

Future needs heritage The All-new MicroVee X



A minimum size with a maximum performance – that sounds like the squaring of the circle. But who, if not Velodyne Acoustics, could meet this challenge. In 2003 the subwoofer specialist introduced the MicroVee. A minimalistic subwoofer in terms of size and design with a tremendous performance: Indeed, the MicroVee had so much power, it started to jump over the floor, while playing on maximum. Nobody else has managed to put so much sound energy in such a compact format.

With the MicroVee X, Velodyne Acoustics is redefining the segment of ultra-compact subwoofers. The MicroVee X has still the virtues of its predecessor, but the new technology of today.

Impressive low frequency response, minimal space requirement

Amazing Bass Performance in a compact size: The MicroVee X combines Velodyne Acoustics' patented technologies in a living room friendly enclosure.

The Velodyne Acoustics MicroVee X is designed to deliver the best music and home theater experience from the smallest possible enclosure. The subwoofer can be inconspicuously accommodated in virtually any home. The new designed high end Class AB amplifier ensure precise and low-distortion bass reproduction

The Features

A 6.5-inch active driver combined with two side-mounted 6.5-inch passive radiators deliver powerful, musical bass. Velodyne Acoustics' Subwoofer Direct feature optionally bypasses the internal crossover, for best performance in any system. At 800 watts, the Class AB amplifier offers extreme power levels with very low distortion and accurate bass.

The ultra-compact MicroVee X combines patented core technologies from the subwoofer experts at Velodyne Acoustics. Now with additional features, a remote control for volume, power and polarity paired with an external remote eye for maximal flexibility in installations. Measuring 23cm x 23cm x 25cm with a 6.5-inch driver, the subwoofer is one of Velodyne Acoustics' smallest – but with precise bass, it comes up big.



Like all Velodyne Acoustics subwoofers, the MicroVee MKII incorporates anti-clipping circuitry to limit amplifier clipping distortion, and Velodyne's exclusive "Subwoofer Direct" feature that bypasses the internal crossover to assure optimum performance in any music or home theater system.

Subwoofer Specs:

- Protective non-resonant extra-thick Wooden frame mesh grille
- Iso-elastomer feet included
- Extra heavy-duty, high current 2m power cord
- Quick Start Guide
- Adjustable (50 to 200 Hz) low-pass crossover with a 12 dB/octave slope
- Unbalanced stereo/LFE RCA input
- Unbalanced stereo/LFE RCA output for easy daisy chain
- Speaker Level Stereo Input
- Signal sensing auto turn on/off
- Auto power/on switch
- LED Volume level LED bar,
- Volume up / down buttons
- Phase control (0° / 180°)
- Blue (power on) / Red(power standby) mode indicator LED
- Remote control with external remote eye 3m cable
- RoHS compliant, lead-free construction, world-wide safety certifications
- Green 0.5-watt low standby power consumption
- Dimensions (w/ grille): 23cm H X 23cm W X 27cm D
- Dimensions (without grille): 23cm H X 23cm W X 25cm D
- Shipping Dimensions: 36cm H x 36cm W X 32cm D
- Weight (unboxed): 9,5 kg with Grille
- Shipping Weight: 13 kg



Driver Specs:

- All-new proprietary 6,5-inch long-throw driver with high-precision tuned overhung motor configuration.
- 3.6kg Woofer with 3,0kg motor
- 12mm Xmax, 24mm Xmax mech precision aligned excursion
- 2" diameter Voice Coil with high current 4-layer high-purity copper wire windings
- Premium high-purity copper voice coil winding design minimizes distortion and power compression with maximum heat dissipation, linearity, and tuned magnetics for precise high excursion
- Two-piece high grade oversized Y30 Ferrite magnet motor
- 5" composite cotton-poly extreme excursion linear spider
- Dual 24-strand copper-alloy high-temperature leads
- 6,5" Heavy Duty die cast aluminum basket, double vented
- Nitrile rubber extreme-excursion surround
- Lightweight carbon-fiber Composite cone for enhanced sensitivity and transient response

Amplifier Specs:

- High resolution Analog Devices Audio DSP,
- 300 Watt RMS, 800W peak power output class AB design
- Wide input voltage bandwidth compliant for consumer and pro audio up to 4V line level input.
- High efficiency Switching power supply with 2 x 17A 650V MOSFET, for high efficiency.
- High end Class AB amplifier topology with four massive 34A 180V MOSFET's
- EQ and DSP limiter settings specifically for MicroVee X
- Input impedance 16kohm (unbalance RCA)
- Input impedance 20kohm (speaker level)

Remote control:

- IR Remote Control
- sleek, modern design with easy-to-use rubber knobs
- Easiest and most convenient way to adjust:
 - polarity
 - internal lowpass crossover or subwoofer Direct
 - Volume
 - on/off.
- convenient external remote eye with 3m cable to place remote eye visible, no need to see the MicroVee X



Accessories:

- Protective non-resonant extra-thick MDF fabric mesh grille
- Iso-elastomer feet included
- Extra heavy-duty, high current 2m power cord
- Quick Start Guide

Driver	6,5" forward firing active driver 2 x 6,5" passive radiators
Amplifier Class AB	800 watts dynamic 300 watts RMS power
Frequency Response: Overall Frequency Response: (± 3 dB)	18 – 300 Hz 32 – 180 Hz
Low Pass Crossover	50 Hz to 180 Hz (12 dB/Octave)
Phase	0 to 180 degrees
Cabinet Design	Aluminium profile
Magnet Structure	Dual ferrite magnet motor
Woofer	6,5" high excursion double vented basket driver with PP inforced Membrane
Voice Coil	Four Layer 2" / 52mm Voicecoil
Input	GoldPlated Line in Stereo RCA, LFE in, Nickel Plated Highlevel
Output	Gold plated LFE /RCA
Power Selector	Off / Auto / On
Finishes	Black/ white
Dimensions (W/H/D) (includes feet and connectors)	23cm x 23cm x 25 cm
Weight (approx)	9 kg
Shipping Weight (approx)	11kg