Amplifier

Model	: VT-9
Total Power	: 3200W Peak, 1600W RMS Continuous
Amplifier Output (HF)	: 800W Peak, 400W RMS Continuous
Amplifier Output (LF)	: 2400W Peak, 1200W RMS Continuous
Cooling	: Aluminum heat Sink with Fan
Power Connector	: In / Out with Rubber sealing cover
Power	: AC 85-265V @ 50-60Hz

Processor

In/Out	: 1 In / 2 Out
DSP	: 32 bit / 96kHz DSP
Signal	: Balanced or Unbalanced input / Balanced output
Connectors	: XLR female Combo and XLR male
Control	: USB
Preset	: 4

Transducer

High Frequency	: 1*1.4" Throat POPE Professional® Compression driver
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite
Diaphragm Material	: Titanium

Low Frequency	: 1*12" (300 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite

Enclosure

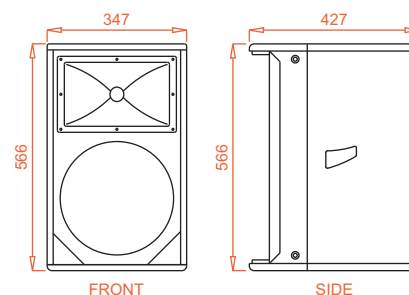
Box Construction	: 15 mm, 9-ply birch Faced plywood Trapezoidal enclosure
Finish	: SoundFlex® environmental friendly coating
Mounting	: 35 mm Pole Mount
Suspension System	: 10 x suspension points
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 566 mm × 347 mm × 427 mm
Net Weight	: 30 kg
Gross Weight	: 36 kg

Applications

The TH 800 Series can use for Auditorium, bars, restaurants, fitness centers, gyms, Live Performance and concerts.

Features

- Class-D amplification
- 32 bit / 96kHz DSP Processing
- USB Connectivity
- Built-in DSP



Specifications

Model	: TH-815
Class	: 1*15" Powered Two way speaker
Frequency Response	: 58Hz - 20kHz
Horizontal Coverage Angle	: 70°
Vertical Coverage Angle	: 50°
SPL**	: 122dB Continuous, 128dB peak

Electronic

Amplifier

Model	: VT-11
Total Power	: 6600W Peak, 3300W RMS Continuous
High Frequency	: 1600W Peak, 800W RMS Continuous
Low Frequency	: 5000W Peak, 2500W RMS Continuous
Cooling	: Aluminum heat Sink with Fan
Power Connector	: In / Out with Rubber sealing cover
Power	: AC 85-265V @ 50-60Hz

Processor

In/Out	: 1 In / 2 Out
DSP	: 32 bit / 96kHz DSP
Signal	: Balanced or Unbalanced input / Balanced output
Connectors	: XLR female Combo and XLR male
Control	: USB
Preset	: 4

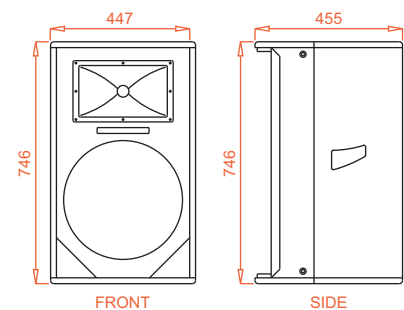
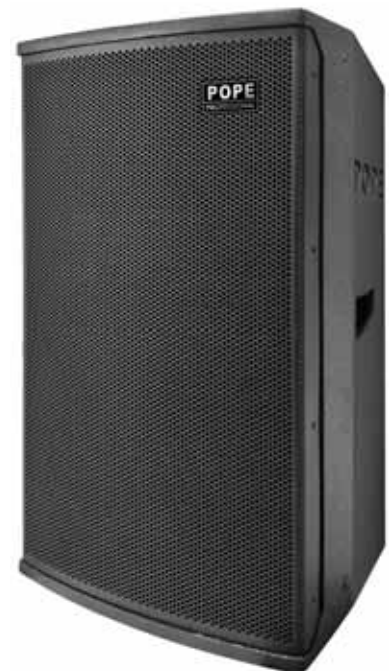
Transducer

High Frequency	: 1*1.4" Throat POPE Professional® Compression driver
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite
Diaphragm Material	: Titanium

Low Frequency	: 1*15" (380 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite

Enclosure

Box Construction	: 15 mm, 9-ply birch Faced plywood Trapezoidal enclosure
Finish	: SoundFlex® environmental friendly coating
Mounting	: 35 mm Pole Mount
Suspension System	: 10 x suspension points
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 746 mm × 447 mm × 455 mm
Net Weight	: 41 kg
Gross Weight	: 50 kg



Specifications

Model	: TH-825
Class	: 2*15" Powered Three way speaker
Frequency Response	: 58Hz - 20kHz
Horizontal Coverage Angle	: 70°
Vertical Coverage Angle	: 50°
SPL**	: 124dB Continuous, 128dB peak

