

# PASSIVE SYSTEM

## TA-P Series

Sub-woofer and Line Array

### Description

The POPE Professional® TA-P Series, TA-8 is a two-way Passive Line Array Speaker and TA-15BFP flyable Passive Sub-woofer. The POPE Professional's innovated rigging hardware can fly 8 cabinets array with 9:1 safety standard. The 35 mm pole mount is making the system easy to use for smaller venues and front fill application.

The POPE Professional's TA-15BFP flyable sub-woofer have the same outer entire steel and aluminium rigging hardware like TA-8 Line Array and it can be hang together. Also TA-8 Line Array can be stacked on TA-15BFP as ground stacking array system.

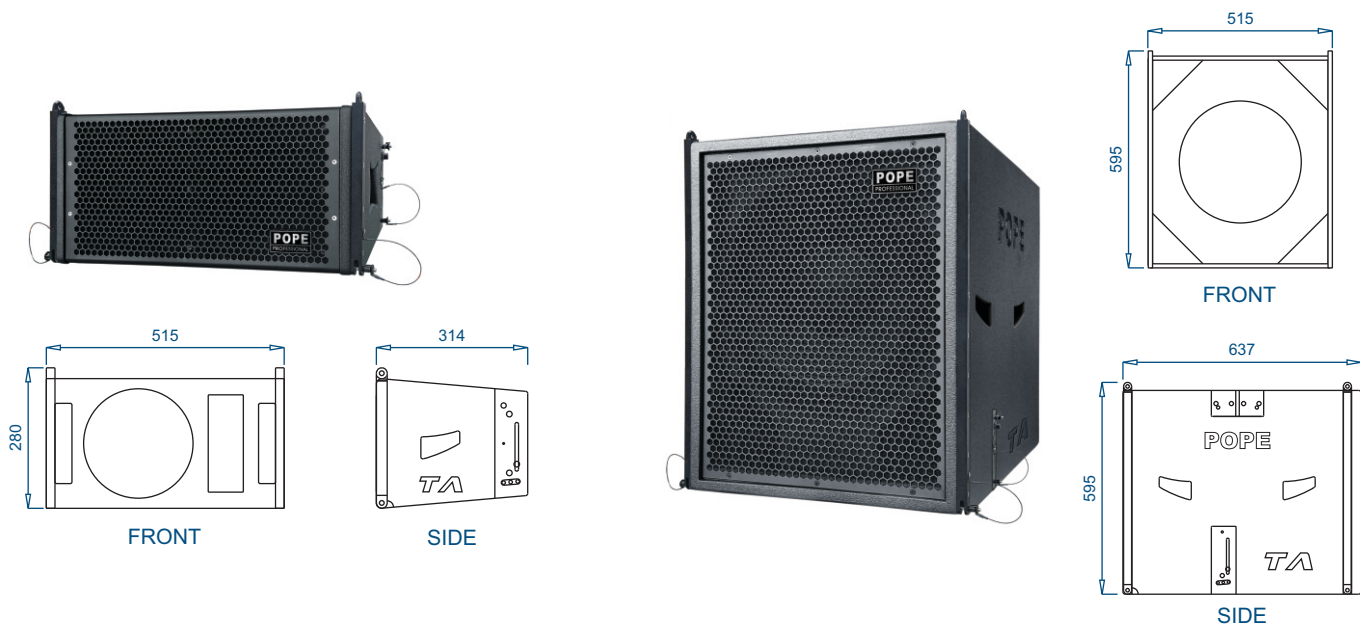
The POPE Professional TA-15BFP flyable sub-woofer utilizes a 15" LF transducer and provides extremely high levels of tight, punchy bass to the lowest octave of human hearing. The TA-8 Line Array utilizes an 8" LF transducer and 2\*1" throat HF compression drivers. It's engineered both a companion and applications requiring extremely high output in a relatively small package.

