



**CUT SHEET**



**SV9-MK3**

**Single 9"**  
Powered Top

# Overview

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The SV9-MK3 is a studio-reference quality monitor that can venture outside the studio thanks to a rugged finish, handles, grilles and a substantial amount of power. The result is a very compact and portable system for those who demand premium quality and impressive output without oversized, heavy and obtrusive cabinets.

The compact, high fidelity and high output SV9-MK3 continues the BASSBOSS tradition of delivering remarkable performance and outstanding sound quality. In terms of output SPL and frequency response, the SV9-MK3 compares to much larger loudspeakers. Such performance from a much smaller enclosure is made possible by making decidedly different design and component choices than competitors.

The Birch plywood enclosure is strong and solid while remaining easily portable. The 9" woofer features a large voice coil, providing high power-handling, and a rubber surround for extended low-frequency response. The port has a large area to keep air velocity low, and its exit is clear of the grille to ensure minimal air-flow noise.

The low and midrange frequencies are delivered by a custom developed carbon-fiber cone, 9" Neodymium LF driver. The 2.5" voice-coil offers high

power handling and provides large displacement for increased LF output. The ultra-light carbon-fiber cone provides high sensitivity, with its rigidity contributing detailed resolution.

The high frequencies are delivered by a 1.4" voice-coil polyester diaphragm compression driver through a 1" throat horn with a 90 x 60 degree coverage pattern. The polyester diaphragm provides smooth response without the ringing and resulting harshness that can characterize metal diaphragms. The horn is deliberately placed clear of the grille and flush with the front of the cabinet in order to avoid reflections that would tend to blur imaging or otherwise interfere with smooth high-frequency response.

The amplifier offers abundant headroom. The proprietary BASSBOSS processing ensures exceptional sound quality and reliability. The cabinet construction, design, and premium components all contribute to the rich, smooth, sound.

The SV9-MK3 is suitable for use as a studio monitor thanks to its flat frequency response and premium quality, high-fidelity electronics. Its ultra-low noise CODECS, 96kHz sampling rate processor and high-resolution amplification are on par with the finest studio monitors in the industry.

What sets it apart from most compact monitors is the power it provides. The amplifier power, along with the processing power, allow it to be used at higher levels than you would dare with an ordinary studio monitor. Now you can take your studio-quality sound with you when you leave the studio.

The amplifier features a Class D SMPS with PFC, providing two channels, 900W LF and 300W HF. Eight on-board presets allow for a variety of configurations at the touch of a button, and LAN connectivity allows access to virtually unlimited preset combinations. On-board presets provide a variety of high-pass filters to suit full-range operation through a variety of settings that maximize SPL when used with a subwoofer.

With an enclosure that is just 18" x 10" x 15" and a mere 27. pounds smaller events can be covered with ease. The Birch wood cabinet features integrated handles, a 35mm steel pole socket, and is finished in durable, high-pressure polyurea coating.

BASSBOSS loudspeakers are protected for safe, high-power operation. Optimized cabinet design, premium quality drivers, power-matched amplification and comprehensive processing ensure that no matter the demand, they keep their cool, keep their character and keep on working.

## Specifications

### Acoustical

<b>Loudspeaker Description</b>	2-way active, Single 9" Self Powered, Vented, Direct-radiating Full-range
<b>Frequency Response (<math>\pm 3</math> dB)</b>	50 – 19,000Hz
<b>Maximum Measured SPL</b>	118 dB 1m (full-space)
<b>Max calculated SPL (Peak)</b>	121 dB 1m (full-space)
<b>Nominal Dispersion (H° x V°)</b>	90 x 60 (Rotatable)

### Electrical

<b>Amplification</b>	1200 Watts Class D, 2 Channel
<b>Processing</b>	Integrated comprehensive DSP. 96kHz sampling rate with 8 pushbutton presets. All presets include high pass filters, low pass filters, phase alignment, equalization and multi-stage limiting. Storage capacity for up to 100 presets
<b>Electrical Input Connector, Amp</b>	Neutrik powerCON True 1 TOP IP65 rated waterproof connectors with pass-through outlet to connect additional loudspeakers. Inlet capacity limited to 15A or 1800W @ 120V total. Do not exceed the inlet capacity.