Electronic

Amplifier

Model	: VT-13
Total Power	: 7500W Peak, 3750W RMS Continuous
High Frequency	: 2500W Peak, 1250W RMS Continuous
Low Frequency 1	: 2500W Peak, 1250W RMS Continuous
Low Frequency 2	: 2500W Peak, 1250W RMS Continuous
Cooling	: Aluminum heat Sink with Fan
Power Connector	: In / Out with Rubber sealing cover
Power	: AC 85-265V @ 50-60Hz

Processor

In/Out	: 1 In / 3 Out
DSP	: 32 bit / 96kHz DSP
Signal	: Balanced or Unbalanced input / Balanced output
Connectors	: XLR female Combo and XLR male
Control	: USB
Preset	: 4

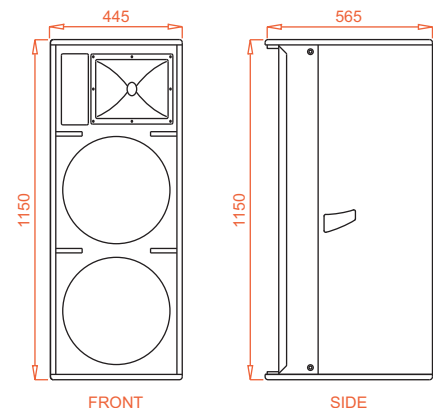
Transducer

High Frequency	: 1*1.4" Throat POPE Professional® Compression driver
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite
Diaphragm Material	: Titanium

Low Frequency	: 2*15" (380 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite

Enclosure

Box Construction	: 18 mm, 11-ply birch Faced plywood Trapezoidal enclosure
Finish	: SoundFlex® environmental friendly coating
Suspension System	: 10 x suspension points
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 1150 mm × 445 mm × 565 mm
Net Weight	: 67 kg
Gross Weight	: 78 kg



Specifications

Model	: TH-835
Class	: 2*15" Powered Three way speaker
Frequency Response	: 50Hz - 20kHz
Horizontal Coverage Angle	: 70°
Vertical Coverage Angle	: 50°
SPL**	: 126dB Continuous, 132dB peak

Electronic

Amplifier

Model	: VT-13
Total Power	: 7500W Peak, 3750W RMS Continuous
High Frequency	: 2500W Peak, 1250W RMS Continuous
Low Frequency 1	: 2500W Peak, 1250W RMS Continuous
Low Frequency 2	: 2500W Peak, 1250W RMS Continuous
Cooling	: Aluminum heat Sink with Fan
Power Connector	: In / Out with Rubber sealing cover
Power	: AC 85-265V @ 50-60Hz

Processor

In/Out	: 1 In / 3 Out
DSP	: 32 bit / 96kHz DSP
Signal	: Balanced or Unbalanced input / Balanced output
Connectors	: XLR female Combo and XLR male
Control	: USB
Preset	: 4

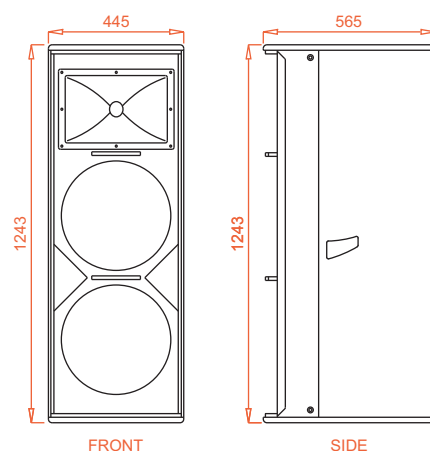
Transducer

High Frequency	: 1*1.4" Throat POPE Professional® Compression driver
Voice Coil Diameter	: 75 mm (3")
Magnet Material	: Ferrite
Diaphragm Material	: Titanium

Low Frequency	: 2*15" (380 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 100 mm (4")
Magnet Material	: Ferrite

Enclosure

Box Construction	: 18 mm, 11-ply birch Faced plywood Trapezoidal enclosure
Finish	: SoundFlex® environmental friendly coating
Suspension System	: 10 x suspension points
Grille	: Powder coated, black, 16-gauge perforated steel grille with charcoal foam backing
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-800 Series powered sub-woofers are made with high sensitivity POPE Professional® 18" transducers. The TH-800 Series designed ground up to provide sub frequency extension to modern sound reinforcement applications.

Applications

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

Features

- 18" (460 mm) Diameter POPE Professional® Transducer
- Class-D amplification
- 32 bit / 96kHz DSP Processing
- USB Connectivity
- Built-in DSP

Specifications

Model	: TH-818BV1
Class	: 1*18" Powered Sub-woofer
Frequency Response	: 20Hz - 160Hz
SPL**	: 127dB Continuous, 135dB peak

Electronic

Amplifier

Model	: VT-15
Total Power	: 5000W Peak, 2500W RMS Continuous
Cooling	: Aluminum heat Sink with Fan
Power Connector	: In / Out with Rubber sealing cover
Power	: AC 85-265V @ 50-60Hz

