

Velodyne®

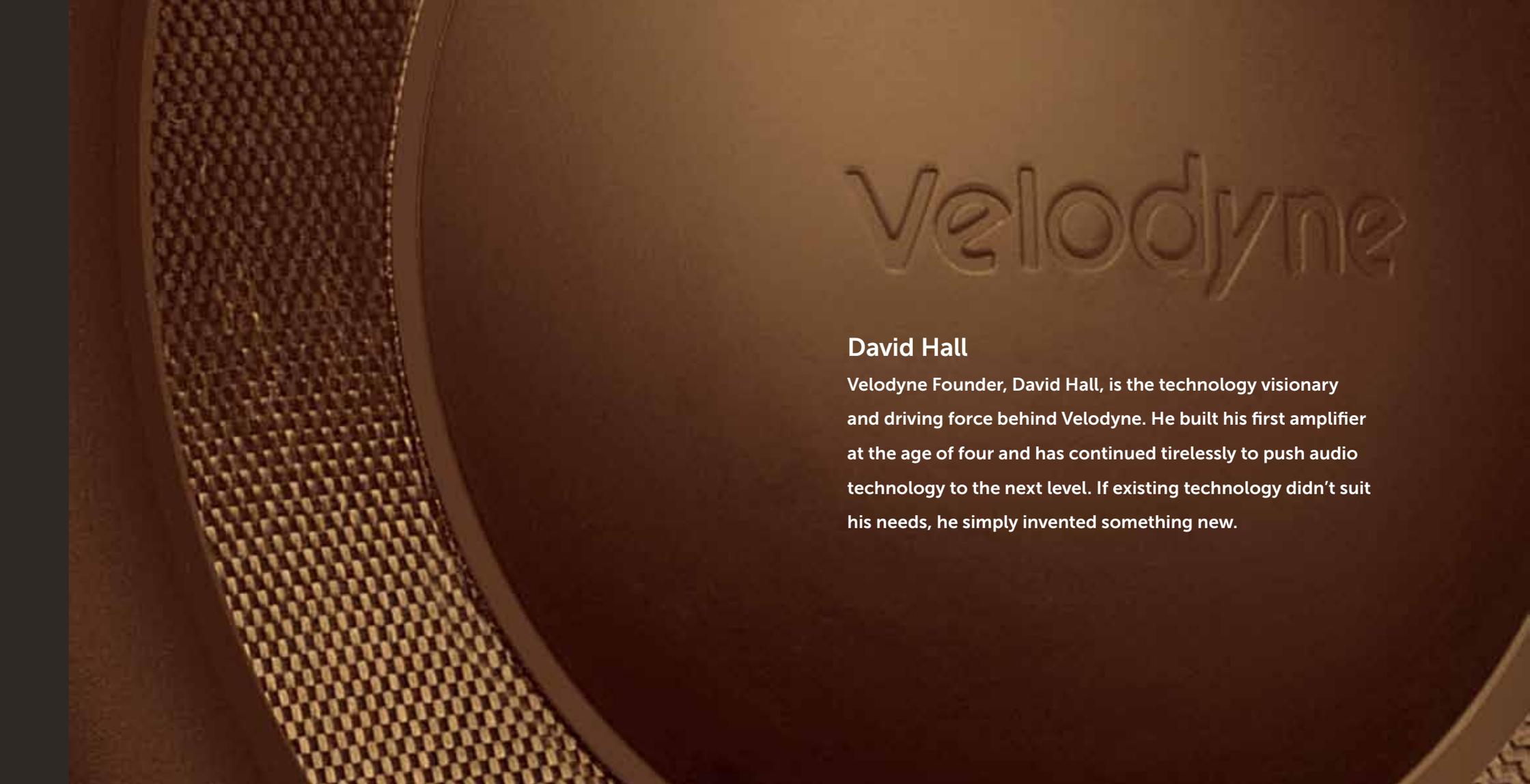


Velodyne®

The Velodyne Story

For over 30 years we've been dedicated to the idea that it was possible to reproduce low frequency sound with accuracy and precision. It's only fitting that Velodyne is headquartered in Silicon Valley, the breeding ground for technological innovation and invention, since we have continued to redefine the standards for subwoofer performance and audio technology. Our dedication to excellence is the reason Velodyne is the bottom line in bass.



