Velodyne® ACOUSTICS | Wi-Q®

The Smart Sub. Wi-Q®

Wi-Q 10, Wi-Q 12

The wireless Wi-Q embodies three decades of leadership in bass technology. No other subwoofer in this price range gives you so much for so little.

The Wi-Q is affordable, powerful, feature-rich and can be quickly and easily integrated into any entertainment system without the use of messy cables. A simple push of "EQ" on the remote and the exclusive, built-in processor produces optimal bass in your room from any source.

Features

- Wireless via Velodyne's WiConnect System
- 0.5 W Stand-By Compliance
- Common amplifier platform
- Maximum output and impact
- Superior digital performance
- Extended excursion drivers
- Efficient green digital amplifiers
- Digital distortion limiting system
- Four one-touch listening presets
- One-touch Auto-EQ room bass correction
- Instantaneous front-panel feedback
- Front-firing driver with down-firing ported cabinet
- Flexible low-pass crossover
- Remote control

Room bass maximization made easy

You'll get incredible output, maximum impact, and deep bass performance from the Wi-Q no matter where you place it. Just choose your preferred location, set the included microphone in your favorite seating position, push the EQ button on the remote, and let the digitally controlled five-band equalizer automatically adjust your subwoofer for great sounding bass.

Cabinet design

Wi-Q subwoofers are easily placed in any location or concealed in custom cabinetry. They are designed to provide maximum output, but blend beautifully into your space.

All specifications are subject to change without notice.
©2015 Velodyne Acoustics, Inc. All rights reserved. Velodyne and Velodyne logos are trademarked by Velodyne Acoustics Inc. Wi-Q is a trademark of Velodyne Acoustics, Inc.

Simple remote control

Wi-Q subwoofers offer ease-of-use through a simple remote control that lets you controlall your subwoof - er's functions from the comfort of your favorite chair with clear and visible feedback on the front panel. Features include Auto EQ, presets, night mode, volume control, light control, and phase adjustment.

Efficient green digital amplifiers

Experience the dramatic effect of pulsing drumbeats or extremely low, sustained pedal notes in a classical organ piece with clean and dynamic bass peaks. Wi-Q's efficient, digital Class D amplifiers reproduce the dramatic impact of these difficult, ultra-low frequencies easily and accurately.

Specifications

Model	Wi-Q 10	Wi-Q 12
Woofer	10" (24.5 cm) forward firing (8.2" piston diameter)	12" (30.5 cm) forward firing (9.7" piston diameter)
Amplifier: Class D	390 Watt Dynamic/ 195 Watt RMS Power	450 Watt Dynamic/ 225 Watt RMS Power
Cabinet Design	Extended Excursion Down-firing port	Extended Excursion Down-firing port
Frequency Response (+/- 3dB) Overall	28 - 120 Hz 16 - 240 Hz	25 - 120 Hz 14.6 - 240 Hz
Voice Coil	2" 2-layer copper	2" 2-layer copper
Cone	Reinforced fiber	Reinforced fiber
Magnet Structure Weight	5.36 lb	7.40 lb
High-Pass Crossover	80 Hz, 6 dB/octave	80 Hz, 6 dB/octave
Low-Pass Crossover	40 - 135 Hz adjustable (12 dB/octave, 24 dB ultimate)	40 - 135 Hz adjustable (12 dB/octave, 24 dB ultimate)
Outputs	Gold plated line-level Nickel plated speaker level	Gold plated line-level Nickel plated speaker level
Inputs	Gold plated line level Nickel plated speaker level	Gold plated line level Nickel plated speaker level
Digital Phase	0, 90, 180, 270 degrees	0, 90, 180, 270 degrees
Auto On/Off	Yes	Yes
Removable Grill	Yes	Yes
LED Display	Yes	Yes
Wi-Q Transmitter Frequency	2.4 GHz	2.4 GHz
Wi-Q Transmitter Range	50' (15 m)	50' (15 m)
Accessories	Mic, mic stand,remote control, transmitter & power supply	Mic, mic stand,remote control, transmitter & power supply
Cabinet (H,W,D) (includes feet and grille)	17.31" x 15.25" x 17" (44 x 38.7 x 43.2 cm)	18.44" x 16.375" x 18" (46.8 x 41.6 x 45.7 cm)
Shipping Weight (approx.)	41 lb (18.6 kg)	47 lb (21.3 kg)

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

High output extended excursion drivers

Wi-Q features custom-designed extended excursion drivers engineered with vented pole-pieces that increase power handling and assure long-term reliability. The dual layer large copper voice coils are specifically matched with massive 5.36 and 7.4 lb magnets to provide dynamic bass you can literally feel.

Velodyne's exclusive distortion limiting system

Our exclusive distortion limiting system works with digital precision to achieve maximum perfor - mance from both the amplifier and woofer motor structure without overdriving. The result is deeper bass extension, bigger impact, and less distor - tion.

Flexible crossover with subwoofer direct

An adjustable 40 Hz-120 Hz low pass crossover allows the sub to ideally match any main speak - ers. The subwoofer direct feature allows the Wi-Q to play the output of the LFE channel of a 5.1 or 7.1 channel receiver unaltered, assuring the highest levels of performance.

All specifications are subject to change without notice.
©2015 Velodyne Acoustics, Inc. All rights reserved. Velodyne and Velodyne logos are trademarked by Velodyne Acoustics, Inc. Wi-Q is a trademark of Velodyne Acoustics, Inc.

63-9191 Rev-B

Velodyne Acoustics GmbH
Alsterkrugchaussee 435
22335 Hamburg
Germany