Processor

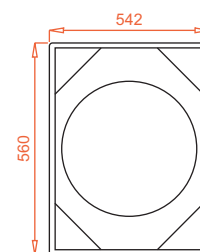
In/Out	: 1 In / 1 Out
DSP	: 32 bit / 96kHz DSP
Signal	: Balanced or Unbalanced input / Balanced output
Connectors	: XLR female Combo and XLR male
Control	: USB
Preset	: 4

Transducer

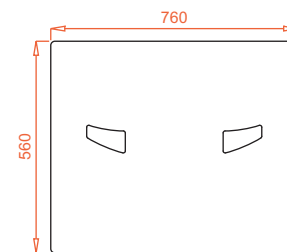
Low Frequency	: 1*18" (460 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 101.93 mm (4")
Magnet Material	: Ferrite

Enclosure

Box Construction	: 18 mm, 11-ply birch Faced plywood Rectangle Horn-Loaded Sub-woofer enclosure
Grille	: Powder coated, black, 16-gauge perforated steel grille
Surface Finish	: SoundFlex® environment friendly coating
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 560 mm x 542 mm x 760 mm
Net Weight	: 53 kg
Gross Weight	: 63 kg



FRONT



SIDE



Specifications

Model	: TH-828BV1
Class	: 2*18" Powered Sub-woofer
Frequency Response	: 20Hz - 160Hz
SPL **	: 129dB Continuous, 138dB peak

Electronic

Amplifier

Model	: VT-16
Total Power	: 10000W Peak, 5000W RMS Continuous
Cooling	: Aluminum heat Sink with Fan
Power Connector	: In / Out with Rubber sealing cover
Power	: AC 85-265V @ 50-60Hz

Processor

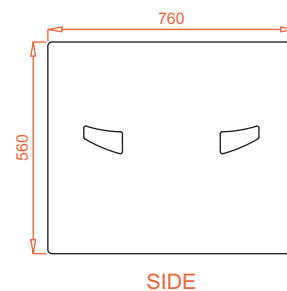
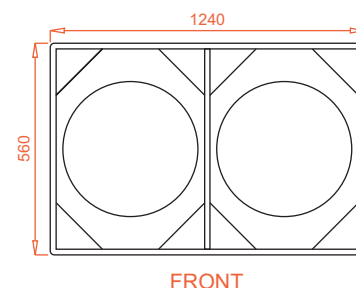
In/Out	: 1 In / 2 Out
DSP	: 32 bit / 96kHz DSP
Signal	: Balanced or Unbalanced input / Balanced output
Connectors	: XLR female Combo and XLR male
Control	: USB
Preset	: 4

Transducer

Low Frequency	: 2*18" (460 mm) Diameter Transducer
Voice Coil Diameter	: 101.93 mm (4")
Magnet Material	: Ferrite

Enclosure

Box Construction	: 18 mm, 11-ply birch Faced plywood Rectangle Horn-Loaded Sub-woofer enclosure
Grille	: Powder coated, black, 16-gauge perforated steel grille
Surface Finish	: SoundFlex® environment friendly coating
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 560 mm x 1066 mm x 760 mm
Net Weight	: 79 kg
Gross Weight	: 91 kg





Specifications

Model	: TH-828BV2
Class	: 2*18" Powered Sub-woofer
Frequency Response	: 20Hz - 160Hz
SPL**	: 129dB Continuous, 138dB peak

Electronic

Amplifier

Model	: VT-16
Total Power	: 10000W Peak, 5000W RMS Continuous
Cooling	: Aluminum heat Sink with Fan
Power Connector	: In / Out with Rubber sealing cover
Power	: AC 85-265V @ 50-60Hz

Processor

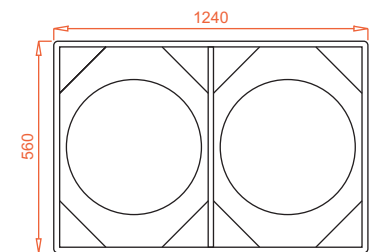
In/Out	: 1 In / 2 Out
DSP	: 32 bit / 96kHz DSP
Signal	: Balanced or Unbalanced input / Balanced output
Connectors	: XLR female Combo and XLR male
Control	: USB
Preset	: 4

Transducer

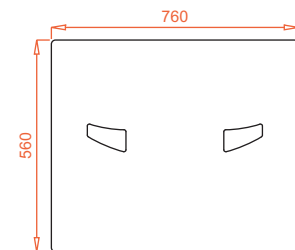
Low Frequency	: 2*18" (460 mm) Diameter Transducer
Voice Coil Diameter	: 117.35 mm (4.5")
Magnet Material	: Ferrite

Enclosure

Box Construction	: 18 mm, 11-ply birch Faced plywood Rectangle Horn-Loaded Sub-woofer enclosure
Grille	: Powder coated, black, 16-gauge perforated steel grille
Surface Finish	: SoundFlex® environment friendly coating
Packing	: Foam with wooden crate carton packing
Dimensions (H x W x D)	: 560 mm x 1066 mm x 760 mm
Net Weight	: 79 kg
Gross Weight	: 91 kg



FRONT



SIDE