

Velodyne®

Impact™ Series mk2

HIGH PERFORMANCE SUBWOOFERS



Make an impact.

Superior Quality Drivers

Our Impact mk2 Series outperforms other subwoofers in its class in large part due to Velodyne's brand new drivers with massive magnets and 2" copper wound voice coils. We precisely match to our MDP amplifiers, ensuring maximum bass output and extension.

Features

- MDP Amplifier with more dynamic headroom
- Tuned, downward firing port to maximize output
- Reinforced coated fiber drivers
- High quality, long throw drivers
- Adjustable high quality crossover system matches subwoofer with main speakers
- 2" copper wound voice coils
- Auto on/off to conserve energy
- Phase adjustment for maximized bass blend with main speakers
- Modern and elegant new design

Impact mk2 10, Impact mk2 12

Who says you have to break the bank to make an impact? Not us. Velodyne is excited to introduce our next generation of affordable subwoofers, the Impact mk2 Series. The heart of the Impact mk2 Series is Velodyne's Maximum Dynamic Power (MDP) amplifier, engineered to generate greater reserve power for those demanding passages. Our long throw drivers feature two-inch voice coils for greater heat dissipation while our highly efficient, down-firing port design means incredible bass from a modest receiver.

In addition, our Impact mk2 Series boasts a sleek new design that stands out from the crowd. It all comes together to set the new standard for high performance and value.

Down-firing Port Design to Minimize Distortion

Velodyne's Impact mk2 Series subwoofers feature a down-firing port design to maximize bass performance and output while limiting any noise caused by air moving in the port, thereby maintaining musical accuracy and dynamic impact.



Maximum Dynamic Power (MDP) Amplifiers

Velodyne's Impact mk2 series boasts a brand new and highly efficient MDP amplifier for floor-shaking bass. Our MDP amplifiers, unlike IC amp designs, generate more reserve power to accurately reproduce the most critical bass information. Velodyne's MDP amplifiers are also engineered with two unique protection circuits to ensure long-term reliability.

Specifications

Model	Impact mk2 10	Impact mk2 12
Woofer	10" (24.5 cm) forward firing	12" (30.5 cm) forward firing
Amplifier: Class A-B	250 watts Dynamic 150 watts RMS	275 watts Dynamic 165 watts RMS
Cabinet Design	Acoustically neutral, down-firing passive port	Acoustically neutral, down-firing passive port
Frequency Response	32-140 Hz (+/-3 dB)	29-140 Hz (+/-3 dB)
Voice Coil	2" copper wound	2" copper wound
Cone	Reinforced Coated Fiber	Reinforced Coated Fiber
Magnet Structure	89.6 oz. (5.6 lbs)	89.6 oz. (5.6 lbs)
Speaker-Level Pass-Through	Full range	Full range
Low-Pass Crossover	50 - 200 Hz	50 - 200 Hz
Outputs	Left and right speaker level pass-through	Left and right speaker level pass-through
Inputs	RCA Line Level, LFE and Speaker Level inputs	RCA Line Level, LFE and Speaker Level inputs
Phase	0° or 180°	0° or 180°
Auto On/Off	Yes	Yes
Removable Grill	Yes	Yes
LED Power Indicator	Yes	Yes
Input Impedance	65K ohm (for LINE INPUT jacks) 1.2K ohm (for SPEAKER LEVEL INPUT terminals)	65K ohm (for LINE INPUT jacks) 1.2K ohm (for SPEAKER LEVEL INPUT terminals)
Sensitivity-Line Level	1.0V	1.0V
Cabinet (H,W,D) (inc. feet and grille)	13.6" x 12.6" x 14.9" 34.5 x 32 x 37.8cm	15.1" x 14.2" x 18.9" 38.4 x 36 x 48 cm
Warranty (North America)	Two years (parts and labor)	Two years (parts and labor)
Shipping Weight	30 lbs. (13.6 Kg)	38 lbs. (17.2 Kg)

*Varying speaker and amplifier input load impedance may cause the high-pass crossover frequency to slightly vary. The transmitter range stated above is under ideal conditions.

All specifications are subject to change without notice.

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Sleek New Design

The Impact mk2 Series is proof that offering both affordability and performance doesn't mean you can't also offer an elegant, modern design. The beautiful lines and curves of the Impact mkII Series fit seamlessly into the most stylish of home decors. Our acoustically neutral cabinet design features a solid construction and brand new satin smooth finish. A uniquely shaped grill and high-gloss accents embody the kind of attention to detail that has earned Velodyne a worldwide reputation as the premiere name in audio technology for over three decades..



Velodyne® | **impact**™ Series
mk2

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