

Wavecor High-End China Speaker Manufacturer

By Vance Dickason

Wavecor Ltd. is a Chinese limited company established in 2005 and is majority owned by a group of experienced Danish engineers and managers, which includes Alan Isaksen. The company, located in GuangDong province just north of Hong Kong (**Photo 1**), sells drivers and turnkey systems to both the OEM and DIY markets. The current catalog of drivers includes four tweeters, four 5.25" midbass, four 6.5" midbass, and one 7" subwoofer. Here are some of the characteristics of each category:



PHOTO 1: Wavecor China factory.

Tweeters—all four tweeters (**Photo 2**) consist of 1" silk domes, dual neo slug motors, voice coils wound with copper clad aluminum wire, heatsink, 1kHz resonance, 4Ω impedance, and a 94dB/2.83V SPL. You can purchase this model with and without a faceplate and with or without magnetic fluid.



PHOTO 2: Wavecor TW030 neo tweeter.

5.25" Midbass—like the tweeters, these four drivers (**Photo 3**) share common features. Two versions use a cast aluminum frame and two use steel baskets, two use ferrite magnets and two use dual neodymium magnets with heatsinks. All four use 1.25" diameter 4Ω voice coils wound with copper clad aluminum wire on black glass fiber formers (Xmax 3-3.5mm) and paper cones.



PHOTO 3: Wavecor 5.25" WF132TU woofer.

6.5" Midbass—Two versions use a cast aluminum frame and two use steel baskets, two use ferrite magnets and two use dual neodymium magnets with heatsinks. All four use 1.25" diameter 4Ω voice coils wound with copper clad aluminum wire on black glass fiber formers (Xmax 3-3.5mm) and paper cones.

7" Subwoofer—this driver (**Photo 4**) uses a rigid aluminum cone, stamped frame, vented black glass fiber 1.5" diameter former with a four layer winding, aluminum shorting ring, vented frame below the spider mounting shelf, Nomex spider (damper), and gold terminals.

For more on this new Denmark/China OEM speaker company, visit www.wavecor.com.



PHOTO 4: Wavecor 7" SW178 subwoofer.