



**V2i** long throw line source for install User'manual

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## **Specifications**



V2i (P/N:060200000236000) **Description:** 3-way line array enclosure Power handling capacity(program) : LF:2x900W/MF:960W/HF:440W Frequency response: 34~20kHz (processed) Maximum SPL\*:145dB (processed) Nominal impedance: LF:2x8Ω/MF:8Ω/HF:16Ω Coverage angle (-6 dB): Horizontal:110° Vertical: dependent upon number of elements and array curvature Transducers: LF: 2×12". weather-resistant

MF: 4×6.5", weather-resistant HF: 2×3", diaphragm compression driver neodymium

### **V2i VARIABLE CURVATURE SYSTEM**

The 3-way quad amplified design, the transducers resources are among the characteristics giving V2i an exceptional ability to perform in many applications and with a record-breaking performance/weight ratio. A V2i line source Inter-element angles can be set with laser like accuracy up to a generous 10°, allowing the optimization of the vertical coverage with SPL smoothly spread across the audience. Horizontally, the V2i coverage pattern can be adjusted to sector and match any audience or specific room geometries. Thanks to its full range capability, the V2i enclosure can be deployed as a standalone line source. For applications demanding extreme LF impact or maximized LF projection.

The V2i system flexibility makes it suited to both permanent installation applications, from theatre or live house to stadium productions.

### **Rigging components:**

4-point rigging system Inter-enclosure angles: 0.25°, 1°, 2°, 3°, 4°, 5°, 7.5° or 10° Application: Minimum 2 V2i, maximum 16 V2i enclosures Connects: IN/LINK: 2xSPK 8pins CA-COM Cabinet: 15mm birch plywood made by CNC Handling:4 handles Front: coated steel grille Finish: black polyurea spot spray Product DIM / Package DIM (mm): W1300xH338xD500 / W1386xH688xD562 Net Weight: 66kg / 145.5lb Gross Weight: 73ka / 161lb

\*Peak level measured at 1 m under free field conditions using pink noise with crest factor 4 (preset specified in brackets).







# **Rigging system description**



## **Rigging steps**

- 1)Check that all the pins are secured and locked;
- 2)Always check that the pins is locked in the hole corresponding to the tilt angle shown on the bracket;
- 3)Reverse and connect the rear brackets of the second cabinet using the hole for the proper angle;
- 4)Connect all the other cabinets following the same procedure and connecting a single cabinet each time.





## **Connectors:**

The V2i enclosure is equipped with two SPK 8 CA-COM connectors wired in parallel.

The IN connector allows receiving the audio signals, whereas the LINK connector allows routing them to another similar enclosure in parallel.



#### Internal pinout for V2i enclosures

CA-COM 8 pins	A/B	C/D	E/F	G/H
Transducer (as seen from the front)	Left LF speaker	Right LF speaker	MF section	HF section

#### Impedance load

	LF	MF	HF
1 enclosure	8 Ω	8 Ω	16 Ω
2 enclosure	4 Ω	4 Ω	8 Ω
3 enclosure	2.7 Ω	2.7 Ω	5.2 Ω

## Appendix recommendation for speaker cables

The following table provides the recommended maximum length depending on the cable cross-section and on the impedance load connected to the amplifier.

		Recommended maximum length					
Cable cross-section	1 enclosure		2 enclosures in parallel		3 enclosures in parallel		
mm²	AWG	m	ft	m	ft	m	ft
2.5	13	30	100	15	50	10	33
4	11	50	160	25	80	17	53
6	9	74	240	37	120	25	80



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