



# M15 PASSIVE 2-way COAXIAL MONITOR



- 15" 2-way Full range coaxial monitor
- Maximum SPL 138dB
- 1 x 15" Neodymium low driver unit
- 1 x 3" Neodymium Compression driver
- 40 degree horizontal coverage angle
- 60 degree vertical coverage angle
- Monitor angle (1) 55° / 35°
- Monitor angle (2) 0°
- Ground stacking integrated assembly system
- Install Ø 35mm pole socket
- 13x M8 threaded insert

## M15

The M15 is a 2-way high performance stage monitor, provide the frequency range of 50Hz-20kHz(-10dB), employing an integrated 15" LF and 3" exit horn loaded HF coaxial driver design that utilizes neodymium magnets.

The constant directivity dispersion of 40° x 60° (H x V), which this unique horn provides, delivers an accurately defined coverage area on stage. The M15 can also be operated in 2-Way Active mode. When the cabinet is used in an upright position the M15 serves as a powerful PA loudspeaker with a 60° x 40° dispersion, The monitor is matched with two kind angle 55° / 35° / 0°, M15 also can be used a powerful front fill system. suitable for a variety of applications.

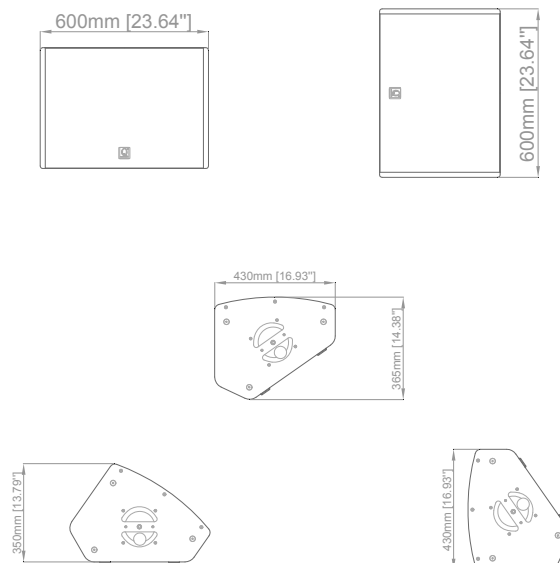
For dedicated installation applications The M15 enclosure is constructed from birch plywood, which incorporates the 2x handles, and 2x 35mm Pole socket.

M15 has an impact resistant paint finish, M8 threaded inserts and a socket to accept loudspeaker stands.

The enclosure shall be fitted with internal hardware and connected via two parallel NL-4 speakOn.

Dimensions: width: 430mm, height: 600mm, depth: 350mm, weight: 21kg/46.3lbs

## Dimensions CAD



[www.qanon-audio.com](http://www.qanon-audio.com)



## M15 Technical Specification

### M15 Technical Specification

Type	Passive 2-way Coaxial Enclosure
Frequency Response(Preset)	50Hz-20kHz(-10dB)
Horizontal	40°
Vertical	60°
Monitor Angle	55° / 35° (1) 0° (2)
Drivers	LF: 1×15" (Neodymium) HF: 1×3" (Neodymium)
Handling Power (AES)	LF: 400W HF: 80W
Maximum Peak SPL	138dB/1m
Nominal Impedance	LF:8Ω / HF:8Ω
Connections	2 x NL4 SpeakOn
Pin Connections	NL4=LF: +1-1
Width	430mm
Height	600mm
Depth	350mm
Weight	21kg / 46.3lb

### Rigging and Handling

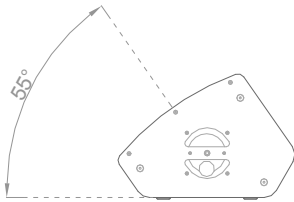
Handle	2 handles
Threaded	13x M8 threaded insert
Pole socket	2x 35mm Pole socket
stand bar	4x 10mm*38mm(H*Ø)

### Physical Data

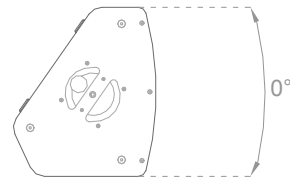
Material	Baltic Birch Plywood
Finish	Dark Grey
Front	Polyester powder-coated steel grill
Rigging	Steel
Protection rating	IP45

