

Xiv28 Sub Woofer Product Information



Product Information Version-1.0





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SAFETY INSTRUCTIONS

1. Read this document

2. Pay attention to all safety instructions and hazards and obligatory warnings

3. Do not use equipment or accessories that are not approved by QANON AUDIO.

4. Attention to Sound Level

Do not approach the speaker when operating, and consider wearing earplugs.

Speaker system can produce very high sound pressure level (SPL), which can be instantaneous.

It results in permanent hearing impairment to performers, producers and audiences.

Listening can take place for a long time:

8 hours 90 decibels (A-weighted), 30 minutes 110 decibels (A-weighted), less than 4 minutes 130 decibels (A-weighted).

5. Read the manual before operating the product.

Use speaker system components described in user manual and follow instructions

6. Read the rigging manual before installing the product.

Use the hanging accessories described in the installation manual and follow the relevant procedures.

7. Before repairing the product, please read the "Maintenance" section of this document.

8. Do not expose products to extreme conditions

Do not expose the product to rain or waves.

Do not expose the product to humidity (fog, steam, humidity, cooling, etc.) or overheating (direct sunlight, radiator...) For a long time

9. Do not store products on unstable carts, brackets, tripods, brackets or tables.

10. Maintain this document as an integral part of the product

Put this document in a safe place.

Record any services of the product in the maintenance section of this document

Do not resell products without this update document

Thank you for purchasing QANON AUDIO #Xiv28 sub. The container shall contain - 1 #Xiv28 sub enclosure. Each QANON AUDIO #product has been tested and inspected before it leaves the factory and should arrive intact. Carefully open the container and check for any apparent damage. If so, inform the transport company or distributor immediately. Only the consignee can claim against the carrier for damage in transit. Cartons and packing materials must be kept for inspection by carriers. Read this document carefully to familiarize yourself with the product and identify external documents that contain basic information on correct and safe installation and operation of the product. All the documents described below can be accessed free of charge on the QANON AUDIO < website (www.qanon-audio.com).

As part of the continuous development of technology and standards, QANON AUDIO reserves the following rights:

Change product specifications and document contents without prior notice. Please visit the QANON AUDIO website regularly to download the latest updates of documents and software.

www.qanon-audio.com

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Features

- Maximum SPL 139dB
- 2 x 18" Ferrite low frequency drive unit
- 0° horizontal
- Used with X series ultra low frequency extension
- Used with M series ultra low frequency extension
- Used with TC series ultra low frequency extension
- Used with PS series ultra low frequency extension
- Low frequency limit extends to 25Hz (-10dB)
- Rigging or ground stacking integrated assembly system
- C15/H Series /VDA12 power amplifier controller



Xiv28 High Power Extended Low Frequency Loudspeaker

The Xiv28 is the recommended subwoofer for the X Series Line Array, M, TC, PS Series and other QANON AUDIO® products. It enhances the system's sub-low frequency supplement by enhancing the low-frequency throwing capability, which allows the system's operating frequency range to be extended to 25Hz.

The Xiv28 subwoofer is internally loaded with an 18-inch speaker. It has a powerful impact, sensitivity and low frequency performance, with a vented progressive shape on the inside and outside, allowing laminar airflow and reduced turbulence noise. These comprehensive features help to improve the working level.

The Xiv28 enclosure is made of Baltic birch plywood to ensure maximum acoustic and mechanical integrity.

In the installation application, the Xiv28 is especially suitable for different needs. It can be installed in both mobile and fixed installations. It also provides both vertical and horizontal mounting methods, extending the extension of the low frequency limit, so that you can feel very full low frequency effect. For small rental activities, the Xiv18 and M, TC, and PS series are quick to deploy and easy to assemble. It can be used as a powerful PA speaker ultra-low frequency system, and its excellent projection capability can meet large space and multi-function hall.

