

**Dlp Audio b.v. Qube audio**  
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## QSA 210

Two way “line array” speaker

The QSA-210 is a two way passive line array speaker featuring Two 10” neodymium magnet woofers and Two 1” exit (1.7” voice coils) neodymium magnet HF drivers. A single QSA 210 cabinet handles 500w RMS at 8 ohms and delivers 127dB SPL. The system is based on a totally new technology: The Isophasic Plane Wave Generator. The Isophasic Plane Wave Generator utilizes path length equalization technology, which generates planar wave fronts over a wide operating band. The higher frequencies pass thru as rays, while at lower frequencies the refractor lens represent a close spaced array of diffraction slots. The result is a line shaped source evenly distributed within the cabinet as well as within the linearray. It allows high power and precise line array performance to be generated from a column of biamped (a minimum of Six QS 210) cabinets just 60 cm ( 23.6”) wide. The cabinet is designed for extremely quick set-up and the included two point flying hardware provides Two different settings (0° and 5°) to allow the creation of a straight line array and curved clustering (J-Array). The express bar is designed for sturdy fly mounting as well as ground-stacking the cabinets. The optional QUBE SP 26 is a digital signal processing controller, that is programable to optimize the performance of the total system. Other Qube Series speakers systems and subwoofers are fully compatible, electronically and acoustically, with the QSA-210, which can be used to partner with it for Sidefills, Downfills and sub bass applications.

### SINGLE CABINET

Horizontal Dispersion	150°
Vertical Dispersion	5°
LF Drivers	2x10"neodymium magnet woofers
HF Drivers	2x1" exit, (1,7" voice coil ) neodymium magnet drivers
Power LF	400 W RMS into 8 Ohms
HF	100 W RMS into 8 Ohms
Sensitivity (1 W/1 mt.) LF	101 dB HF :=107 dB
Max SPL LF	127 dB HF :=127 dB
Net dimensions (WxHxD)	cm 60,5x29,5x40,5 (23.82” x 11.6” x 15.95”)
Net weight	kg 32 (lbs 70,5)



### 8 SPEAKERS

Frequency range (-3dB)	60 Hz -18 KHz
Sensitivity (1 W/1 mt.)	LF >_ 110 dB
	HF >_ 110 dB (Splay Dependent)
Max calculated SPL	LF >_ 144 dB
	HF >_ 139 dB (Splay Dependent)
Horizontal coverage	150°
Vertical coverage	Splay Dependent
Recommended External Controller	Qube SP 26D
Recommended Subwoofers	QS 218 - QS 118- RUT - TRS
Recommended Power Amplifiers	PA 360