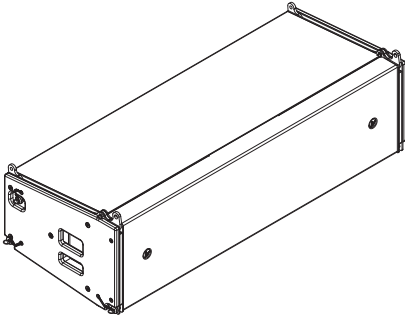


V2i *long throw line source for install*

User'manual

A1



V2i (P/N:060200000236001)

Description:

3-way line array enclosure

Power handling capacity(program) :

LF:2x1000W/MF:1600W/HF:440W

Frequency response:

33~20kHz (processed)

Maximum SPL*:146dB (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:steel grill with coating acoustically neutral 3D fabric

Finish:black polyurea spot spray

Product DIM / Package DIM (mm):

W1300xH338xD500 / W1386xH688xD562

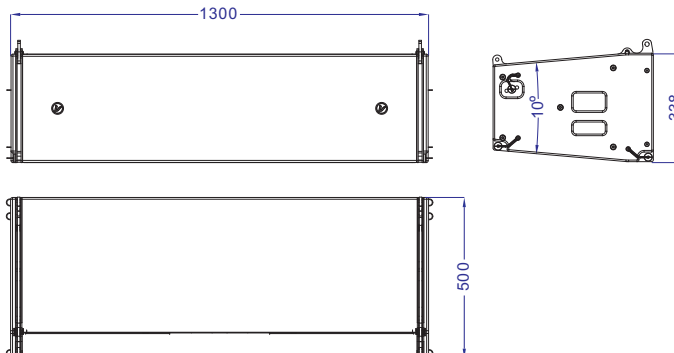
Net Weight:

73kg / 161lb

Gross Weight:

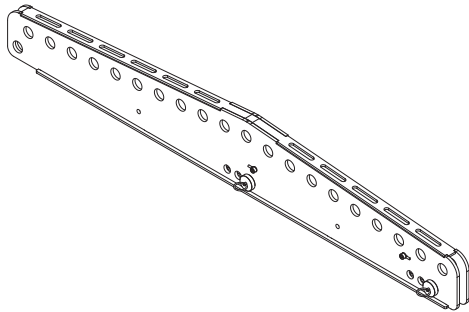
80kg / 177lb

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

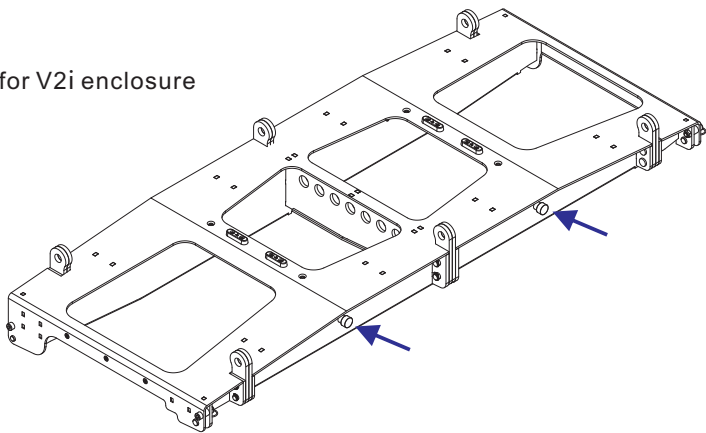


Rigging elements

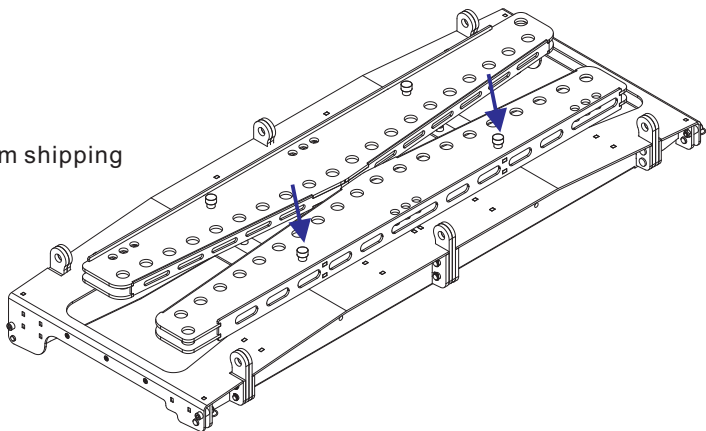
V2-EB
Rigging bar for V2-FF



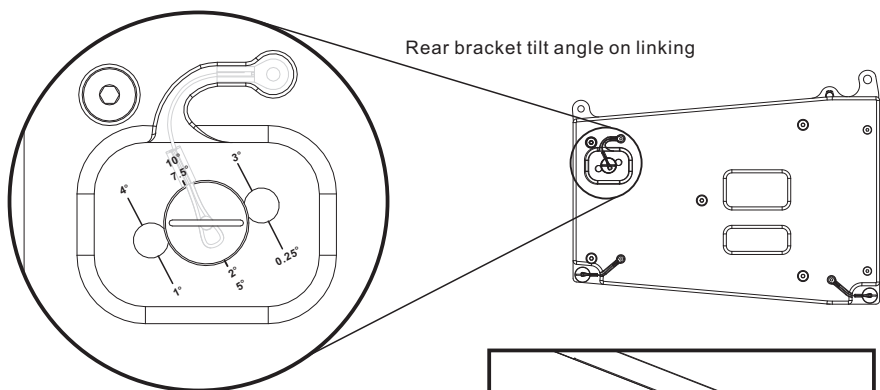
V2-FF
Rigging frame for V2i enclosure



Central bar from shipping

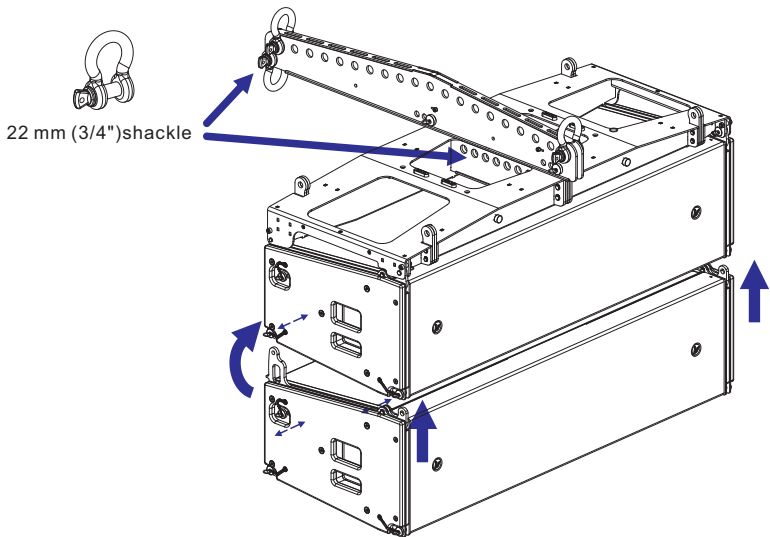
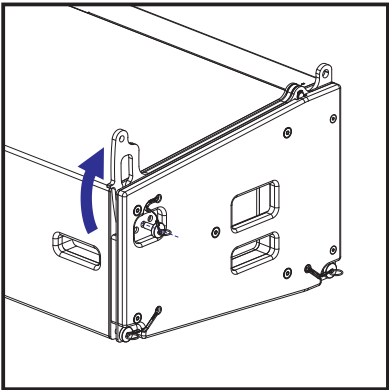


Rigging system description



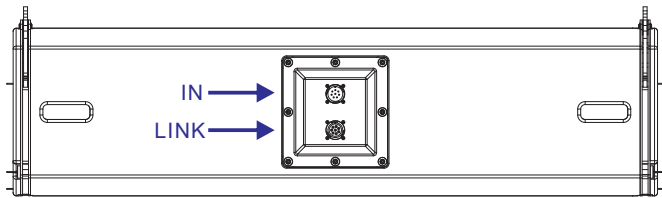
Rigging steps

- 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.

Cable cross-section		Recommended maximum length					
		1 enclosure		2 enclosures in parallel		3 enclosures in parallel	
mm ²	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



Verity Audio reserves the right to make any changes to the product specifications without prior notice.