## Application

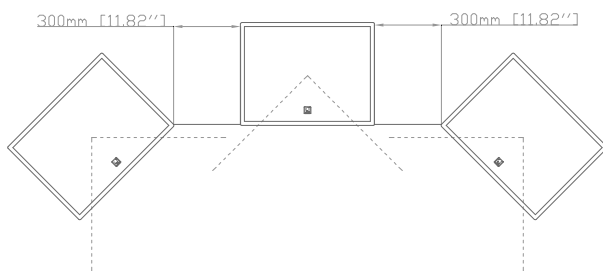
The design and application of M15 coaxial monitor system can be used in many functions. The monitoring angle is matched with two kinds angles,  $55^\circ / 35^\circ / 0^\circ$ , M15 and V18 /Xiv18 ultra low frequency loudspeaker ground stack integration. The addition support  $\varnothing 35\text{mm}$  pole socket can be used with V18 /Xiv18, providing fast and simple ground and stack application.



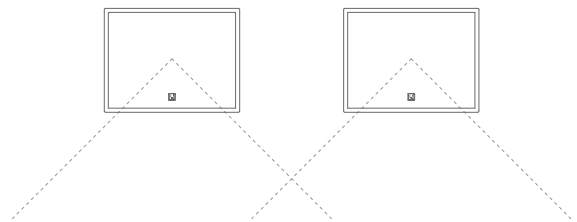
Monitor Angle  $55^\circ$  (Fig 1)



Monitor Angle  $0^\circ$  (Fig 2)



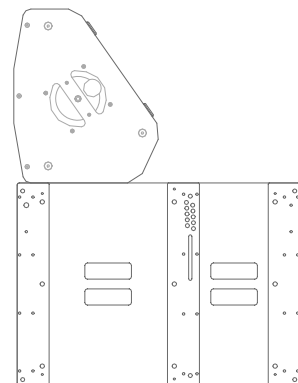
Separate Area (Fig 3)



Parallel Use (Fig 4)



FOH (Fig 5)



Monitor+sub (Fig 6)

## TRANSPORTATION ACCESSORIES

---

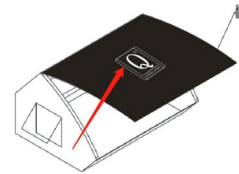
### M15-Touring case:

removable front case on wheels (two M15)



---

### M15-Cover: one M15



---

### Rigging Frame Accessories

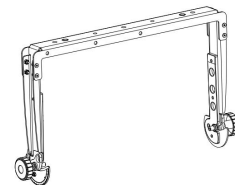
M15 / M12 / M10 Circular Rigging(M8)



---

### Rigging Frame Extender Beam

M15-U Rigging



---

### Speaker Cable

M15 2Pin NL4 2 x 4 mm<sup>2</sup> (50cm)

M15 2Pin NL4 2 x 4 mm<sup>2</sup> (15m)





## VDA18/VDA12 Maximum number of enclosures per Amp

Enclosure	Max enclosure in parallel	Max enclosure per controller
M15	3	12
M12	3	12
M10	3	12

## H800 Maximum number of enclosures per Amp

Enclosure	Max enclosure in parallel	Max enclosure per controller
M15	2	4
M12	2	4
M10	3	6

Enclosure	1	2	3
M15	LF :8 $\Omega$	LF: 4 $\Omega$	LF: 2.7 $\Omega$
M12	LF :8 $\Omega$	LF: 4 $\Omega$	LF: 2.7 $\Omega$
M10	LF: 8 $\Omega$	LF: 4 $\Omega$	LF: 2.7 $\Omega$
Connectors	M15	M12	M10
NL4 2-Pin 2*4 <sup>2</sup>	LF = +1-1	LF = +1-1	LF = +1-1

## Controller Recommend



**VDA18**  
4x1800w 8ohm



**VDA12**  
4x1200w 8ohm



**H-800**  
2x800w 8ohm

## Associated Enclosures

**M15**



**M12**



**M10**



**[www.qanon-audio.com](http://www.qanon-audio.com)**