

Introducing the Crimson 275 Stereo Tube Amplifier

The big news for us must surely be the introduction of the Crimson 275 stereophonic tube type power amplifier. Over a full year in design, complete with innovations never dreamt of at this price point, we were nonetheless shocked to see how closely it performs to our 350 series monoblocks which sell for \$9500/pr!

As with our more expensive amplifiers, Bob employs his unique twist on a DC restorer circuit which has two main benefits

— lower distortion without dissonant side effects and extended tube and amplifier life. Our amplifiers simply do not run hot. Like their more expensive siblings, they are the coolest running tube type amplifiers in history allowing you to actually touch the tops of the mighty Tung-Sol KT120s and never be burned! The internal temperature of our amplifiers is a bit warmer than the inside of your mouth resulting in an indeterminate lifespan.

Due to the unique design, all the components in the amplifier undergo much less stress than in conventional designs.

Due to the efficiency of the concept, our transformers can be lighter and despite Bob Carver specifying esoteric steel for their cores, it helps us sell a \$4000 amplifier for under \$3000. Transformers are traditionally the most expensive component so if there's no

compromise in performance, this is a genuine benefit. Although Bob Carver has been demonstrated to be at the leading edge of amplifier design, introducing, through the years,



patented and unique approaches to efficiency and performance, many engineers believe power supplies may be one of his great strengths. As with his legendary Sunfire tracking power supplies, the bottom line is that you may expect our amplifiers to outlive any other brand, and our extended warranties underscore that fact.

We warrant the Crimson 275 for a full five years; *that's the amplifier and the tubes!* We love the fact that our finest competitors warrant their tubes for just three months. It's all about economics. If your tubes tend to fail,

limit the warranty. A manufacturer has no option; they must. Since our tubes last for years, it costs us nothing to be heroic.

Perhaps even more importantly, not only do the

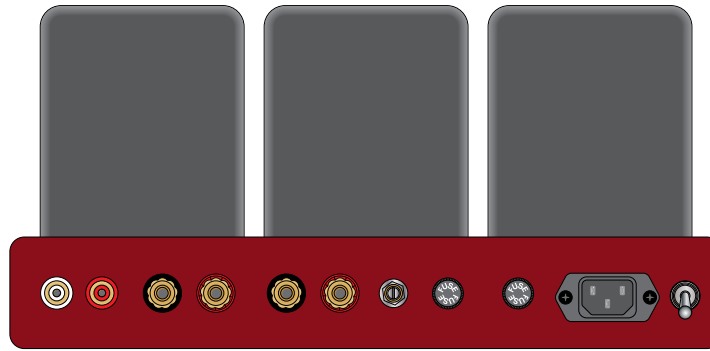
tubes no longer fail every two or three years, they do not degrade sonically as all tubes must when boiling away in every one of our competitors amplifiers-- a truly remarkable accomplishment and typical for Bob Carver, *Absolute Sound Magazine's* Hall of Fame designer.

There is a meter on the front of the amplifier which can indicate the health of the tubes — get a bad reading, get free tubes! Aside from the extended circuit and tube life, it's the sonics that blew us away. One of the reasons for this is our proprietary use of two separate feedback loops.

One, typical of what you'll find in many fine amplifiers, ensures stability and linearity. But the other is quite fascinating. All loudspeakers generate voltage as they play. It's generated from the driver movement necessary to reproduce music but also all loudspeakers "listen" to the room. Did you know that the loudspeakers in prisons are also microphones? It enables the authorities to monitor the prison's pulse in real-time. All loudspeakers are microphones. You might not want to use one for recording but conceptually, they are microphones in reverse.

Loudspeakers are electric motors. Electric motors all kick voltage back to the power source whether it's a loudspeaker, a refrigerator or an electric drill. Manufacturers of line conditioners have a point. Your refrigerator motor not only adds noise to the AC line, they actually send electricity back through the wall outlet. We call this *Back-EMF*.

With a tube type amplifier, when back EMF



appears at the output terminals, to the loudspeaker the output transformer's secondary becomes a primary! The back EMF enters the amplifier

through the transformer and affects frequency response downstream. With ordinary tube type amplifiers, speaker matching becomes critical. Our amplifiers are load invariant. Through decades of experimentation and some pretty heavy mathematics, Bob Carver has been able to use the Back-EMF to increase efficiency in the mighty SunFire subwoofers and to improve the sound stage and openness of his full range amplifiers. This is done in a unique fashion, and, as in the case of our extended tube life, unique to our products. The amplifiers listen to the room through the loudspeakers and preserve a large sound stage. It took literally decades to get the circuit right without creating artificial coloration. If you're concerned about naturalness, consider that Harry Pearson, the founder of *Absolute Sound Magazine*, noticed this phenomenon, pointed out to Bob (who already knew about it) and kept our Silver Seven amplifiers as his personal reference for years.

Dick Olsher from *Stereophile Magazine* called this series the most important tube amplifiers in decades. It will sell for \$2750 MSRP.

INTRODUCTORY SPECIAL!

Through the end of Black Friday weekend of 2018 (November 25th), you may purchase a Crimson 275 for **\$2495**. Remember, the following Monday, we will be unable to fill orders at that price. For more information contact Frank Malitz at **847-668-4519**. He's available seven days a week. Listen to it at the Rocky Mountain Audio Fest.



Our Other Products



Silver Seven 900

The star of the show is the mighty Silver Seven 900. Entirely hand-assembled with point-to-point wiring, no circuit boards, custom wound transformers, premium components and an incredible 900 Watts per monoblock, this four-chassis set sells for \$32,000 MSRP.

Crimson and Raven 350 monoblocks sell for \$9500 per pair and feature a **15-year warranty** on the amplifier and its tubes.



We provide a **lifetime warranty** on the amplifier and even its tubes.

Crimson / Raven 350

Our best-selling amplifier for years remains the Crimson/Raven 350 series. With all the same advantages of its more expensive sister, these monoblocks pump out 350 Watts each.



Amazing Line Source

Finally, at this point, we feature a single loudspeaker system. The Amazing Line Source is unlike any other listening experience you are likely to have enjoyed.

We've demonstrated it all over the United States and even overseas because of our confidence in its ability to startle, and fittingly, amaze the listener. It's the only loudspeaker we know of that uses the room sound to enhance the sound stage, while subtracting room coloration — all done in the analog domain, passively. No one has ever done this before and we believe no one else knows how.

Many years in gestation, in





Detail of the Amazing Line Source ribbons.

Amazing Line Source pairs come with a SunFire SubRosa subwoofer, powered by its own 2700-watt amplifier.



addition to exhaustive listening tests in multiple environments, the product is rife with knowledge of human physiology and heavy calculus. Loudspeaker designers do not have these tools.

We are proud that our partnership includes two brilliant physicists who are multi-discipline, being comfortable with mechanical engineering, electronic engineering, and the ear brain interface — a rare combination.

Bob Carver remains our guiding light and chief designer.

The loud-speaker system is 7 ½ feet tall, requires an 8 foot ceiling minimum (or pretty darn close), and includes a subwoofer and accessories.

It sells for \$18,500 MSRP. Due to the fact that in the Northeast, there are many homes with 7 ½ foot ceilings, we are developing a shorter version which will also allow audio enthusiasts on a limited budget access to Bob's innovation and design.

Expect an announcement by the end of 2018.



Amazing Line Source Control Module

Thanks for reading this far. Stay tuned for our Winter 2018-2019 newsletter!