A close-up, low-angle shot of a circular speaker grille. The grille is made of a dark, woven mesh material. The word "Velodyne" is embossed in a large, stylized font on the surface of the grille. The lighting is warm and directional, coming from the left, which creates a strong highlight on the left edge of the grille and casts soft shadows on the right side, emphasizing the texture and the embossed logo.

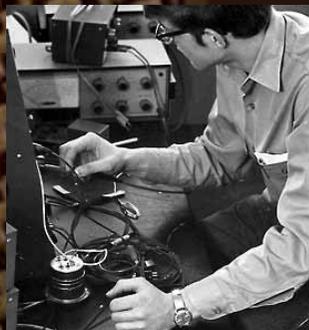
Velodyne

David Hall

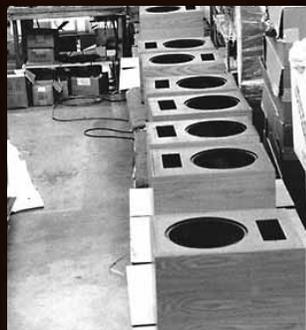
Velodyne Founder, David Hall, is the technology visionary and driving force behind Velodyne. He built his first amplifier at the age of four and has continued tirelessly to push audio technology to the next level. If existing technology didn't suit his needs, he simply invented something new.



In 1983, Hall set a new standard for the subwoofer industry with his breakthrough accelerometer-based High Gain Servo that redefined low frequency reproduction by controlling excessive cone motion. This technology allowed Velodyne subwoofers to play lower, louder, and more musically with distortion levels 20-30 times less than the competition.



In 2003, Hall and Velodyne introduced the first digitally tuned subwoofer with DSP technology. When applied to subwoofers, DSP technology allowed an increase in the accuracy of tuning and precision for the highest level of performance.



Over the years Velodyne has continued to innovate low frequency reproduction performance with additional technologies such as the Dual Tandem Voice Coil, the Energy Recovery Amplifier, and the Digital Drive subwoofer management system. David Hall's continued technological innovation is the reason Velodyne is still ranked as one of the best subwoofers in the world.

Digital Drive[®] plus

Our premium flagship, DD plus, redefines performance by incorporating the latest in engineering breakthroughs. The DD plus can automatically adjust the volume, crossover, slope, phase, and room equalization to integrate with your sound system. Or you can manually adjust the parametric EQ to truly customize your sound. The DD plus also features a sophisticated cone design, monstrous magnet structure, patented ERS amplifier, and Velodyne's exclusive Digital High Gain Servo that monitors and controls driver motion 16,000 times per second. The result is the most accurate subwoofer available.

FEATURES

- Class D ERS amplifier delivers over 95% efficiency
- Digital High Gain Servo limits distortion to less than 1/2%
- One touch 8 band Self EQ and Auto EQ+
- Advanced 8 band parametric equalization
- Six customizable listening modes
- Six-Layer, custom wound voice coil with massive motor structure
- RCA, XLR, and speaker level inputs
- Full featured remote control



SPL-ULTRA

Velodyne makes creating optimal bass response in your room easy. Our SPLU series subwoofers feature a high efficiency amplifier, a multi-layer Kevlar reinforced driver with a massive magnet structure, and an easy-to-use, one-touch 7 band room equalization system that optimizes the subwoofer's output to your individual listening room. Once you hear the powerful, tight, and accurate bass of an SPLU series subwoofer you'll agree that Velodyne delivers bass from the bottom up.

FEATURES

- Class D ERS amplifier delivers over 95% efficiency
- One touch 7 band Self EQ
- 4 preset listening modes
- DSP controlled to produce lower, louder, and more accurate bass
- Velodyne's unique "Dual-Tandem" voice coil limits distortion
- RCA and speaker level inputs
- Full featured remote control



Wi-Q[®]

Sometimes the best place for the subwoofer is the worst place to run cables. It's with this in mind that we designed the Wi-Q to easily adapt to nearly any home-theater. Simply connect the included wireless transmitter to your system and place the Wi-Q where you want it. Use the one-touch 5 band auto-room equalizer to customize its output to your unique listening environment. Combine this with the Wi-Q's high-output extended excursion drivers and distortion limiting system, and you get a subwoofer that produces room-shaking bass that delivers excitement to your home-theater.

