

Subwoofer Management System (SMS™ - 1)

Digital Drive® Capabilities for All Subwoofers

Velodyne Acoustics, the #1 rated subwoofer technology company for over 20 years, now brings the control of Digital Drive to all subwoofers. The SMS-1 offers all the features of the DSP-controlled, industry leading Digital Drive room correction software in a rack mountable case. The SMS-1 improves the performance of ANY subwoofer.

Features

- Automatic or manual in-room bass correction
- Full DSP control
- On-screen display
- 8-band digital graphic/parametric equalizer
- Works with any subwoofer
- Digital control over crossovers, slopes, equalization and volume
- Full feature remote control
- Customizable listening mode factory presets
- A fifth customizable preset
- Complete accessory pack
- Night-mode



SMS-1

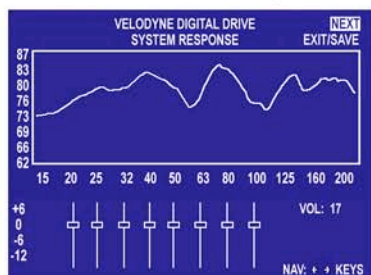
The Basics of Bass: Real World Problems

No matter what brand of subwoofer, or how much you may have paid for it, the relationship between your subwoofer and the room it's placed in dramatically affects the subwoofer's performance. Sub position, room shape, and size always create anomalies in the subwoofer's frequency response that can leave the bass sounding weak or almost non-existent in your listening position, and can wreak havoc in the interaction between the subwoofer and the main speakers.

For the first time in an outboard processor, Velodyne's Subwoofer Management System can display these room anomalies visually and provide all the tools needed to correct them, allowing you to optimize any sub's and your system's bass performance regardless of the sub's position, where in the room you listen or the room's shape and size.

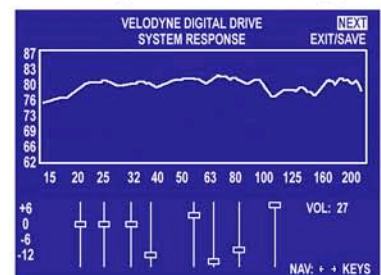
Room Management Technology: Digital Drive

The Subwoofer Management System features Velodyne's revolutionary Digital Drive room management technology.



Before

This Velodyne innovation allows any subwoofer's in-room frequency response to be measured using a calibrated microphone and to be viewed on any TV. Using the on-board 8-band digital parametric equalizer you can easily automatically or, if you prefer, manually optimize the subwoofer's performance for any listening position in any room right at your favorite seat.



After

SMS-1 also offers complete digital control over crossovers (both subsonic and low pass), slopes, phase and polarity. This allows the best possible matching of your subwoofer to your speakers in your listening environment.

Everything You Need: A One Box Solution



With the SMS-1, there are no websites to go to, no calculations for you to make, no additional cables or devices you need to buy. Everything you will need to maximize the performance of your subwoofer in your room is included: a full feature remote control, a high quality calibrated microphone, a mic stand, the microphone cable and even the audio and video cables. Even the needed test tones are self-generated. And, of course, the DSP processor reads and measures all the parameters of the subwoofer automatically.

The SMS-1 comes in a slim, one unit high configuration and can be placed in a stack of equipment or rack-mounted using the included rack mount "ears". Simply install the SMS-1 between the LFE output of your receiver or processor and your subwoofer, regardless of brand. You can also connect the SMS-1 using balanced or speaker level inputs as your system allows or requires.

Convenient Remote Control: At the Touch of a Button

Never again will you have to get up and reach behind your subwoofer to adjust for each different source you might choose. The full feature, high quality remote control lets you adjust volume, limit output for late night listening with "Night Mode", and with the touch of one button dial in the right bass for any listening.



Presets: Tailor Your Bass Listening for Any Source

The SMS-1 comes preprogrammed with four fully adjustable listening mode "presets" for Action Adventure Movies, Movies, Rock/Pop and Jazz/Classical plus a fifth open preset that can be set to whatever you wish. Each of the five presets can be totally customized to your tastes and needs. Your sub adjusts for whatever program material you're listening to at the touch of a single button on your remote control.

Microprocessor Controlled: Digital Precision



The SMS-1 is controlled by a computer chip from Texas Instruments®. All video and audio processing is processed by this chip. The unit can be commanded via RS-232 port by universal remotes such as Crestron and AMX - another Digital Drive first. The software for SMS-1 can also be updated from Velodyne's website, so you will always have access to new features incorporated into later designs.

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