### Features

- High efficiency and light weight Neodymium Drivers
- HF horn and Phase Aligned LF drivers for exceptional 100° horizontal coverage pattern
- 9:1 safety standard rigging hardware
- 8" LF and 1" Throat Compression driver
- 15" Sub-woofer

### Applications

- Small and medium-scale Live Sound Reinforcement events
- Arenas, live theaters, concert venues, corporate AV, Places of worship



### Specifications

#### Line Array Element

<b>Model</b>	: TA-8 & TA-15BFP
<b>Class</b>	: Two way Line Array Speaker & Flyable Sub-woofer
<b>Frequency Response</b>	: 36Hz - 20kHz
<b>Horizontal Coverage Angle</b>	: 100°
<b>Vertical Coverage Angle</b>	: 10°
<b>Rigging Hardware</b>	: Heat treated steel front and aluminium rear fittings, from 0° to 10° Angle adjustable slots
<b>SPL**</b>	: 120dB Continuous, 131dB peak

## Transducer Sections

**High Frequency** : 2\*1" Throat POPE Professional® Compression driver

Voice Coil Diameter : 45 mm (1.75")

Magnet Material : Neodymium

Diaphragm Material : Titanium

Power Rating / Both drivers : 2\*80 Watts Continuous. Pink Noise  
2\*160 Watts Program  
2\*320 Watts Peak

Speakon Wiring : +2, -2

Impedance : Series : 16Ω  
Discrete : 8Ω x 2

**Low Frequency** : 1\*8" (204 mm) Diameter POPE Professional® Transducer

Voice Coil Diameter : 66.6 mm (2.6")

Magnet Material : Neodymium

Input Power Rating : 400 Watts Continuous. Pink Noise  
800 Watts Program  
1600 Watts Peak

Speakon Wiring : +1, -1

Impedance : 8Ω

**Sub-woofer** : 1\*15" (381 mm) Diameter POPE Professional® Transducer

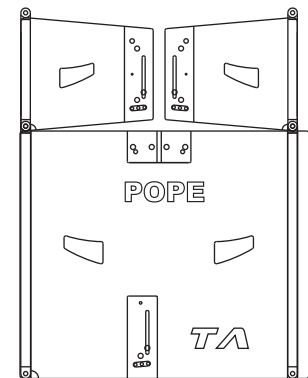
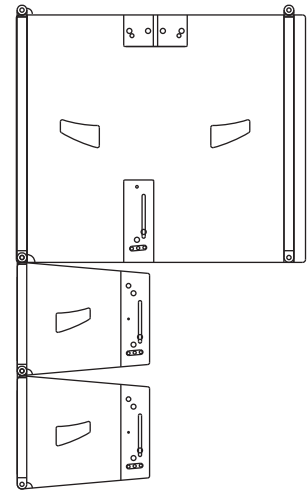
Voice Coil Diameter : 100 mm (4")

Magnet Material : Ferrite

Input Power Rating : 1000 Watts Continuous. Pink Noise  
2000 Watts Program  
4000 Watts Peak

Speakon Wiring : +2, -2

Impedance : 8Ω



## Enclosure

Box Construction : 15 mm, 9-ply birch Faced plywood 5 degree Trapezoidal Line Array &  
18 mm, 11-ply birch Faced plywood Rectangle Flyable Sub-woofer enclosure

Grille : Powder coated, black, 16-gauge perforated steel grille

Surface Finish : SoundFlex® environment friendly coating

Suspension System : Integral hinge bars, quick release pins & 35mm pole mount

Packing : Foam with wooden crate carton box packing

Model	TA-8	TA-15BF
Dimensions (H x W x D)	280 mm × 515 mm × 314 mm	570 mm × 515 mm × 637 mm
Net Weight	16 kg	50 kg
Gross Weight	21 kg	61 kg

### Description

The POPE Professional® TA Series, TA-10 is a two-way Passive Line Array Speaker and TA-18BFP flyable Passive Sub-woofer. One TA-18BFP flyable Sub-woofer can power the two TA-10 Line Arrays. The POPE Professional's innovated rigging hardware can fly 8 cabinets array with 9:1 safety standard. The 35 mm pole mount is making the system easy to use for smaller venues and front fill application.

The POPE Professional's TA-18BFP flyable sub-woofer have the same outer entire steel and aluminium rigging hardware like TA-10 Line Array and it can be hang together. Also TA-10 Line Array can be stacked on TA-18BFP as ground stacking array system.

