

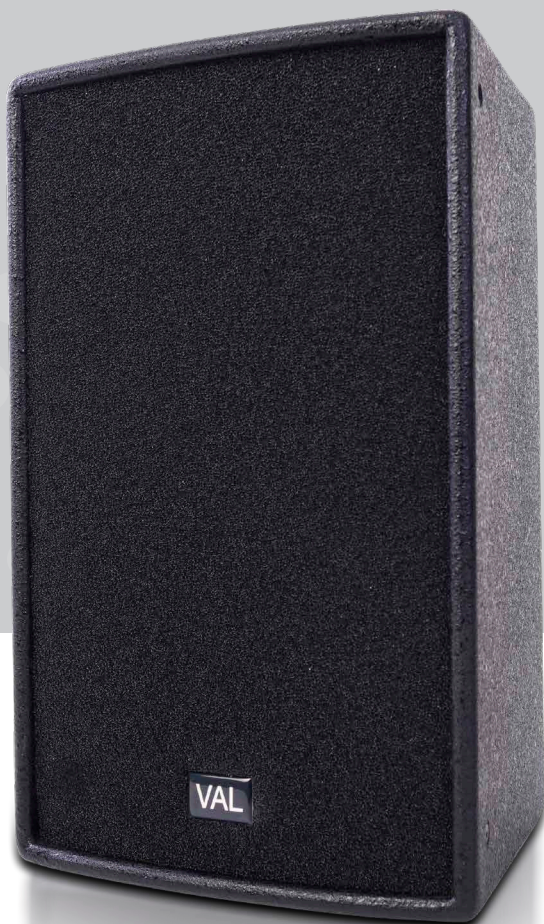
# QX8HP

## High Performance Series



# VAL audio

Die Liebe zur Musik



The QX8HP is a high performance multipurpose compact cabinet which is ideally suited for fixed installation applications. Offering extremely flexible mounting options including a vertical bracket and both horizontal and vertical M8 fly points, rotatable asymmetric CD horn and internal passive crossover designed to match the voicing of other products in the series, all achieving a flat, linear frequency response. Further it has a wedge enabling it to be used for compact monitoring applications where space is a concern on the stage. Using our own in-house designed and built drivers give depth and clarity which is unrivaled whilst VAL audio's renowned build quality makes this cabinet an easy choice.

The discreet design with reticulated foam front and textured black paint finish and multiple integrated fixing points achieves a high class look suitable for any application.

Designed with a VAL audio 8" custom 200 W, 8 Ohm woofer and 1.4" compression driver, the internal passive crossover ensures a linear, usable frequency response of 62 Hz to 20 kHz (-6 dB) across an asymmetric H50° to 100° x V55° dispersion with rotatable CD horn. A maximum SPL of 125 dB (peak). Sharing voicing characteristics with the rest of the QX series allowing them to be used simultaneously, keeping a consistent tone.

Mounting options include integrated 12 x M8 fixing points along with the Vertical Yoke.

The rear cast aluminum connection plate has two 4 pin speakON® connectors fitted as standard, one input and one link. The speakon connectors are wired on pins +1-1, with pass through of pins +2-2.

## KEY FEATURES

- High Power 200W RMS power capacity
- Extremely smooth sounding fullrange loudspeaker
- High quality custom premium European drivers
- Proprietary asymmetric rotatable CD Horn
- HF - High power 1" exit compression driver with 1.4" diaphragm
- Multi purpose cabinet design for FOH or monitor use
- Birch plywood cabinet
- Touring grade textured waterborne black, scratch resistant coating
- Tropicalized moisture free construction (hardware and drivers)
- Comprehensive flying hardware M8 inserts

## TECHNICAL SPECIFICATIONS

### Design

8" Reflex Tuned, Mid High Point Source Cabinet

### Impedance

8 Ohm

### Power Handling (AES)

200 Watts (continuous)

### Max. Power Handling (AES)

400 Watts (program)

800 Watts (peak)

### Sensitivity 1W / 1m

96 dB

### Max. SPL

119 dB cont

125 dB peak

### Usable Frequency Range (-6 dB)

62 Hz - 20 kHz

### Dispersion

50° to 100° x 55°, Rotational

## SYSTEM OPERATION

Recommended Amplification

200 - 400 Watts

### System Controller

optional

### Speaker Cables

Min - 2 x 2.5 mm<sup>2</sup>

Preferred - 2 x 4 mm<sup>2</sup>

## PRODUCT FEATURES

### Components

1 x 8" Low Frequency Driver

1 x 1.4" Horn loaded Compression Driver

### Crossover

Passive - 1.7kHz

### Connectors

1 x 4 pole Speakon Connectors

### Dimensions (H x W x D mm)

417 x 266 x 234

### Weight (kg)

10

### Shipping Weight (kg)

11.5 (1 cabinet per carton)

### Colour

Black

### Rigging

12 x M8 mounting points for horizontal and vertical flying, Vertical U bracket included

### Additional Descriptive Data

Birch plywood construction, with durable touring grade scratch resistant black textured paint finish, kick-proof steel grill and black foam with VAL audio logo.

## MEASUREMENT

MLS - Frequency Response & Impedance - 1/3 octave 1W/1m 2PI (half space)

