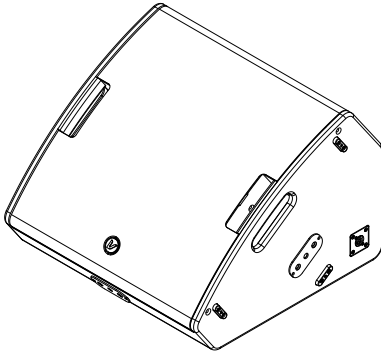


CM15 *reference stage monitor*

User's manual

Specifications



CM15 (P/N:06020000219000)

CM15H (P/N:06020000220000)

Description:

2-way passive coaxial enclosure stage monitor

Power handling capacity / peak:

800W(program) / 1600W(peak 10ms)

Frequency response:

45~20kHz (-10dB)

Maximum SPL:134dB (processed)*

Nominal impedance:8

Coverage (h x v):

in monitor use 40°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

The CM15 is a passive coaxial system designed as a reference stage monitor. The enclosure features a 3" diaphragm compression driver coaxially-loaded by a low frequency transducer in a bass-reflex cabinet.

It provides a stage monitoring angle setting of with regard to vertical or thanks to its built-in risers. for special narrow all applications, the CM15 can be pole-mounted using the integrated socket or down and tilted in various orientations using its rigging accessories.

The CM15 combines all the qualities of a reference stage monitor. It offers power (SPL) in beamwidth, an excellent acoustic isolation with its narrow ellipsoid directivity of x , a high immunity to feedback, an ultra-low profile and low weight for integration and handling, a rugged build and an active design with low latency preset. In addition, sound designers can take advantage of its directivity for narrow all applications.

The CM15 can be pole-mounted using the integrated socket. Other deployments such as wall-mounted, ceiling mounted or down are quick and easy, with a complete range of rigging accessories that offer multiple set-up options and various orientations.

Connect:

3xNEUTRIK® 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 polyurea spot spray

Product DIM / Package DIM (mm):

W550xH418xD550 / L650xW510xH660

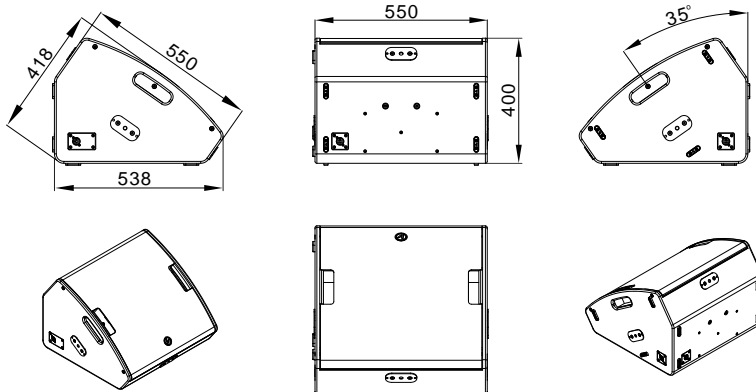
Net Weight:

26kg / 58lb

Gross Weight:

32kg / 71lb

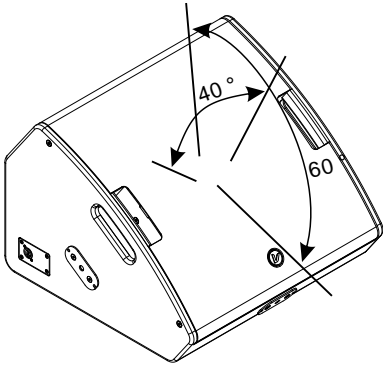
**Peak level at 1 m under half space conditions using pink noise with crest factor 4*



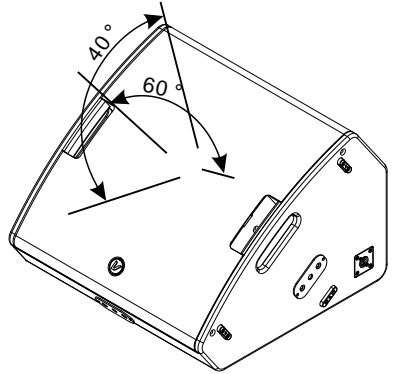
Directivity

CM15 features a coaxial transducer arrangement coupled with an ellipsoid waveguide that generates an H/V directivity pattern of $40^{\circ} \times 60^{\circ}$.

CM15H features a coaxial transducer arrangement coupled with an ellipsoid waveguide that generates an H/V directivity pattern of $60^{\circ} \times 40^{\circ}$.

