



## ***impact*** Series

H I G H P E R F O R M A N C E S U B W O O F E R S

Impact-10, Impact-12 and Impact-Mini



*Impact-12*



*Impact-10*



*Impact-Mini*

Velodyne Acoustics, builders of the world's number one rated subwoofers for 25 years, proudly introduces a series of stylish, affordable, high-output, low distortion subwoofers - the Impact Series. Impact-10 and Impact-12 boast attractive cabinets with black lacquer trim that easily fit into your home, while their deep, defined, accurate bass brings your favorite movies and music to life – at very friendly prices. A highly efficient, down-firing port design means great bass from modest receivers. Impact-Mini produces amazing bass output from a tiny cabinet – just 11" x 10" x 12"! The Impact Series subwoofers set a new standard in high performance, high value bass.

### **Features**

- *MDP amplifiers with more dynamic headroom for high impact*
- *High quality, long throw drivers*
- *2" copper-wound voice coils*
- *Down-firing ports (Impact-10 and -12) and down-firing bass radiator (Impact-Mini) for more output, less distortion*
- *Home décor friendly, small cabinets*
- *An adjustable, high quality crossover system matches your subwoofer with your main speakers*
- *Auto On/Off to conserve energy*
- *Phase adjustment for maximized bass blend with main speakers*

### **Maximum Dynamic Power (MDP) Amplifiers - Great Special Effects**

The Impact-10, -12 and Impact-Mini subwoofers use highly efficient MDP amplifiers for floor-shaking bass. Unlike competitive IC amp designs, the dynamic MDP amplifiers generate more reserve power to accurately reproduce the most critical bass information. The durable MDP amp is engineered with two unique protection circuits to insure their long-term reliability. These "green" amplifiers are engineered to use less electricity to produce their amazing output.

### **Superior Quality Drivers**

Impact drivers are designed with massive magnets and 2" copper-wound voice coils to precisely match their MDP Amplifiers, maximizing the bass output and bass extension of each subwoofer. The Impact Series long-throw excursion and high power handling capabilities allow these subwoofers to play deeper and louder than similarly priced products. Powerful magnet structures and costly voice coils quickly dissipate excess heat, for exceptional reliability.



## Down-firing Port Design Minimizes Distortion

Velodyne subwoofers have always been known for accuracy, producing a fraction of the distortion produced by competitive subwoofers. The Impact-10 and Impact-12's down-firing port design maximizes bass performance and output, while limiting any noise caused by the air moving in the port, maintaining musical accuracy and dynamic impact.

## Impact-Mini – Tiny Cabinet, Amazing Bass, Modest Price

An engineering marvel, the Impact-Mini uses a lightweight, 6.5" aluminum cone and a down-firing 8" passive radiator to generate amazing, low distortion bass, at a modest price. The dish-shaped aluminum cone limits standing waves and maximizes output. Impact-Mini's tiny (11" x 10" x 12") dimensions have tremendous interior-decorator appeal. It is small enough to be easily hidden, but its furniture quality cabinet and gloss black trim look great with any decor.



### S P E C I F I C A T I O N S

Model	Impact-10	Impact-12	Impact-Mini
Amplifier	150 watts RMS 250 watts Dynamic Power	165 watts RMS 275 watts Dynamic Power	180 watts RMS 300 watts Dynamic Power
Woofers	10" (24.5 cm) forward firing (8.2" piston diameter)	12" (30.5 cm) forward firing (9.7" piston diameter)	6.5" (16.5 cm) active (5" piston diameter) and 8" (20.3 cm) passive (6.5" piston diameter)
Magnet Structure	5.6 lbs. (2.5 Kg)	5.6 lbs. (2.5 Kg)	4.0 lbs. (1.8 Kg)
Frequency Response	32-140 Hz +/- 3 dB	29-140 Hz +/- 3 dB	38-140 Hz +/- 3 dB
Voice Coil	2" copper-wound	2" copper-wound	2" copper-wound
Cone	Coated Fiber Cone	Coated Fiber Cone	6.5" and 8" Anodized Aluminum Cones
High Pass Crossover	Full range	Full range	Full range
Low Pass Crossover	50 Hz-200 Hz	50 Hz-200 Hz	50 Hz-200 Hz
Cabinet Design	Acoustically neutral, down-firing ported	Acoustically neutral, down-firing ported	Acoustically neutral, down-firing passive radiator
Outputs	Stereo, left and right, speaker level	Stereo, left and right, speaker level	Stereo, left and right, speaker level
Inputs	RCA Line Level, LFE and Speaker Level inputs	RCA Line Level, LFE and Speaker Level inputs	RCA Line Level, LFE and Speaker Level inputs
Phase	0° or 180°	0° or 180°	0° or 180°
Auto On/Off	Yes	Yes	Yes
Removable Grille	Yes	Yes	Yes
LED Power Indicator	Yes	Yes	Yes
Shipping Weight: (approx.)	30 lbs. (13.6 Kg)	36 lbs. (16.3 Kg)	18.5 lbs. (8.4 Kg)
Cabinet: (H/W/D) Black Ash Wood-grain with Black Gloss trim*	13.6" x 12.6" x 14.9" (34.5 x 32 x 37.8 cm)	15.1" x 14.2" x 18.9" (38.4 x 36 x 48 cm)	11" x 10" x 12.6" (28.4 x 25.4 x 32 cm) <i>*Impact-Mini also available in white</i>
Warranty (parts and labor) (North America)	Three years (electronics) Five years (drivers)	Three years (electronics) Five years (drivers)	Three years (electronics) Five years (drivers)



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