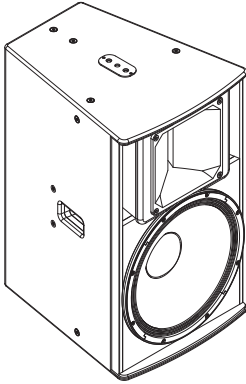


# K15 *2-way full range Loudspeaker*

User's manual





The K15 is a high performance passive 2-way loudspeaker. A single 15" neodymium driver in the bass reflex cabinet and different high frequency sections is suitable for sound applications in a variety of installations.

Designed for precise mode control using 1.4" outlet neodymium drivers and large corners. They offer 120° x 60° rotatable dispersion characteristics.

With a frequency response extending from 45Hz to 20kHz (processed), these cabinets can be used as a full-range system or complemented by different subwoofers from the SUB or VS series.

The shell is made of birch plywood with impact-resistant black grit-point state paint. The front of the cabinet is protected by a sturdy metal grill.

Combined with a variety of rigging, it is suitable for installation in various engineering applications.

## K15 (P/N:060200000229000)

### Description:

2-Way full range Loudspeaker

### Power handling capacity / peak:

1000W(program) / 2000W(peak 10ms)

### Frequency response:

45~20kHz (-10dB)

**Maximum SPL:** 136dB \*

**Nominal impedance:** 8Ω

### Coverage:

120° x 60° HF-horn, rotatable

### Transducers:

LF: 1×15" cone driver V.C:3"

HF: 1×1.4" coaxial exit with 3" diaphragm neodymium

**Acoustical load:** bass-reflex

### Connect:

2xNEUTRIK® NL4 SPEAKON® parallel

**INPUT/OUTPUT:** +1/-1; **LINK:** +2/-2

### Cabinet:

15mm birch plywood made by CNC

**Handling:** 2 handles

**Front:** coated steel grille

**Finish:** black grit paint

### Product DIM / Package DIM (mm):

W417.5xH687.5xD500 / L605xW525xH805

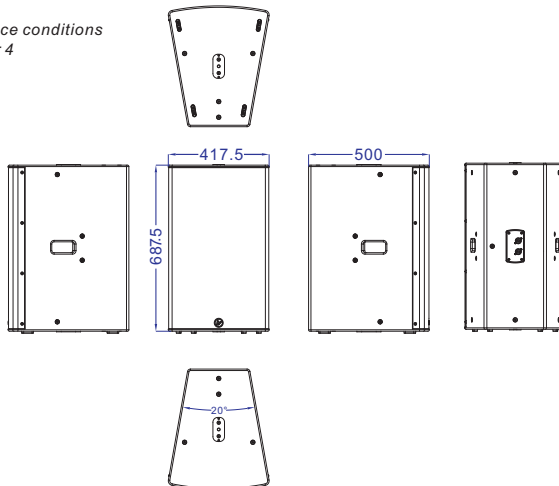
### Net Weight:

26kg / 57lb

### Gross Weight:

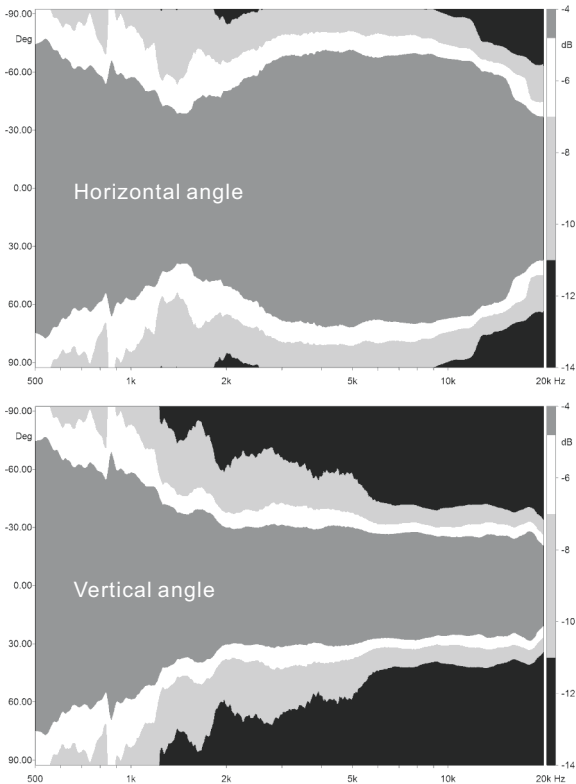
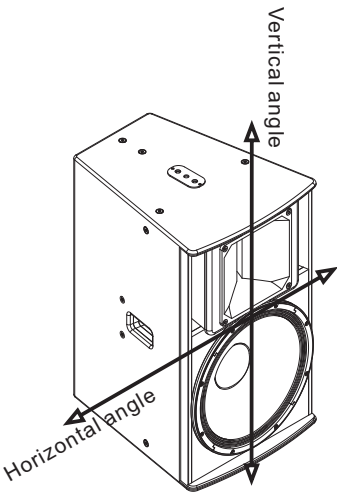
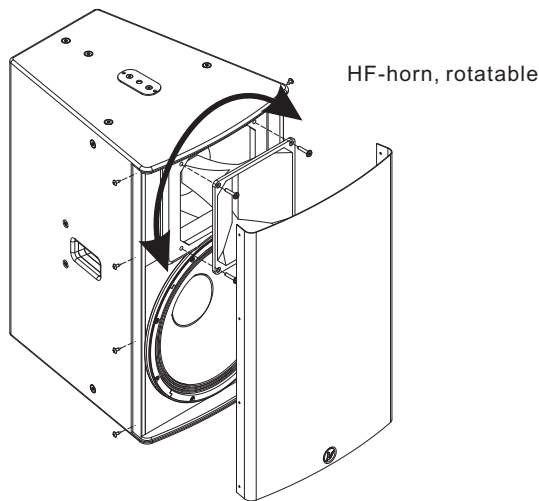
33kg / 73lb

*\*Peak level at 1 m under half space conditions using pink noise with crest factor 4*



Directivity

K15 adopts constant pointing waveguide coupling,Generate a 120°x60° H/V pattern.

