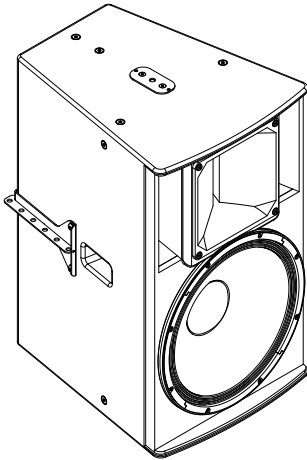


K15 *2-way full range Loudspeaker*

User's manual

Specifications



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 grille.

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

K15 (P/N:06020000229000)

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: 8

Coverage:

120° x 60° HF-horn, rotatable

Transducers:

LF: 1x15" cone driver V.C:3"

HF: 1x1.4" 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

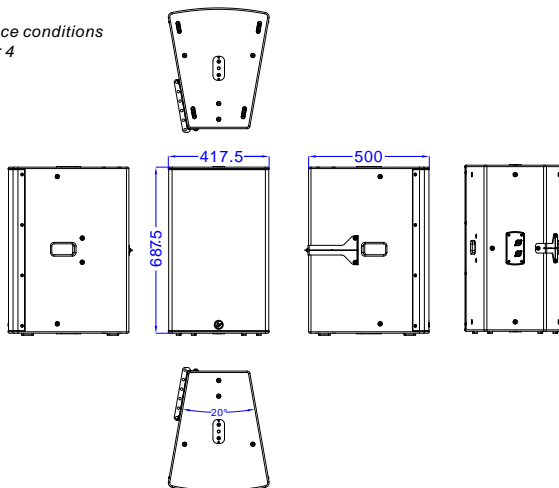
Net Weight:

26kg / 57lb

Gross Weight:

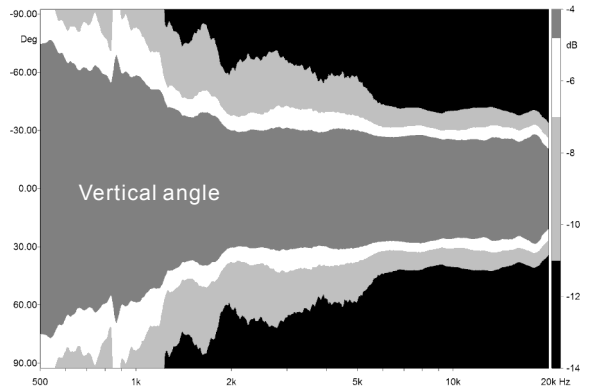
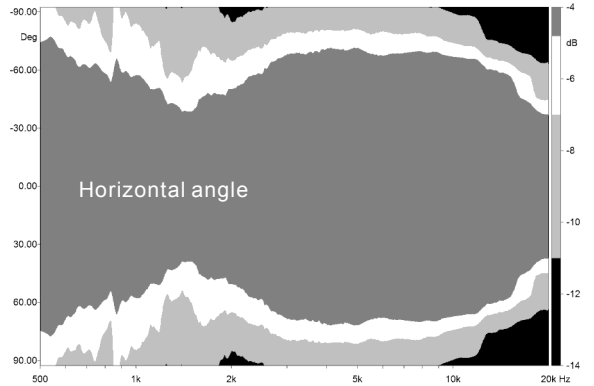
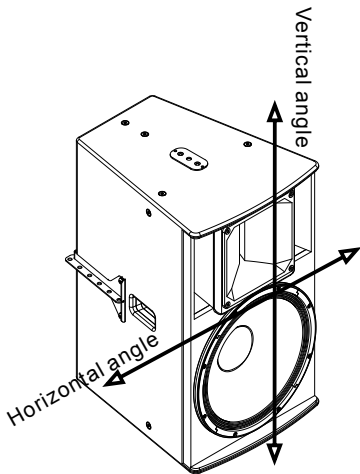
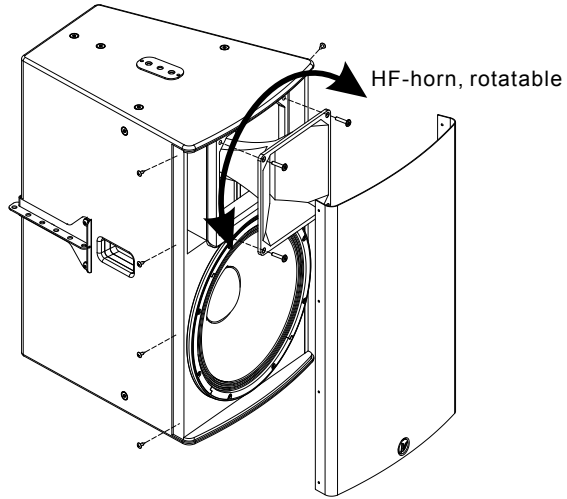
33kg / 73lb