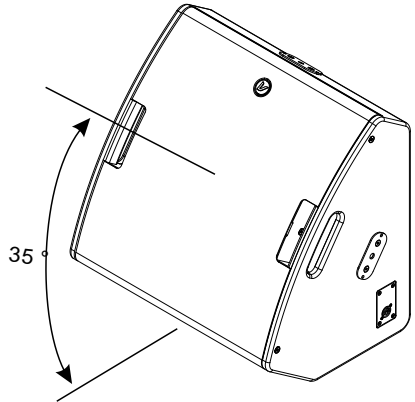
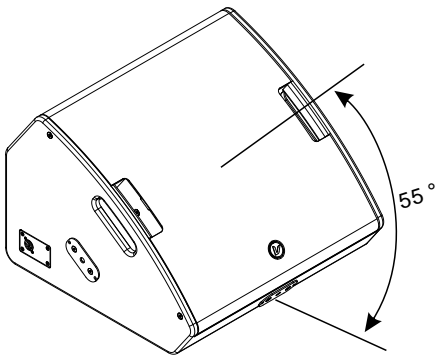


CM15



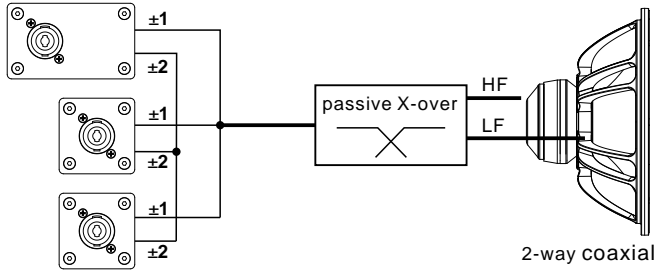
CM15H

CM15 features risers that allow to change the monitor angle from 35° to 55° .



Connector wiring

3x **NEUTRIK**® NL4 **SPEAKON**® parallel (±1=INPUT/OUTPUT; ±2=LINK:)

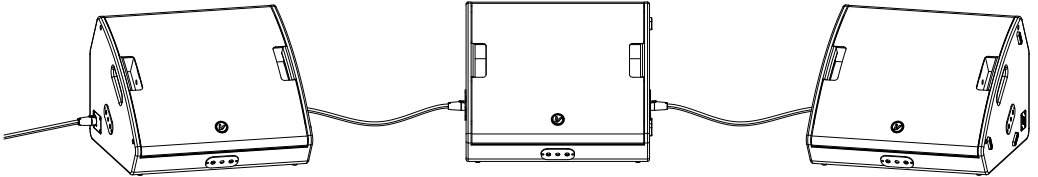
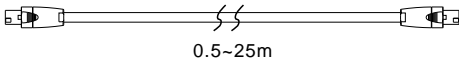


Loudspeaker cables

For CM15 speakers, the number of the same link should be less than three parallel parts

Impedance load

1 enclosure: 8 ; 2 enclosures in parallel: 4 ; 3 enclosures in parallel: 2.7



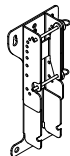
Recommendation for speaker cables

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

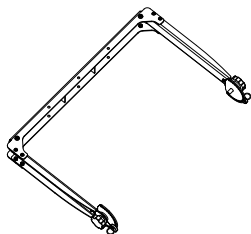
cable gauge		recommended maximum length					
		1 enclosure		2 enclosures in parallel		3 enclosures in parallel	
mm ²	AWG	m	ft	m	ft	m	ft
2.5	13	30	100	15	50	10	33
4	11	50	160	25	80	17	53
6	9	74	240	37	120	25	80

Rigging system description

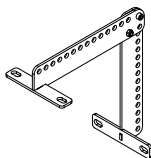
Rigging elements:



Wall bracket



U-bracket

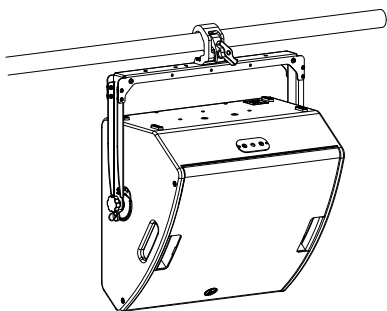


L-bracket

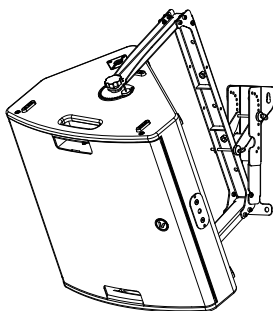


Pole sockets

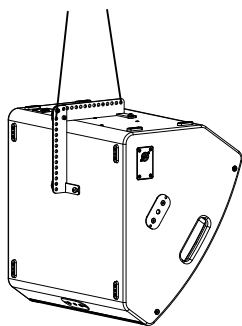
Flying and wall mounting components and support poles:



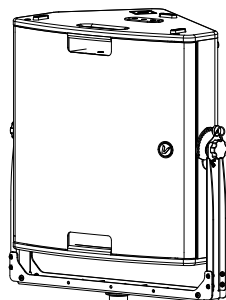
Flying with a U-bracket



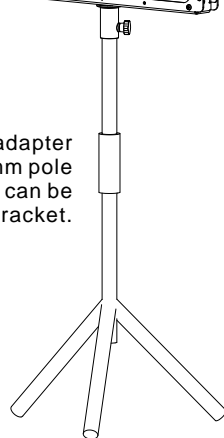
Using a U-bracket
with Wall bracket



Flying with a L-bracket



Pole-mount adapter
for 35 mm pole
The site angle can be
adjusted with the U-bracket.



Verity Audio reserves the right to make any changes to the product specifications without prior notice.
Final specifications to be found in the user manual.