The POPE Professional TA-18BFP flyable sub-woofer utilizes an 18" LF transducer and provides extremely high levels of tight, punchy bass to the lowest octave of human hearing. The TA-10 Line Array utilizes a 10" LF transducer and a 1.4" throat HF compression driver. It's engineered both a companion and applications requiring extremely high output in a relatively small package.

### Features

- High efficiency and light weight Neodymium Drivers
- HF horn and Phase Aligned LF drivers for exceptional 100° horizontal coverage pattern
- 9:1 safety standard rigging hardware
- 10" LF and 1.4" throat Compression driver
- Powered by 18" Sub-woofer

### Applications

- Small and medium-scale Live Sound Reinforcement events
- Arenas, live theaters, concert venues, corporate AV, Places of worship



### Specifications

#### Line Array Element

<b>Model</b>	: <b>TA-10 &amp; TA-18BFP</b>
<b>Class</b>	: Two way Line Array Speaker & Flyable Sub-woofer
<b>Frequency Response</b>	: 24Hz - 20kHz
<b>Horizontal Coverage Angle</b>	: 100°
<b>Vertical Coverage Angle</b>	: 10°
<b>Rigging Hardware</b>	: Heat treated steel front and aluminium rear fittings, from 0° to 10° Angle adjustable slots
<b>SPL**</b>	: 126dB Continuous, 135dB peak

## Transducer

**High Frequency** : 1\*1.4" Throat POPE Professional® Compression driver

Voice Coil Diameter : 75 mm (3")

Magnet Material : Neodymium

Diaphragm Material : Titanium

Input Power Rating : 110 Watts Continuous. Pink Noise.  
220 Watts Program  
440 Watts Peak

Speakon Wiring : +2, -2

Impedance : 16Ω

**Low Frequency** : 1\*10" (250 mm) Diameter POPE Professional® Transducer

Voice Coil Diameter : 78.91 mm (3")

Magnet Material : Neodymium

Input Power Rating : 600 Watts Continuous. Pink Noise  
1200 Watts Program  
2400 Watts Peak

Speakon Wiring : +1, -1

Impedance : 8Ω

**Sub-woofer** : 1\*18" (457 mm) Diameter POPE Professional® Transducer

Voice Coil Diameter : 100 mm (4")

Magnet Material : Ferrite

Input Power Rating : 1200 Watts Continuous  
2400 Watts Program  
4800 Watts Peak

Speakon Wiring : +2, -2

Impedance : 8Ω

## Enclosure

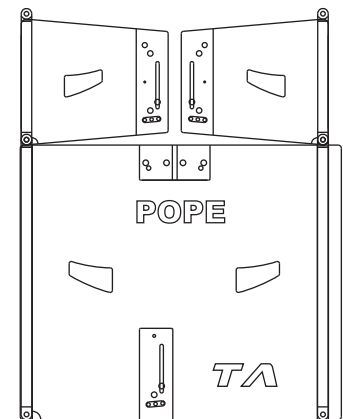
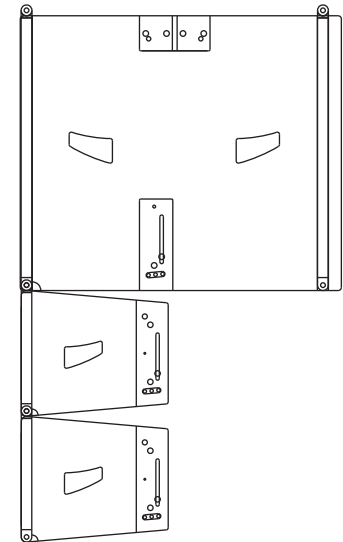
Box Construction : 15 mm, 9-ply birch Faced plywood 5 degree Trapezoidal Line Array &  
18 mm, 11-ply birch Faced plywood Rectangle Flyable Sub-woofer enclosure

Grille : Powder coated, black, 16-gauge perforated steel grille

Surface Finish : SoundFlex® environment friendly coating

Suspension System : Integral hinge bars, quick release pins & 35mm pole mount

Packing : Foam with wooden crate carton box packing



Model	TA-10	TA-18BF
Dimensions (H x W x D)	325 mm × 550 mm × 352 mm	660 mm × 550 mm × 742 mm
Net Weight	22 kg	68 kg
Gross Weight	29 kg	79 kg