



M12 PASSIVE 2-way COAXIAL MONITOR



- 12" 2-way Full range coaxial monitor
- Maximum SPL 136dB
- 1 x 12" 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 \varnothing 35mm pole socket
- 13x M8 threaded insert

M12

The M12 is a 2-way high performance stage monitor, provide the frequency range of 60Hz-20kHz(-10dB), employing an integrated 12" 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 M12 can also be operated in 2-Way Active mode. When the cabinet is used in an upright position the M12 serves as a powerful PA loudspeaker with a 60° x 40° dispersion, The monitor is matched with two kind angle 55° / 35° / 0°, M12 also can be used a powerful front fill system. suitable for a variety of applications.

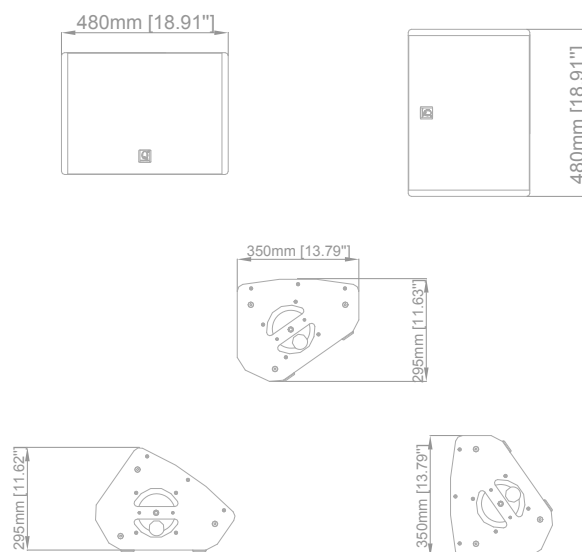
For dedicated installation applications The M12 enclosure is constructed from birch plywood, which incorporates the 2x handles, and 2x 35mm Pole socket.

M12 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: 350mm, height: 480mm, depth: 295mm, weight: 15kg / 33lbs

Dimensions CAD



www.qanon-audio.com



M12 Technical Specification

M12 Technical Specification

| | |
|----------------------------|---|
| Type | Passive 2-way Coaxial Enclosure |
| Frequency Response(Preset) | 60Hz-20kHz(-10dB) |
| Horizontal | 40° |
| Vertical | 60° |
| Monitor Angle | 55° / 35° (1) 0° (2) |
| Drivers | LF: 1×12" (Neodymium) HF: 1×3" (Neodymium) |
| Handling Power (AES) | LF: 350W HF: 80W |
| Maximum Peak SPL | 136dB/1m |
| Nominal Impedance | LF:8Ω / HF:8Ω |
| Connections | 2 x NL4 SpeakOn |
| Pin Connections | NL4=LF: +1-1 |
| Width | 350mm |
| Height | 480mm |
| Depth | 295mm |
| Weight | 15kg / 33lb |

Rigging and Handling

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

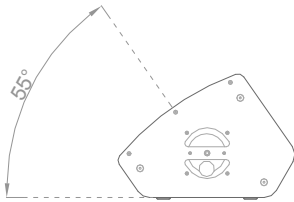
Physical Data

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

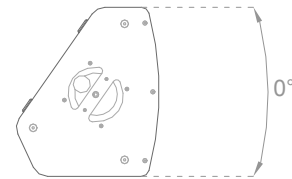


Application

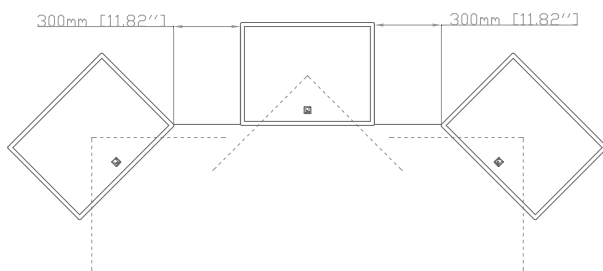
The design and application of M12 coaxial monitor system can be used in many functions. The monitoring angle is matched with two kinds angles, $55^\circ / 35^\circ / 0^\circ$, M12 and V18 /Xiv18 ultra low frequency loudspeaker ground stack integration. The addition support $\varnothing 35\text{mm}$ pole socket can be used with V18 /Xiv18, providing fast and simple ground and stack application.



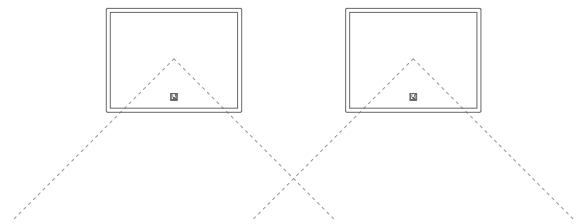
Monitor Angle 55° (Fig 1)



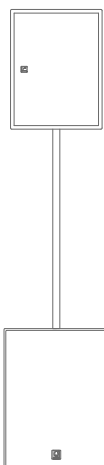
Monitor Angle 0° (Fig 2)



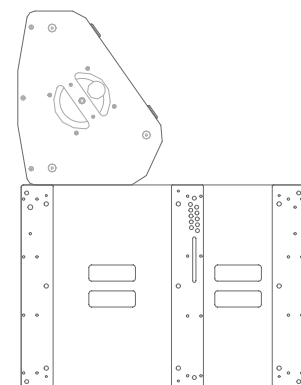
Separate Area (Fig 3)



Parallel Use (Fig 4)



FOH (Fig 5)



Monitor+sub (Fig 6)



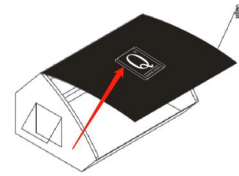
TRANSPORTATION ACCESSORIES

M12-Touring case:

removable front case on wheels (two M12)



M12-Cover: one M12



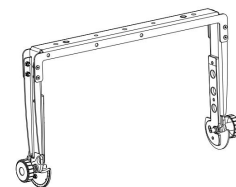
Rigging Frame Accessories

M15 / M12 / M10 Circular Rigging(M8)



Rigging Frame Extender Beam

M12-U Rigging



Speaker Cable

M12 2Pin NL4 2 x 4 mm² (50cm)

M12 2Pin NL4 2 x 4 mm² (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 Ω | LF: 4 Ω | LF: 2.7 Ω |
| M12 | LF :8 Ω | LF: 4 Ω | LF: 2.7 Ω |
| M10 | LF: 8 Ω | LF: 4 Ω | LF: 2.7 Ω |
| Connectors | M15 | M12 | M10 |
| NL4 2-Pin 2*4 ² | 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