



# opaLine



## POWERED LINE ARRAY



OPALine

- Two-box, three-way powered line array with 7 drivers
- Wide, precise 90° x 40° coverage
- Dual-powered 18-inch subwoofer with 2,000 watt European designed amplifier / processor that powers both speakers
- 130 dB max output capability with high intelligibility and wide response
- 4 x NP8 8-inch LF / MF drivers ensure pattern control to 800 Hz
- 2 x frequency-shaded array waveguides driven by powerful medium-format drivers
- Perfect for installations or for portable applications thanks to unique configuration and useful features

**OPALine** is a 6-element vertical array featuring 4 x NP8 narrow-profile woofers built by On Point Audio with the same acoustical radiating area as conventional 8-inch (203 mm) woofers. The NP8 woofers operate up to 1,000 Hz and are configured to provide excellent vertical pattern control. **OPALine's** high-frequency section features two vertical line array waveguides coupled to 2 x very high-output, medium-format titanium compression drivers. Both HF drivers and waveguides operate between 1,000 Hz and 2,500 Hz in parallel mode. Above 2,500 Hz, the lower waveguide is frequency shaded to maintain the desired vertical beamwidth of the **OPALine** system. This configuration delivers excellent vocal range pattern control, superior system intelligibility and projection.

**OPALine** can also be used as a stand-alone passive loudspeaker.

**OPALine Sub** is a dual-powered 18-inch subwoofer equipped with a large-format 4-inch voice coil. **OPALine Sub's** European designed two-channel Class-D amplifier routes one of its channels to the subwoofer and the other to a high-level high-passed output. The amplifier features high-order filter processing precisely tuned to the system. **OPALine Sub** also features two M20 screw-on metal sockets for safely elevating **OPALine** for ground-stack applications. **OPALine Sub** includes two speaker mounting poles and four professional casters (two lockable).

**OPALine** enclosures are built with 13-ply, 18 mm marine-grade birch plywood and finished with On Point Audio's wear-resistant PowerCoat™. The enclosures are heavily-braced and all suspension points are solidly reinforced.



OPALine Sub



# opaLine

# opaLineSub

System Configuration:	Passive vertical line array with 4 x 8-inch LF / MF drivers and 2 x medium-format HF drivers	System Configuration:	Powered 18-inch subwoofer with dual-channel power amplifier and processing
Frequency Response $\pm$ 3 dB:	80 — 20,000 Hz	Amp Output (continuous):	500 watts LF / 500 watts HF
Frequency Range - 10 dB:	60 — 20,000 Hz	Amplifier Output (peak):	1,000 watts LF / 1,000 watts HF
Power Handling (cont. / peak):	800 watts / 3,200 watts	Frequency Response $\pm$ 3 dB:	35 — 80 Hz
Beam Control:	Effective to 800 Hz	Input Sensitivity:	0.774 V RMS (for rated output)
Mechanical steering capability with optional PTB bracket:	Up to 35° vertically and horizontally adjustable in 5 degree increments	Rated Ambient Operating Temperature:	0° - 43° Celsius: 32° - 110° Fahrenheit
LF Transducers:	4 x 8-inch NP8	AC Mains Power, Voltage:	115 V ac or 230 V ac
HF Transducers:	2 x medium-format titanium	AC Mains Power, Frequency:	50 Hz — 60 Hz
Crossover:	2-way passive	Current Consumption at Idle:	110 mA @ 115 V ; 150 mA @ 230 V
Crossover Frequency:	1,000 Hz with frequency shading above 2,500 Hz	Max Output Capability:	131 dB
Dimensions, mm (H x W x D):	1,125 x 203 x 348 mm	LF Transducer / Voice Coil:	18 inch / 4 inch
Dimensions, in (H x W x D):	44.3 x 8.0 x 13.7 in	Coverage Pattern:	Essentially omnidirectional
Net Weight (kg / lb):	39 kg / 86 lb	Dimensions, mm (H x W x D):	545 x 500 x 707.5 mm
Enclosure Material:	13-ply marine birch plywood	Dimensions, in (H x W x D):	21.46 x 19.7 x 28.85 in
Enclosure Finish:	Wear-resistant PowerCoat™	Net Weight (kg / lb):	35.5 kg / 78.3 lb
Suspension Points:	20 x M10	Enclosure Material:	13-ply marine birch plywood
Safety Factor:	> 8:1	Enclosure Finish:	Wear-resistant PowerCoat™
Pole Mounts:	2 x 35 mm (1-3/8 in)	Pole Mounts:	2 x M20 screw-on
Optional Accessories:		Included Accessories:	
OPA-PTB:	Pan / Tile Wall Mount Bracket		IEC Mains Cable
OPA-Pick:	Handle cover kit with gaskets		2 x screw-on pole mounts
Eye Bolt Kit-W:	4 x stainless steel M10 eyebolts		4 x professional casters



**OPALine** can be ground-stacked for portable applications quickly and safely using the dual pole mounts included with the Sub. The poles have M20-sized screw-on ends for added security. The Sub also includes 4 x heavy-duty wheels (2 lockable). **OPALine** is quick to set up and easy to use—simply stack the speakers and plug in the cables.



The optional PTB wall mount bracket provides mechanical steering capability for **OPALine** installations. With the PTB, **OPALine** can be oriented from 0 to 35 degrees down in 5 degree increments. It is adjustable horizontally in 5 degree increments too. The PTB includes a link assembly for precise aiming.



# onpointaudio®

ACOUSTIC EXCELLENCE®