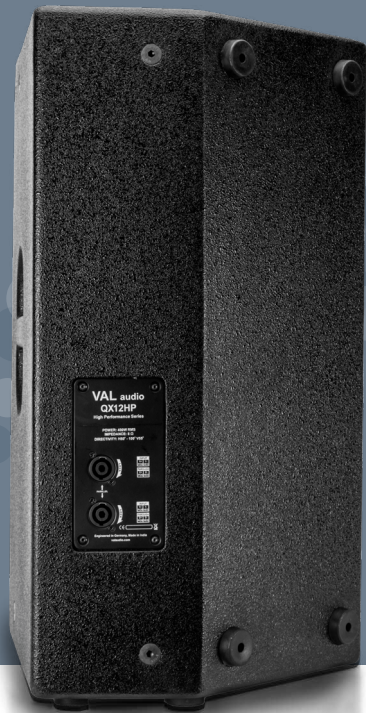


QX12HP

High performance Series



VAL audio

Die Liebe zur Musik



The QX12HP 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 12" proprietary 400 W, 8 Ohm woofer and 1.7" compression driver, the internal passive crossover ensures a linear, usable frequency response of 55 Hz to 21 kHz (-6 dB) across an asymmetric 50° to 100° x 55° dispersion with rotatable CD horn. A maximum SPL of 130 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 aluminium 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 400W RMS power capacity
- Extremely smooth sounding fullrange loud-speaker
- High quality custom premium European drivers
- Proprietary asymmetric rotatable CD Horn
- HF - High power 1" exit compression driver with 1.7" 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 & Pole mount adapter available

TECHNICAL SPECIFICATIONS

Design

12" Reflex Tuned, Mid High Point Source Cabinet

Impedance

8 Ohm

Power Handling (AES)

400 Watts (continuous)

Max. Power Handling (AES)

800 Watts (program)

1600 Watts (peak)

Sensitivity 1W / 1m

98 dB

Max. SPL

124 dB cont

130 dB peak

Usable Frequency Range (-3 dB)

55 Hz - 21 kHz

Dispersion

50° to 100° x 55°, Rotational

SYSTEM OPERATION

Recommended Amplification

400 - 800 Watts

System Controller

optional

Speaker Cables

Min - 2 x 2.5 mm²

Preferred - 2 x 4 mm²

PRODUCT FEATURES

Components

1 x 12" Low Frequency Driver

1 x 1.7" Horn loaded Compression Driver

Crossover

Passive - 1.9kHz

Connectors

2x 4 pole Speakon Connectors

Dimensions (H x W x D mm)

647 x 385 x 360

Weight (kg)

25

Shipping Weight (kg)

28 (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

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

