

MAIN FEATURES

- PERFECTLY BANKABLE DIMENSIONS
- TOP QUALITY COMPONENTS
- HIGH SPL LOW FREQUENCY APPLICATIONS
- ANTI-TURBULENCE EXPONENTIAL REFLEX
- HIGH BASS PUNCH

DESCRIPTION

Loverbass 218SW is a long-excursion subwoofer with smartly sized exponential ports. Exponential ports by nature never appear saturated: this is the key concept that the Loverbass designers worked on. By using CAD FEA for parts simulation, the resulting port drastically reduces turbulence noise, leading to an increase in output capacity. Equipped with two 18" long-excursion Eighteen Sound woofers with a 4.0" double voice coil or Tetracoil, it manages to achieve extremely high force factors, superior to woofers with a single 6.0" voice coil. The Tetracoil technology, patented by Eighteen Sound, is renowned for being the best in the world for high-intensity low-frequency reproduction. The 2000 + 2000 W RMS Powersoft amplifier can provide output peaks up to 13.5 kW, excellently driving the transducers without power compression. The extremely high energy efficiency, thanks to the Smart Rails Management (SRM) circuit, improves electrical consumption when inactive, allowing for a less audible Noise floor, as well as a reduction in EMC interference and a Power Factor Control (PFC) that optimizes electrical consumption, giving the possibility to connect up to 6 units on a single 16A phase. One final attention was given to the cabinet dimensions, which are designed for transport; in fact, this subwoofer is perfectly stackable on Europallets to optimize the available space during transport.

ACCESSORIES

LoverBAG 218SW



Offers superior protection during transportation, reducing the risk of damage.

LoverROLL_4



Set of 4 swivel/caster wheels D = 100mm with double bearing and brake

Skateboard H 218SW



Dynamic load capacity 450 kg
Ultra-resistant

Skateboard V 218SW



Dynamic load capacity 450 kg
Ultra-resistant

AUDIO

System type: DUAL 18" VENT SUBWOOFER
 Sound pressure¹: 143 dB peak SPL
 Frequency response²: 30 Hz – 120 Hz (-10 dB) Half Space
 Power handling⁴: 3600 W aes / 14.400 W Peak
 Sensitivity (2.83V/1m): 100.5 dB SPL (35–90 Hz)

AMPLIFIER

Amplifier type: 2-channel Class-D amplifier (Powersoft®)
 Total power output: 2 × 2000 W rms at 8 Ohm
 DSP functions: limiter, EQ presets, Delay (4 presets on board)

TRANSDUCERS

LF driver: 2 × 18" cone drivers, 4.0" Tetracoil double voice coil

CONNECTIONS

Signal: XLR F/M Balanced
 Network: RJ-45
 Power Socket: Neutrik® PowerCON input/output

ENCLOSURE

Cabinet material: 18 mm birch plywood, textured paint finish, RAL 9005
 Dimensions: 546 × 1190 × 790 mm (H × W × D)
 Net weight: 90 kg / 198 lbs

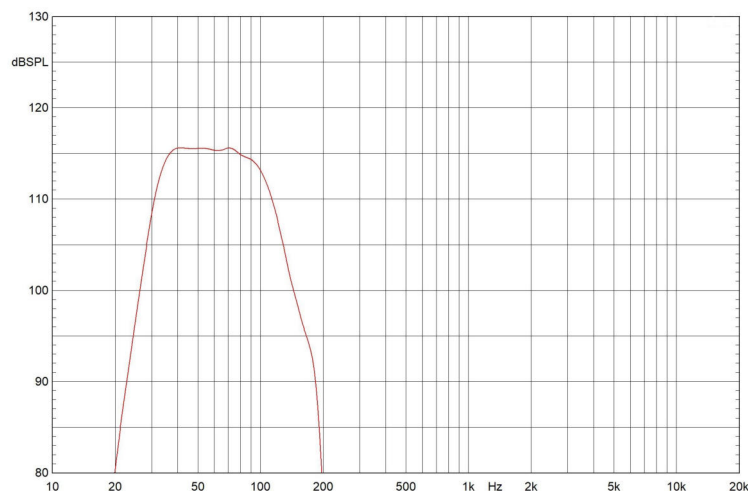
POWER REQUIREMENTS

Power supply: 100–240 VAC ±10%, 50–60 Hz (universal switching PSU)
 Power consumption⁵: 600 W

- 1 - Sound pressure: Peak SPL calculated by summing the acoustic intensity across the full spectrum.
 2 - Frequency response measured as the range within which the power-averaged SPL stays within the stated tolerance. Narrow-band dips are excluded.
 3 - Dispersion: defined by -6 dB points relative to the on-axis response.
 4 - Power handling: 2 hours test made with continuous pink noise signal within the range Fs -10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
 5 - Power consumption: measured with filtered pink noise, 6 dB crest factor, into nominal load, according to AES2-2012 standard.



Frequency response on axis -20dBu at 1m



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