

# OPALine-82

The On Point Audio OPALine-82 is an eight element vertical column array. The OPALine-82 exhibits progressive directivity control and is an excellent choice for use in reverberant spaces where very controlled and defined vertical radiation is required. The enclosure is a passive design that features high power handling and reliability. The vertical column array consists of eight high output, high excursion two inch (51mm) closely spaced dynamic transducers. The close physical spacing insures controlled polar lobing and tight pattern control. The acoustic performance of the OPALine-82 make it an ideal choice for houses of worship, theaters, commercial venues, airports, and gathering spaces of all sizes.

The OPALine-82 features a switchable input impedance of either 8 ohms or 32 ohms. In 32 ohm mode a total of 16 enclosures may be connected to a single amplifier channel (with 2 ohm rating). This allows the OPALine-82 to be used in distributed designs without the need for input transformers. The 8 ohm setting allows the enclosure to be used in performance applications where maximum amplifier power is required.

The OPALine-82 can be used with the On Point Audio OPA-151SA high performance powered sub woofer when extended bandwidth and additional bass is required. The OPA-151SA includes a high performance DSP based preamp that provides complete processing functions. When used without the powered sub woofer the enclosure offers a low frequency bandwidth of 150Hz, making the system ideal for high intelligibility vocal reproduction.



## FEATURES

- » High directivity vertical column array
- » 8 closely spaced 2" radiating elements
- » Neodymium based transducers
- » Switchable 8 ohm or 32 ohm operation
- » 130 dB / 127 dB max SPL (Peak / Continuous)
- » Multiple rigging accessories
- » High power handling transducer elements

## SPECIFICATIONS

<b>Frequency Response:</b>	150Hz – 20kHz on axis
<b>Power Handling :</b>	200 watts continuous (800 peak)
<b>Sensitivity:</b>	96dB 1 watt at 1 meter
<b>Impedance (nominal):</b>	8 ohms or 32 ohms (user switchable)
<b>Coverage:</b>	120 degrees horizontal 10 degrees min vertical
<b>Dimensions:</b>	490mm x 63mm x 104.6mm 19.3" x 2.48" x 4.12"
<b>Weight:</b>	2.8 kg (6.2 lbs)

<b>Available Accessories:</b>	PTB-82 pan and tilt bracket
	TBEC-82 enclosure coupling bracket
	PSA-82 pole stand adaptor

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On Point Audio offers a variety of rigging accessories. The OPALine enclosure may be coupled to one additional OPALine-82 that yields a very high performance 16 element vertical array. The TBEC-82 coupling bracket also allows for individual aiming of the two enclosures to further optimize radiation patterns in various acoustic spaces. The TBEC-82 coupling bracket will allow 5 degrees tilt steps to a maximum angle of 15 degrees. A single column or a two column array may be wall mounting using the PTB-82 pan and tilt bracket. The tilt aiming is in 3.8 degree steps to a maximum of 15 degrees down tilt. The pan aiming is in 7.5 degree steps to a maximum of 30 degrees either side of axis. On Point Audio also offers a loudspeaker pole adaptor, the PSA-82 that allows the OPALine-82 array to be mounted the top of OPA-151 SA powered subwoofer. The PSA-82 two down tilt steps from 0 degrees to a maximum down tilt angle of 10 degrees.

The OPALine-82 features a rugged metal enclosure and heavy gauge steel protective grill. The OPALine-82 is available in both black and white color. The system input is a 4 position barrier strip and is optimized for permanent installation for fixed applications.

