

# QX15HP

High performance Series



# VAL audio

Die Liebe zur Musik



The QX15HP is a high performance cabinet which is designed for stage monitoring and general PA applications. Offering extremely flexible mounting options including a pole mount adapter 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. 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 paint finish and multiple integrated fixing points achieves a high class look suitable for any application.

Designed with a VAL audio 15" proprietary 600 W, 8 Ohm woofer and 1.7" compression driver, the internal passive crossover ensures a linear, usable frequency response of 48 Hz to 21 kHz (-6 dB) across an asymmetric 50° to 100° x 55° dispersion with rotatable CD horn. A maximum SPL of 131 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 a pole mount adapter as well as integrated 12 x M8 fixing points for both horizontal and vertical flying.

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 600W RMS power capacity
- Extremely smooth sounding full range loudspeaker
- High quality custom premium European drivers
- Proprietary asymmetric rotatable CD Horn
- HF - High power 1" exit compression driver with 1.7" diaphragm
- Multipurpose 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 & Pole mount adapter available

## TECHNICAL SPECIFICATIONS

### Design

15" Reflex Tuned, Mid High Point Source Cabinet

### Impedance

8 Ohm

### Power Handling (AES)

600 Watts (continuous)

### Max. Power Handling (AES)

1200 Watts (program)

2400 Watts (peak)

### Sensitivity 1W / 1m

98 dB

### Max. SPL

125 dB cont

131 dB peak

### Usable Frequency Range (-3 dB)

48 Hz - 21 kHz

### Dispersion

50° to 100° x 55°, Rotational

## SYSTEM OPERATION

Recommended Amplification

600 - 1200 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 15" Low Frequency Driver

1 x 1.7" Horn loaded Compression Driver

### Crossover

Passive - 1.7kHz

### Connectors

2 x 4 pole Speakon Connectors

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

693 x 454 x 400

### Weight (kg)

29

### Shipping Weight (kg)

32.5 (1 cabinet per carton)

### Colour

Black

### Rigging

12 x M8 mounting points for horizontal and vertical flying

### HARDWARE

Fitted as Standard

Pole mount adapter

### 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

