

On Sunday, May 19, 2013, the monthly meeting of the Audio-Video Club of Atlanta was held at the clubhouse of the Dunwoody Driving Club subdivision. This location was chosen because we had six do-it-yourself audio hobbyists and professionals show off their handiwork, and we needed a larger empty space to do that. This meeting was coordinated by Sam Papadas who did an excellent job in getting the exhibitors to come and show what they have done. There were about 30 members and guests present, including two new to the club meetings, excluding the exhibitors.

John Morrison was up first with a few club announcements and gave hearty thanks to Sam. He reminded folks about the music recital that evening (European School Recital), and that the web site now has all the information about the club for both visitors and members.

Sam then introduced each exhibitor and they in turn described what they do and what they brought today to demonstrate. These minutes will briefly describe each in the order of their presentation.

Robert Cunningham: He showed us two of his newly designed and built tubed preamps (model P1 and P2), and two tubed (single-ended) power amps. One used 300B tubes to output 8 watts, the other with A410 tubes for 15 watts. He also brought a pair of floor-standing 3-way speakers he built a few years ago. Robert owns "Audio Exchange" that provides professional audio services and repairs almost any kind of audio equipment. He handed out a flyer with his pricing and contact information.

Ed Stiles: He showed (and demoed) a tubed 60 watt amplifier that used only the chassis of the classic Dynaco Mk 2 amplifier, and uses KT90 tubes and extra-large chokes. These are in his personal system which includes the upgraded club speakers which he also brought to demo. He has updated the tweeters but left the crossovers essentially the same. He also utilized his home-made interconnects, speaker cables, and power cords which can sound as good as much more expensive cable.

Bob Drake: He showed and demoed a pair of two-way monitors that cost about \$600 but would probably retail for around \$2000 per pair. The design of these speakers was a modified design he found on the internet. He described how his design evolved, and that he bought the cabinets from Parts Express so he did not have to build them.

David Gillespie: He showed us a built from scratch amp and a modified preamp (originally an Eico HF-85 from the 1950s). The amp's design is based on the Fisher SA100 amplifier. He explained that there were numerous issues with the Eico's original design which he fixed. He has also published articles on his EFB (Enhanced Fixed Bias) circuit which he sells on his web site.

Jason Agee: He showed us a pair of class A EL-84 amplifiers. All of them were hand built including the separate power supply. They deliver about 12 watts per channel in class A. Meters are used on the amplifiers to properly bias the tubes.

Marcus Tunis: He demoed his pair of mono subwoofers that actually were used during some of the other demos (along with the club speakers from Ed), and a pair of 2-way MTM (midwoofer-tweeter-midwoofer) speakers he constructed. He built the speakers "around the tweeter", and he also used the internet to find design ideas, mainly from Danish sites. He has built other 2-way speakers for his home systems. The subwoofers use Direct Servo drivers, downward firing 12 inch woofers.

The club again gives many thanks Sam Papadas for coordinating the meeting, and real special thanks to the six exhibitors and for all the hard work they needed to do to bring and show their equipment to demonstrate to us. It was fascinating to see all these designs and to hear them.

Thomas Horner
Secretary, A-V Club of Atlanta