Improvements to the L100 Classic to Create the L100 Classic 75:

To add to the appearance and connectivity changes that differ the L100 Classic 75 from the L100 Classic, Principal Engineer Chris Hagen took a look at further optimizing the drivers and overall system integration to extract additional performance from the design. Along with the intent to include dual inputs for bi-amplification/bi-wiring, the enhancements added to a massive gain in imaging as well as improved sound quality. The changes included:

1. Upgrading the woofer to a dual spider version of the L100 Classic woofer. This further lowers bass distortion below the SFG level by symmetrizing outward motion of the voice coil from the motor gap with inward voice coil motion from the gap, resulting in significantly lower asymmetric, odd-order harmonic distortions.
2. Improvements in the midrange and tweeter software components have resulted in smoother response in both drivers. Both drivers have benefitted from continuous improvement and study, and upgrades in components and assembly processes.
3. Separating the low frequency crossover section from the rest of the crossover along with slight crossover component upgrades resulted in slightly less inductor crosstalk, further enhancing fine detail reproduction.

Each L100 Classic 75 is subjected to the rigorous individual-product testing at the end of the production line, precisely positioning and measuring each system for performance and matching pairs which are then badged with engraved, signed rear plates denoting them as one pair of the 750-pair limited edition production run. All components and processes are carefully scrutinized by a focused team of quality engineers to ensure that all is correct before, during, and after the assembly.