<b>Electrical Outlet Connector, Amp</b>	Neutrik powerCON True 1 female. Outlet capacity is limited to 13A or 1600W @120V. Do not exceed the total capacity of the inlet connector.
<b>Electrical Connector Mains</b>	Standard US 3-pin grounding 120V electrical plug; NEMA 5-15 (Edison)
<b>Voltage Operating Range</b>	100-240V AC, 50-60Hz (Auto-sensing, auto switching universal supply)
<b>Current Draw, Nominal</b>	120V 1.4A (nominal); 240V 0.7A (nominal)
<b>Signal Input Connector</b>	XLR-F
<b>Signal Output Connector</b>	XLR-M pass-through only
<b>LAN Connectors</b>	EtherCON RJ45 (x2) with 2-port Ethernet switch

## Physical

<b>Enclosure Type</b>	2-way full-range/mid-high. Direct radiating vented LF section, horn-loaded HF section
<b>Transducer (LF)</b>	1 x 9 in. diameter (220mm) neodymium motor woofer with 2.5 in. (64mm) copper winding voice coil and carbon-fiber cone
<b>Transducer (HF)</b>	1.5 in. (38mm) diaphragm compression driver on 1 in. (25mm) throat 90 x 60 degree constant directivity horn
<b>Cabinet Construction</b>	CNC machined 15mm Birch plywood with extensive bracing and dado joinery. 2 integrated handles. 1 x 35mm steel pole socket
<b>Dimensions (HxWxD)</b>	18 in. x 10 in. (7 in. rear) x 15 in. (45.7cm x 25.4 cm [17.78 cm rear] x 38.1 cm)
<b>Net Weight</b>	27.5 lbs (12.8 kg)
<b>Shipping Weight</b>	31 lbs (14 kg)
<b>Exterior Finish</b>	High-pressure, bonded polyurea coating, waterproof, textured black
<b>Grille</b>	Perforated, powder-coated steel

## Optional

<b>Cover/Carrier</b>	Heavy-duty padded nylon transport cover
<b>What's Included</b>	Loudspeaker, 15' (5m) Power Cable, Manual, Warranty Card

Our proactive philosophy causes specifications to be subject to change whenever improvements are made.

# Pre-Installed Onboard Presets

High-pass and low-pass filters with included phase compensation.

**Preset 1     45Hz high-pass filter**

Recommended for use when no sub is available. Peak output is restricted to prevent low frequencies damaging the loudspeaker.

**Preset 2     55Hz high-pass filter**

**Preset 3     65Hz high-pass filter**

**Preset 4     75Hz high-pass filter**

**Preset 5     85Hz high-pass filter**

**Preset 6     95Hz high-pass filter**

**Preset 7     105Hz high-pass filter**

**Preset 8     115Hz high-pass filter**

In order to achieve the flattest and smoothest frequency response, you should match the levels of your BASSBOSS subs and tops, and the low-pass filter frequency selected on the Subwoofer(s) should be closely matched to the high-pass filter frequency selected on the Top(s).

On the other hand, if you like your system to be bass-heavy, and you plan to turn your subs up louder than your tops, you may want to choose a preset on the tops with a high-pass frequency that's slightly above the frequency chosen on the subs. This will reduce the chance of an output peak in the crossover/overlap range and will allow slightly more output SPL from the tops.

## ControlBASS + Settings

For improved performance and stability, update the product settings immediately after opening your new gear!

**Major new updates are available.**

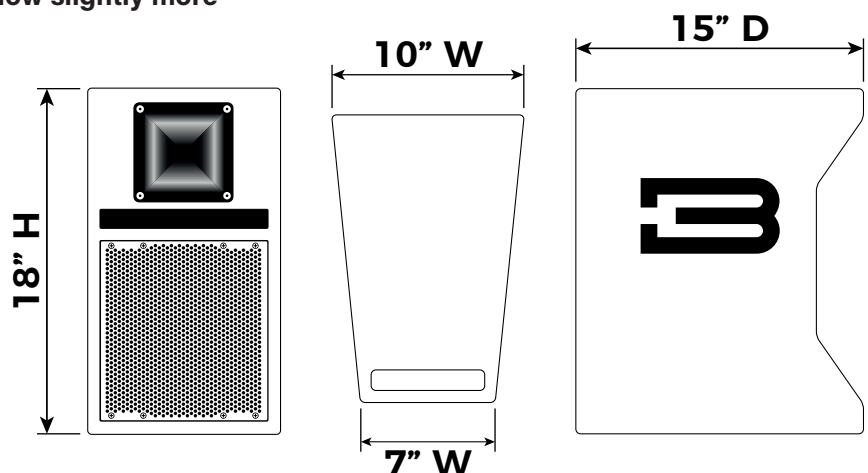
Download new settings updates and the ControlBASS app at [bassboss.com/software](http://bassboss.com/software)

Instructions on using the software, linking to your computer for remote monitoring and control and updating the settings files will be provided when you sign up!

**Register your gear**

[bassboss.com/support](http://bassboss.com/support)

For more information and setup tips on how to get the best and most out of your system check out the Knowledge BASS [help.bassboss.com](http://help.bassboss.com)



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**Need more assistance?  
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