

Tara Series

Portable Column System

Description

The POPE Professional Tara Series speakers consists of 3" Neodymium Full Range Speakers and 12", 15", 18" Sub-woofers. The Tara Speakers and Sub-woofers powered by Class D amplifier with 40 bit / 96kHz DSP. The plate amplifier is mounted on the sub-woofer. The sub-woofer will be connecting the Tara-38 full range speaker via male / female connector with pole mount. The dedicated pole mount will be packed with Tara-38 speaker.

The Tara Series can combine with any brand analog or digital sound mixer. The Tara Series is the perfect choice for Place of Worship, Ball Rooms, party halls, bands, musicians, AV rentals, DJ and any other sound reinforcement applications which is required in a super compact and portable package.

The Tara-18B Sub-woofer is having on board FIR/IIR filters, Analog In/Out, AESOP digital signal In/Out and SoundNet® Networking. The customer can add POPE Professional® SN-2 AES67 Network module or SN-4 Dante Network module at any time to enable digital networking. The SN-2 AES67 or SN-4 Dante module is an optional.

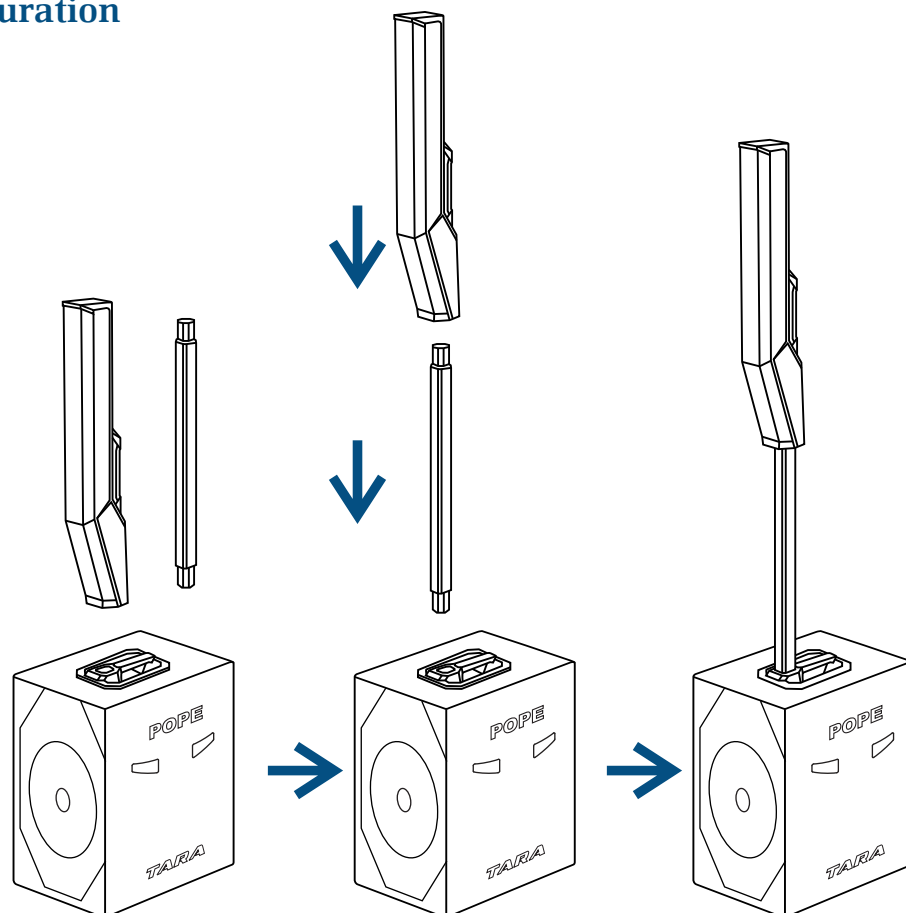
Features

- High Efficiency 3" Neodymium Drivers
- Class D Amplification
- PC control via Ethernet
- Compact and portable package
- Weather Resistant enclosure
- 120° x 16° (H x V) nominal coverage
- Dedicated pole mount