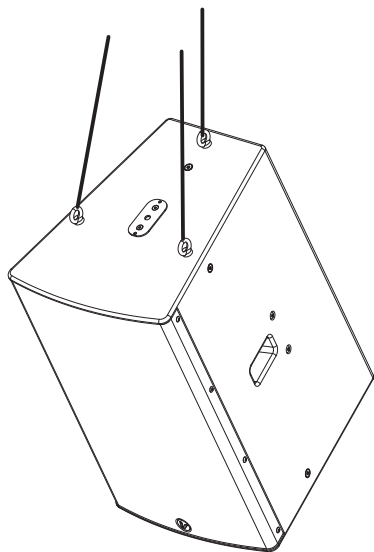


**Flying system description**

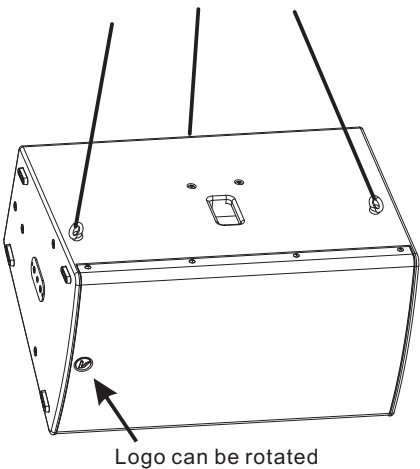
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**Rigging:**

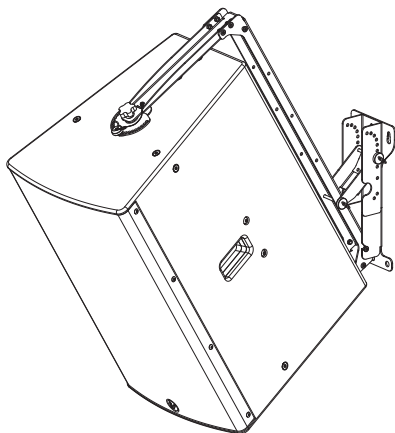
**Vertical flying:**



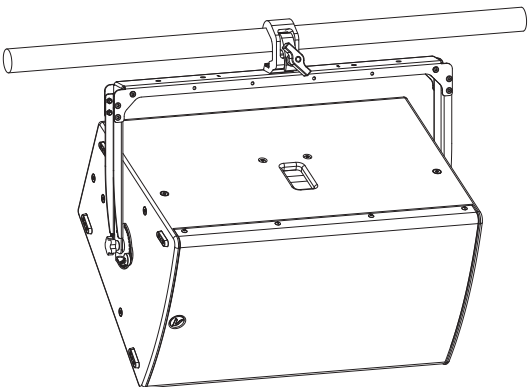
**Horizontal flying:**



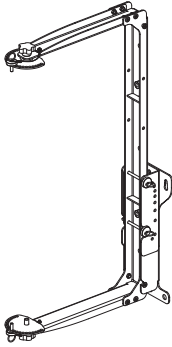
**Wall flying:**



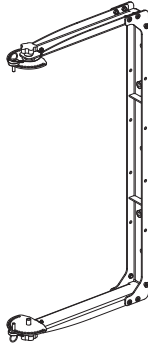
**Truss flying:**



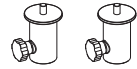
## Rigging elements:(Optional accessories)



Wall bracket  
K15-WU(A0)  
P/N:060800000081000



U-bracket  
K15-U(A0)  
P/N:060800000080000

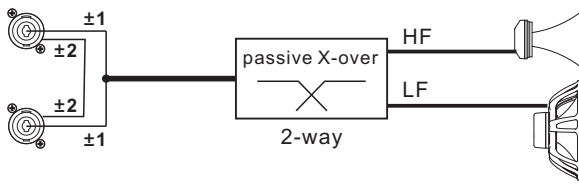


Pole sockets  
M10 / Ø35mm  
P/N:060800000079000

## Loudspeaker connection:

### Connector wiring

2x**NEUTRIK**® NL4 **SPEAKON**® parallel (+1/-1=INPUT/OUTPUT;+2/-2=LINK:)

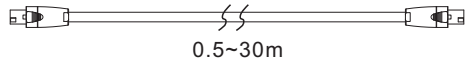


## Loudspeaker cables

For K15 speakers, the number of the same link should be less than three parallel parts

Impedance load

1 enclosure: 8Ω; 2 enclosures in parallel: 4Ω;



Recommendation for speaker cables

Follow the recommended maximum length for loudspeaker cables to ensure minimal SPL attenuation.

cable gauge		recommended maximum length			
		1 enclosure		2 enclosures in parallel	
mm <sup>2</sup>	AWG	m	ft	m	ft
2.5	13	30	100	15	50
4	11	50	160	25	80
6	9	74	240	37	120





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