



Spendor Classic Series loudspeakers 2007

For over 30 years the Spendor Classic Series loudspeakers have been a reference standard for discerning audiophiles, musicians and professional sound engineers. While Spendor has created a succession of successful and innovative modern loudspeakers using advanced materials and technology, the Classic series has continued largely unchanged using materials and technology originally developed in the 1970's. As vital materials used in the Classic series have recently become unavailable or environmentally unacceptable we felt this was an ideal opportunity to introduce some carefully considered refinements.

Revision R blends a little of Spendor's advanced engineering with original Classic 70's technology, construction and design to preserve the rich and natural sound character which is the hallmark of every Spendor Classic loudspeaker.

SP3/1R SP2/3R SP1/2R SP100R

The traditional thin wall with heavy damping design of the cabinet has been enhanced by the use of modern rubberised damping panels. The interface between the cabinet wall and the damping material is significantly improved due to its more consistent temperature stability.

All Spendor midrange and bass-mid drive units now use improved phase correction technology in the form of a focusing magnet motor pole extension. This is designed to control spurious phase and frequency response variations in the crossover region. Frequency transition between drive units is more coherent due to improved phase matching. The result is a more even and natural sound and a more holographic sound-stage.

Each crossover circuit board has been redesigned to improve conductivity and signal routing and to eliminate magnetic interaction between inductors. All tracks are gold plated. Solder used in circuit assembly is silver and copper loaded for optimum connection integrity. Revised filter alignment integrates the new drivers seamlessly.

All internal cables have been up-rated. Heavy gauge, high purity multi strand copper conductors, individually silver-plated, with halogen free dielectrics, give wide-bandwidth and clean signal transmission.

The SP3/1R benefits from an improved cone piston profile made from clear homopolymer polypropylene, the same material as used in other Classic Series models.

While the technical performance of each model is subtly improved there is no change to the overall technical specification and every pair of Spendor Classic Series loudspeakers is still calibrated and matched to stringent broadcast reference standards.



Engineering change information

SP3/1R

- Revised cone piston profile in LF/MF driver (smoother mid to HF decoupling)
- Clear HP polypropylene cone material in LF/MF driver (cleaner & less coloured mid)
- Magnet pole phase correction device in LF/MF driver (linear phase in the crossover region)
- Revised crossover layout with gold plated tracks (improved signal conductivity)
- Higher saturation crossover inductors (improved overhead)
- Revised crossover alignment (phase aligned driver integration)
- No grille felt (no longer required)
- Rubberised cabinet damping pads (improved cabinet to damping layer interface)
- High grade silver plated internal cables (clean signal path)

SP2/3R

- Magnet pole phase correction device in LF/MF driver (linear phase in the crossover region)
- Revised crossover layout with gold plated tracks (improved signal conductivity)
- Revised crossover alignment (phase aligned driver integration)
- Electrolytic capacitor in LF crossover section upgraded (improved component linearity)
- Rubberised cabinet damping pads (improved cabinet to damping layer interface)
- High grade silver plated internal cables (clean signal path)

SP1/2R

- Magnet pole phase correction device in LF/MF driver (linear phase in the crossover region)
- Revised crossover layout with gold plated tracks (improved signal conductivity)
- Revised crossover alignment (phase aligned driver integration)
- Increased wire gauge in HF crossover filter (improved inductor conductivity)
- Rubberised cabinet damping pads (improved cabinet to damping layer interface)
- High grade silver plated internal cables (clean signal path)

SP100R

- Magnet pole phase correction device in MF driver (linear phase in the crossover region)
- Revised crossover layout with gold plated tracks (improved signal conductivity)
- Higher saturation crossover inductors (improved overhead)
- Revised crossover alignment (phase aligned driver integration)
- Crossover capacitors upgraded to audio grade polypropylene (reduced colouration)
- Increased wire gauge in HF and MF crossover filters (improved inductor conductivity)
- Bi-wired (MF/HF input connections now common)
- Rubberised cabinet damping pads (improved cabinet to damping layer interface)
- High grade silver plated internal cables (clean signal path)