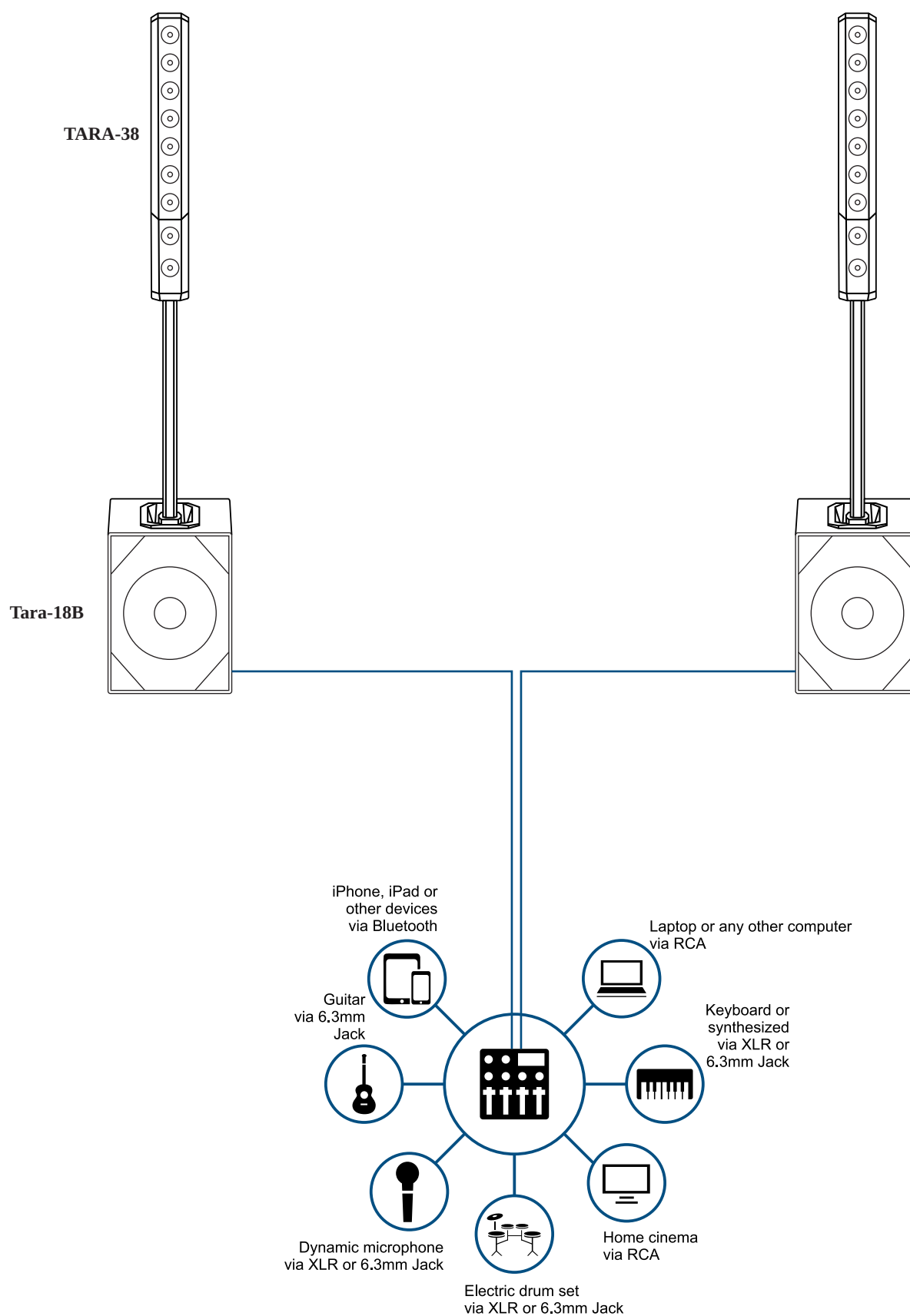
Applications

- Place of Worship
- Educational Institutions
- Corporate Events
- Seminar Halls
- Ball Rooms
- Bands / Musicians
- AV rentals
- DJ

Quick Configuration



Connect with Any Audio Device



Specifications

Model	: Tara-38
Class	: 8*3" Full Range Speaker
Power Rating	: 240 W Continuous*
Frequency Response	: 130Hz - 16kHz
Drivers	: 8*3" Full-range drivers
Sensitivity (1W / 1M)	: 94dB SPL
Maximum SPL	: 108 Continuous, 112dB Peak

Transducer

Speaker Driver	: 8*3" (76 mm) Diameter POPE Professional® Transducer
Model	: 3ND-16
Power Rating	: 8*30 Watts Continuous 8*60 Watts Program 8*120 Watts Peak
Voice Coil Diameter	: 19 mm (0.75")
Voice Coil Material	: CCAW
Magnet	: Neodymium
Impedance	: Series & Parallel : 8Ω Discrete : 16Ω x 8
Crossover Frequency	: Suggested lowest crossover point: Hi pass 130Hz, 24dB/oct

