

SW218UHP

Ultra High Performance Subwoofer

VAL audio

Die Liebe zur Musik



The SW218UHP is a very high power, large format 30Hz capable subwoofer designed for large venues and outdoor events requiring extended low frequency reproduction. SW218UHP can be used singularly or in multiples in both horizontal and vertical orientation using VAL's SW stacking system which ensures secure stacking of multiple units. Ground stacking is also possible with any VAL Point source QX, ZX and Line array VLA, WP and WCX system.

Using two of our proprietary 18" (4.5" VC) die-cast aluminium chassis high excursion drivers coupled with a hybrid slot/reflex design, this cabinet has a frequency response of 30Hz to 600Hz (-6 dB) at an astounding 141 dB SPL (peak).

The robust enclosure has a kick proof front grill with internal reticulated foam, hardwearing touring grade textured waterborne Black paint finish and two large heavy duty handles on each side achieving a high class look suitable for any application.

Integrated rubber feet are located on underside of the enclosure both in horizontal and vertical position for securing in multiple ground stack positions on additional SW218UHP subwoofers. Cups are counter-sunk into the top of the enclosure to lock in additional SW218UHP.

The SW218UHP features two top hat pole mount adapters both one in the horizontal and vertical position in order to enable pole mounting tops with the SW218UHP.

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

- Large format, High output, Direct Radiating dual 18" Subwoofer
- 4.5" four layer, inside outside, long excursion voice coil
- 2800W RMS power handling
- 141 dB Peak SPL
- Ultra Premium European 18" LF driver with extremely high excursion capacity for extended low frequency output
- Advanced thermal management via internal heatsink on die caste chassis of driver
- Touring grade textured waterborne Black, scratch resistant coating
- Top hat provision for pole mounting top both horizontally and vertically
- SW Interlocking stacking system

TECHNICAL SPECIFICATIONS

Design

2 x 18" Subwoofer, Direct Radiating, Bass Reflex Subwoofer.

Impedance

4 Ohm

Power Handling (AES)

2800 Watts (continuous)

Max. Power Handling (AES)

5600 Watts (program)
11200 Watts (peak)

Sensitivity 1W / 1m

101 dB

Max. SPL

135 dB cont
141 dB peak

Frequency Range (-6 dB)

30 Hz - 600 Hz

Dispersion

Omni

SYSTEM OPERATION

Recommended Amplification
2800 - 5600 Watts

System Controller

VAL DSP Solutions

Speaker Cables

Min - 2 x 4 mm²
Preferred - 2 x 6 mm²

PRODUCT FEATURES

Components

2 x 18" Low Frequency Driver

Crossover

Active - LPF - 80 - 110 Hz
HPF - 30 Hz

Connectors

2 x 4 pole speakON® connectors

Dimensions (H x W x D mm)

1087 x 585 x 782

Weight (kg)

116

Shipping Weight (kg)

126 (1 cabinet per carton)

Colour

Black

Rigging

Foot and cup stacking system

HARDWARE

Fitted as Standard

Foot and cups stacking system, Top hat, large metal handles.

Additional Descriptive Data

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

Recommended filter settings are available on the website valaudio.com