The Xiv28 subwoofer can be used as a stand-alone or as an extension of the low frequency of any product by QANON AUDIO® products. Xiv28 is driven and amplified by C15 or H series /VDA12 power controller. Protect and optimize different configurations of loudspeaker systems, including cardioid

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Xiv28 Technical Specification

Type	Subwoofer
Frequency Response(Preset)	25Hz-300Hz(-10dB)
Horizontal	0°
Drivers	LF:2x18" (Ferrite)
Handling Power (AES)	LF:2400W
Maximum Peak SPL	139dB/1m
Nominal Impedance	LF:4Ω
Connections	2 x NL4 SpeakOn
Pin Connections	NL4=LF: +1-1
Heigh Front	550mm
Heigh Back	550mm
Width	1100mm
Depth	700mm
Weight	71kg/156.5lb

Rigging and Handling

Handle	4 ergonomic handles
Pole socket	N/C
stand bar	4x 10mm*38mm(H*∅)

Physical Data

Material	Baltic Birch Plywood
Finish	Black
Front	Polyester powder-coated steel grill
Protection rating	IP45

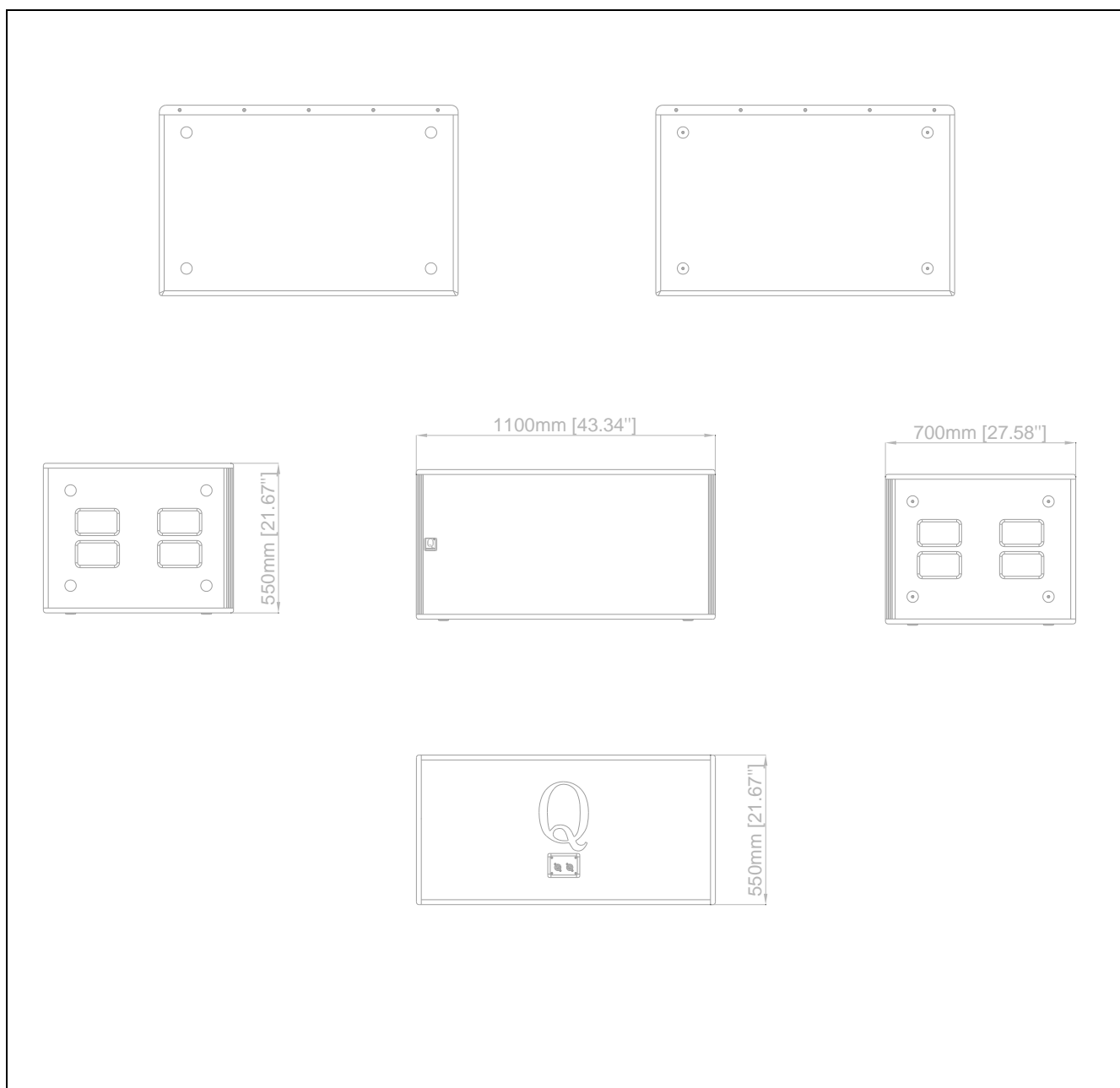
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Dimensions