Enclosure

Cabinet Construction	: Trapezoidal weather proof ABS Cabinet
Grill	: Powder coated, black, 16-gauge perforated steel grill
Input	: 8Ω
Surface Finish	: Black
Coverage Pattern (H x V)	: 120° x 16°
Mounting	: Female Pole Mount slot
Input connector	: Male Connector for Pole Mount
Dimensions (H x W x D)	: 800 mm × 110 mm × 160 mm
Net Weight	: 2.8 kg

Pole Mount

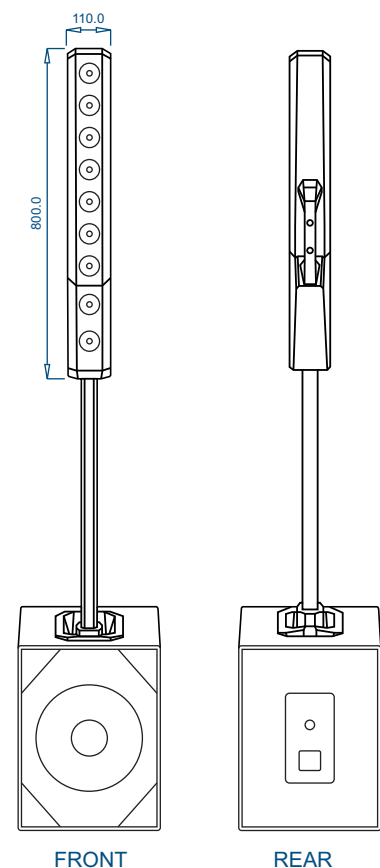
Material	: Steel with ABS
Mounting	: Male Pole Mount ends
Input / Output	: Female Connectors
Dimensions (H x W x D)	: 800 mm × 39 mm × 49 mm
Net Weight	: 0.65 kg

Packing

Packing	: PE Foam with carton box packing
Dimensions (H x W x D)	: 845 mm × 130 mm × 310 mm
Gross Weight	: 5 kg (Tara-38 with pole mount)

Service Kit

Model	: RK3ND-16
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Features

- 18" (457 mm) Diameter POPE Professional® Transducer
- Class-D amplification
- Built-in DSP
- FIR/IIR Filters
- Dante / AES67 / AESOP / Analog Input
- 40 bit floating point / 96kHz DSP Processing

Specifications

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

Electronics

Amplifier

Model	: VT-3
Total Power	: 6600W Peak, 3300W RMS Continuous
Amplifier Output (CH-1 Sub)	: 5000W Peak, 2500W Continuous
Amplifier Output (CH-2)	: 1600W Peak, 800W @ 4Ω Continuous
Cooling	: Aluminium heat Sink with Fan
Power Connector	: In/Out Powercon connector with Rubber sealing cover
Power	: AC 85-265V @ 50-60Hz

Processor

In/Out	: 4 In / 4 Out
DSP	: 40 bit / 96kHz DSP
Filters	: FIR / IIR, Frequency, Gain, RMS, Peak, Dynamic Limiter
Analog Signal	: Balanced Input / Output
Digital Signal	: Dante® / AES67 / AESOP (SN-2 AES67 / SN-4 Dante Module - Optional)
Connectors	: XLR male / female and Ethernet
Control	: Ethernet - SoundNet® Networking
Preset	: 24

For more specifications about DSP, check the XT-4040 product catalogue.

Transducer

Low Frequency	: 1*18" (457 mm) Diameter POPE Professional® Transducer
Voice Coil Diameter	: 100 mm (4")
Magnet Material	: Ferrite

Enclosure

Box Construction	: 18 mm, 11-ply birch Faced plywood Rectangle Sub-woofer enclosure
Grille	: Powder coated, black, 16-gauge perforated steel grille
Surface Finish	: SoundFlex® environment friendly coating
Mounting	: Female Pole Mount slot
Output connector	: Male Connector for Pole Mount
Dimensions (H x W x D)	: 680 mm × 505 mm × 710 mm
Net Weight	: 52 kg

Packing

Packing	: Foam with wooden crate carton box packing
Dimensions (H x W x D)	: 760 mm × 585 mm × 790 mm
Gross Weight	: 60 kg

