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EMMA training program sets up audiophile standards
Industry partners support EMMA Academy with new high-end demo system

Right in time for the release of the current EMMA competition CD 2012 a brand new high end sound system has been inaugurated at the EMMA Academy training room. The purpose of the new stereo sound system is the demonstration of sonic details and characteristics on the EMMA CD, which was specifically designed and produced to assess the quality of vehicle sound systems. All components were explicitly selected in order to gain utmost impressive listening experience. The system will be used for training purposes at judge trainings, dealer and installer trainings as well as to conduct comparative tests of various products. The components for the sound system were provided by the EMMA industry partners Magnat, German Maestro and Tchernov Audio.

The system's control center has been provided by Magnat. It is combining the state of the art components MA 800, MCD 850 and a CD player. Acting as the heart of sound a MA 800 tube preamp amplifies incoming signals. The preamp tubes are manufactured in Russia, each one burned in 60 hours and selected pair wise before installation. A self contained power supply provides the necessary power. The generously dimensioned power stage delivers 110 watts of continuous power per channel. Adapted to the aesthetic appeal of the amplifier MA 800, the MCD 850 and the SA CD player also crops up with finest mechanical and electronic components. The technical structure is completely dedicated to audiophile point of view.

The CD player uses a Sanyo laser unit as a precision drive mechanism which is extra shielded from external influences by a metal cover. Running stability and vibration immunity of the mechanism are truly excellent. The analog signals are converted to digital signals by a Burr-Brown-D/A-Converter of the latest generation. The audiophile highlight of this extraordinary SACD player is the tube output stage which is using an extremely low noise ECC 88double triode. High End at its best!

The electronic devices are connected with high-end signal cables from the highly respected Russian manufacturer Tchernov. Prominent attribute of Tchernov cables is the use of first choice raw materials for every product. Basically the premise to manufacture first-class quality electric conductors is to reach the lowest possible content of impurities, particularly oxygen. In numerous tests, the engineers at Tchernov demonstrated that surprisingly a balance of accompanying elements can affect sound quality of cables more positive than if they are completely missing. Through painstaking research in order to find the best ratio of copper and impurities - Tchernov calls it BRC, Balanced Refinement Conductor – the Russian cable specialists have been able to fulfill all requirements on a perfect sound reproduction down to the tiniest detail. Therefore, the choice fell on this extraordinary state of the art signal cable.

At the outputs of the amplifier again Tchernov cables are in use to supply a pair of German MAESTRO Linea-S floor stand speakers with the appropriate signals. When designing and realizing a feasible acoustic solution, German MAESTRO's R &D team relied on the direct-radiation principle in order to ensure precise imaging and detailed reproduction of all acoustical respectively instrumental details. Perfect Panorama is the magic word! Thanks to German MAESTRO's unique called "UltraSphere™"

Technology” these speakers reach a significant expansion of the listening area beyond the optimum listening axes. Spaciousness, precision as well as the absence of sound leakages all contribute to this innovative technology which is also used for GermanMAESTRO car speaker components. Perfect speaker performance "Made in Germany" made the Linea-S series first choice to be used for EMMA Academy demo units.



To learn more about these components please visit:

<http://www.magnat.de/>

<http://www.german-maestro.de/>

<http://www.tchernovcable.com/>