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Applications Xiv28 stacked horizontal/vertical in a standard or cardioid

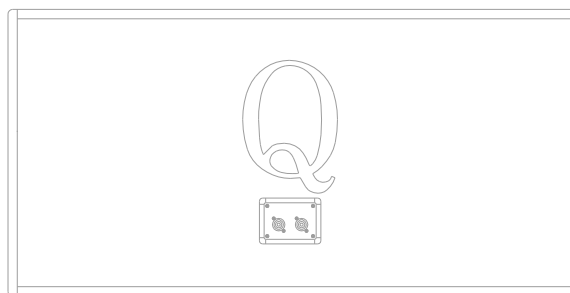
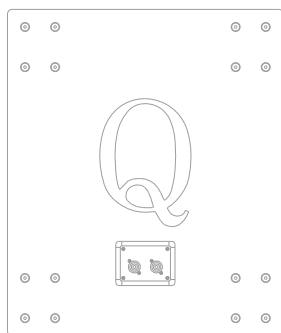
	Standard	Cardioid
vertical		
vertical		
Horizontal		
Horizontal		

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Loudspeaker connection

The X Series is equipped with two 4-point NL-4 speakON connectors.



Xiv18

NL-4 speakON points	1+	1-	2+	2-
Transducer connectors	LF+	LF-	Not Linked	Not Linked

Xiv28

NL-4 speakON points	1+	1-	2+	2-
Transducer connectors	LF+	LF-	Not Linked	Not Linked

Maximum number of enclosures per VDA12 / Impedance load (VDA12)

Enclosure	Max enclosure in parallel	Max enclosure per controller
Xiv18	2	8
Xiv28	1	2

Maximum number of enclosures per H Series / Impedance load (H Series)

Enclosure	Max enclosure in parallel	Max enclosure per controller
Xiv18	2	4
Xiv28	1	2

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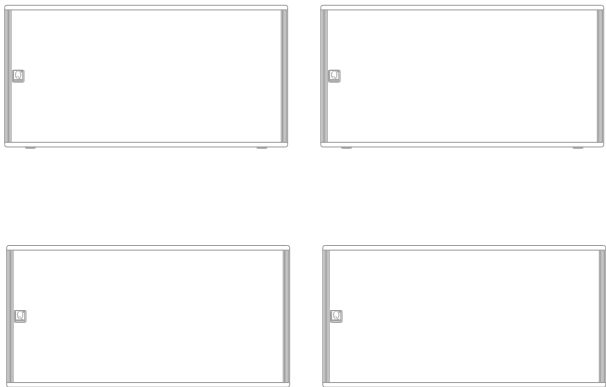
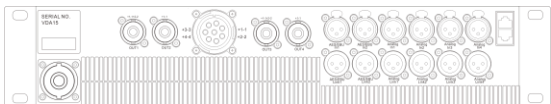
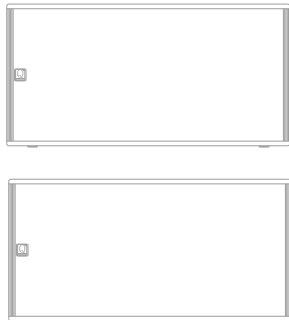
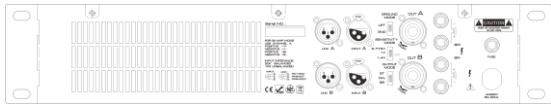


Maximum number of enclosures per H Series / Impedance load (H Series)

Enclosure	1	2
Xiv18	LF 8 Ω	LF 4 Ω
Xiv28	LF 4 Ω	LF 4 Ω

Maximum number of enclosures per VDA 12/18 Series / Impedance load (H Series)

Enclosure	1	2
Xiv18	LF 8 Ω	LF 4 Ω
Xiv28	LF 4 Ω	LF 2 Ω



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VDA12 /VDA18 DSP AMPLIFIED CONTROLLER

VDA12/18



VDA12
4x1200w 8ohm



VDA18
4x1800w 8ohm

H Series AMPLIFIED CONTROLLER with Processor

H Series 2channel Recommend



H-600
2x600w 8ohm



H-800
2x800w 8ohm



H-1000
2x1000w 8ohm



H-1200
2x1200w 8ohm

ASSOCIATED ENCLOSURES

Xiv18



Xiv28

