



SPL-R™ Series

DSP-Controlled SPL-800R, SPL-1000R, SPL-1200R and SPL-1500R

Velodyne Acoustics, the #1 rated subwoofer company for over 20 years, now brings the power and precision of Digital Signal Processing (DSP) to a new series of very small, high-performance remote-controlled subwoofers.

Features

- Incredibly Small and Powerful
- One-button 6-band Auto-EQ with included microphone
- Full featured remote control with 4 presets
- DSP control
- Night-mode
- Patented Energy Recovery System (ERS) amplifiers



Incredibly Small and Easy to Place

Due to their compact size and single front firing driver design, the SPL-R Series subwoofers are easily hidden in a corner or built into a cabinet. Yet with their elegant styling in various finishes, you just might want to show them off.

Room Bass Correction

Place the included microphone in your favorite seating position and simply push the "EQ" button on the remote control. The internal signal generator plays a series of tones that are read and analyzed by the Digital Signal Processor, adjusting the six band equalizer to automatically give you the best bass performance for your room.



DSP Controlled

SPL-R subwoofers feature Digital Signal Processing (DSP) control. Powered by Texas Instruments DSP chips and customized software, the SPL-R's digital control system tunes the subwoofer more accurately than analog systems producing louder, lower, more accurate bass. Specific equalization curves and output levels give you the exact bass you want for any source material, using the four factory presets.

Convenient Remote Control

Never again will you have to get up and reach behind your subwoofer to adjust the sub for each different source you might choose. The SPL-R's remote control lets you adjust volume, turn on or off the front LED, adjust phase, limit output for late night listening with "Night Mode", and dial in the right bass for Movies, Jazz/Classical, Rock/R&B or Games with the touch of one button.



Digital Amplifiers

Each subwoofer is driven by Velodyne's patented Energy Recovery System amplifier. With 2000 watts dynamic power and 1000 watts of continuous RMS power, they reproduce the impact and excitement of the most dramatic special effects and the lowest musical frequencies with detail and definition.

Powerful Long-Throw Drivers

SPL-R subwoofers use Kevlar reinforced, resin cones in diecast aluminum baskets with massive magnet structures. Each driver incorporates Velodyne's unique inside/outside voice coil design that assures accuracy and dissipates the heat created by the 2000 watts of power.

Low Distortion

Velodyne's exclusive Dynamic Drive Control System assures the tight, accurate, musical bass for which Velodyne is world famous, reducing the distortion characteristics 1/6th that of competitive subwoofers.

Model	SPL-800R	SPL-1000R	SPL-1200R	SPL-1500R
Drivers	8" forward firing (6.5" piston diameter) Die-cast aluminum basket	10" forward firing (8" piston diameter) Die-cast aluminum basket	12" forward firing (9.7" piston diameter) Die-cast aluminum basket	15" forward firing (12.7" piston diameter) Die-cast aluminum basket
"ERS" Class "D" Amplifier	2000 watts Dynamic 1000 watts RMS Power	2000 watts Dynamic 1000 watts RMS Power	2000 watts Dynamic 1000 watts RMS Power	2000 watts Dynamic 1000 watts RMS Power
IR Remote Control	Yes	Yes	Yes	Yes
Digital Auto Room Bass EQ	Yes	Yes	Yes	Yes
Frequency Response*	28-120 Hz +/-3 dB	24-120Hz +/-3 dB	22-120Hz +/-3 dB	20-120Hz +/-3 dB
Digital Dynamic Driver Control with Current-Sensing Servo	Yes	Yes	Yes	Yes
Digital Presets	Movies; R&B-Rock; Jazz-Classical; Games	Movies; R&B-Rock; Jazz-Classical; Games	Movies; R&B-Rock; Jazz-Classical; Games	Movies; R&B-Rock; Jazz-Classical; Games
Digital Phase	0, 90, 180, 270 degrees	0, 90, 180, 270 degrees	0, 90, 180, 270 degrees	0, 90, 180, 270 degrees
High Pass Crossover	80 Hz (6 dB/octave slope)	80 Hz (6 dB/octave slope)	80 Hz (6 dB/octave slope)	80 Hz (6 dB/octave slope)
Low Pass Crossover (Digital)	40 Hz-120 Hz (adjustable) (12 dB octave, 24 dB ultimate)	40 Hz-120 Hz (adjustable) (12 dB octave, 24 dB ultimate)	40 Hz-120 Hz (adjustable) (12 dB octave, 24 dB ultimate)	40 Hz-120 Hz (adjustable) (12 dB octave, 24 dB ultimate)
Auto On/Off	Yes	Yes	Yes	Yes
Magnet Structure	204 oz. (12.7 lbs.)	346 oz. (21.6 lbs.)	346 oz. (21.6 lbs.)	346 oz. (21.6 lbs.)
Voice Coil	2.5" inside/outside voice coil	3" inside/outside voice coil	3" inside/outside voice coil	3" inside/outside voice coil
Inputs	Gold plated line-level and speaker-level	Gold plated line-level and speaker-level	Gold plated line-level and speaker-level	Gold plated line-level and speaker-level
Outputs	Line-level 80Hz up	Line-level 80Hz up	Line-level 80Hz up	Line-level 80Hz up
Crossover Bypass	Subwoofer Direct	Subwoofer Direct	Subwoofer Direct	Subwoofer Direct
Cone	Kevlar-reinforced Resin	Kevlar-reinforced Resin	Kevlar-reinforced Resin	Kevlar-reinforced Resin
Dimensions (H/W/D) (inc. feet, grill and knobs)	10.125" x 10.375" x 12.813" (27 x 26 x 33 cm) sealed	12.313" x 12.375" x 13.875" (32 x 31 x 36 cm) sealed	14.25" x 14.375" x 16.5" (37 x 36 x 41 cm) sealed	18.375" x 18" x 17.375" (47 x 46 x 44 cm) sealed
Shipping Weight (approx.)	33 lbs. (15 Kg)	46 lbs. (21 Kg)	53 lbs. (24 Kg)	65 lbs. (30 Kg)
Included Accessories	Full feature remote control, calibrated microphone, mic stand and mic cable	Full feature remote control, calibrated microphone, mic stand and mic cable	Full feature remote control, calibrated microphone, mic stand and mic cable	Full feature remote control, calibrated microphone, mic stand and mic cable
Warranty	2 years (parts/labor)	2 years (parts/labor)	2 years (parts/labor)	2 years (parts/labor)
Finishes	Black Gloss, Cherry or Maple	Black Gloss, Cherry or Maple	Black Gloss, Cherry or Maple	Black Pica or Cherry

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* For Preset 3. Presets adapt the response curve to the source material.

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