**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 $120^\circ \times 60^\circ$ H/V pattern.



Flying system description

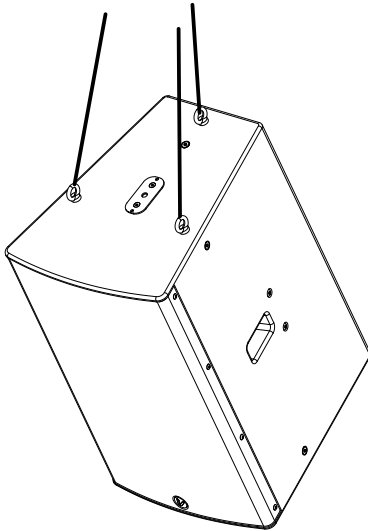
Rigging elements:

Horizontal flying frame

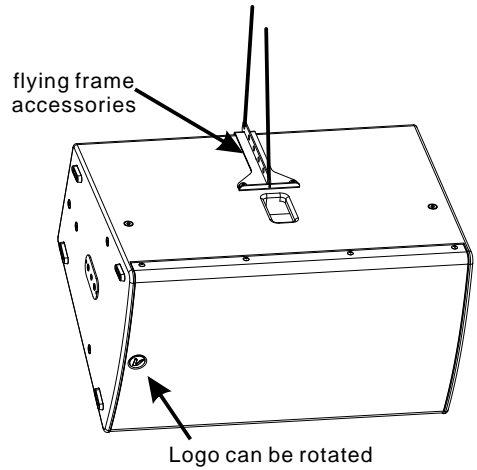
Supplied with packaging

Quantity: 1pcs for K15 (already installed on K15)

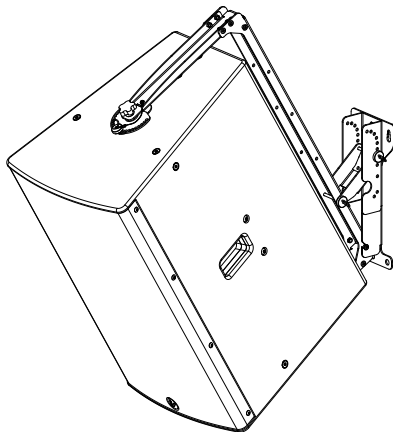
Vertical flying:



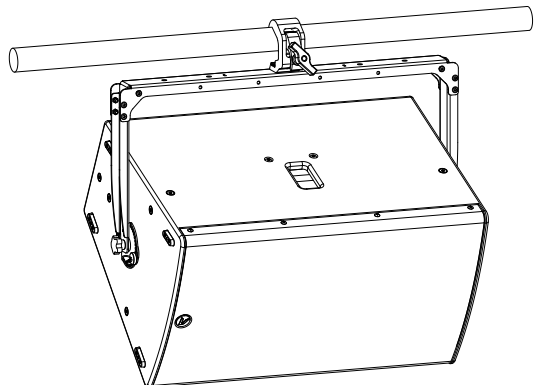
Horizontal flying:



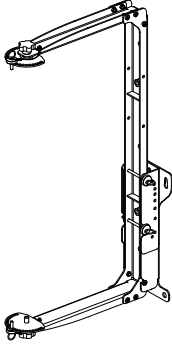
Wall flying:



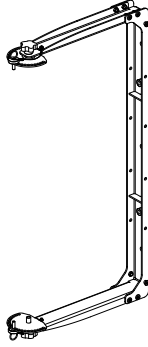
Truss flying:



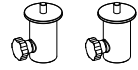
Rigging elements:(Optional accessories)



Wall bracket
K15-WU(A0)
P/N:06080000081000



U-bracket
K15-U(A0)
P/N:06080000080000

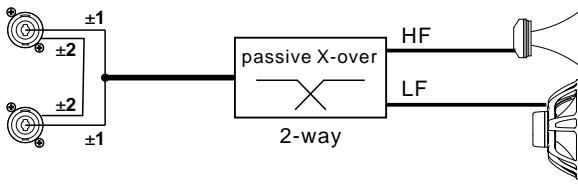


Pole sockets
M10 / Ø35mm
P/N:06080000079000

Loudspeaker connection:

Connector wiring

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

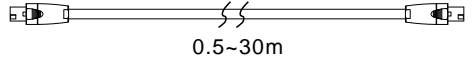


Loudspeaker cables

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

Impedance load

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



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 ²	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.