FEATURES

- 2.4 Ghz wireless transmitter included
- Class D ERS amplifier delivers over 95% efficiency
- One touch 5 band Self EQ
- 4 preset listening modes
- Digital distortion limiting system
- RCA and speaker level inputs
- Full featured remote control
- ½ watt standby eco mode



impact

Who says you have to spend a lot of money to make an impact? Not us. Velodyne's Impact series combines our legendary technology with practical affordability. The heart of the Impact series is Velodyne's Maximum Dynamic Power (MDP) Amplifier, engineered to generate greater reserve power for those demanding passages. Add to that our long throw drivers, with two inch copper voice coils for greater heat dissipation, and it all comes together to create great bass for maximum impact.

FEATURES

- MDP Amplifier with more dynamic headroom
- Tuned, downward firing port to maximize output (10/12 only)
- Eight inch downward firing passive radiator (mini only)
- High quality, long throw drivers
- Adjustable high quality crossovers
- RCA and speaker wire inputs
- Auto on/off circuit to conserve energy



MicroVee™

Small but mighty, the MicroVee proves that big things do come in little packages. The MicroVee is the smallest subwoofer Velodyne has ever produced, but it still delivers the low frequency thrills you've come to expect from a Velodyne. It delivers monstrous output, boasting a 2000-watt peak power amp, 6.5-inch driver, and dual passive radiators. That kind of power, combined with an extruded aluminum cabinet, ensures that Velodyne's MicroVee is one of the coolest looking subwoofers available.

FEATURES

- Velodyne's smallest sub at 9" x 9" x 9.6" (HWD)
- RCA, speaker level, and mini-jack inputs for easy connectivity
- High power Energy Recovery System amplifiers
- Dynamic drive control to reduce distortion
- Massive 64 oz. magnet structure
- Extruded aluminum cabinet to dissipate heat



EQ-Max

Velodyne's EQ-Max series offers the ideal combination of technology and value. It delivers powerful low-end bass easily matched to any home entertainment system with our one-touch Auto-EQ. Our Embedded Digital Signal processing chips control all audio functions with digital precision that is unsurpassed in the price range. The DSP Distortion Limiting System assures maximum driver excursion and amplifier output, reproducing music and home-theater with a fraction of the audible distortion found in competitive products, without sacrificing output.

FEATURES

- Class D ERS amplifier delivers over 95% efficiency
- One touch 5 band Self EQ
- 4 preset listening modes
- Digital distortion limiting system
- RCA and speaker level inputs
- Full featured remote control



SPL-800i

There is nothing small about Velodyne's SPL-800i when it comes to power or performance. The SPL-800i delivers high impact, low distortion performance in a compact package. It features a high power amplifier capable of delivering up to 2000 watts of peak power and a massive 12.7 lb. magnet structure to drive a small 8-inch driver. The multi-layer Kevlar reinforced cone is tonally neutral and extremely light and stiff to ensure tremendous power handling, great efficiency, and incredible accuracy. It all comes together in a stylish cabinet that easily integrates into any room décor.

FEATURES

- Powerful 1000 watt RMS, 2000 watt peak output
- Class D ERS amplifier delivers over 95% efficiency
- 8 inch Kevlar reinforced cone
- 12.7 lb. magnet structure
- Dynamic Driver Control System limits distortion
- RCA and speaker level inputs
- Small compact cabinet



SubContractor™

There are those who believe that bass is meant to be heard and not seen. To that end, Velodyne's award-winning Subcontractor series in-wall subwoofers are the perfect choice for your home entertainment system. The entire Subcontractor series was designed to fit in a standard 2x4 wall bay. So, regardless of whether it's new construction or a retrofit installation, there's a Subcontractor series in-wall sub for you. The SC-IW and SC-600IW are powered with a separate rack mounted amplifier that can drive up to two subwoofers to fill your space with bass that's sure to thrill.

FEATURES

- Vertically loaded SC-IW hides in the wall with only a small grill exposed
- Easy to install SC-600IW is perfect for retrofit installation
- Connects easily with standard speaker wire
- Separate amplifier comes with rack mount hardware
- Class D high amplifiers generate minimal heat
- One touch Self EQ
- Full feature IR remote control



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