



Criton 1TD Monitor Kit



Crossover Design by Matt Unger



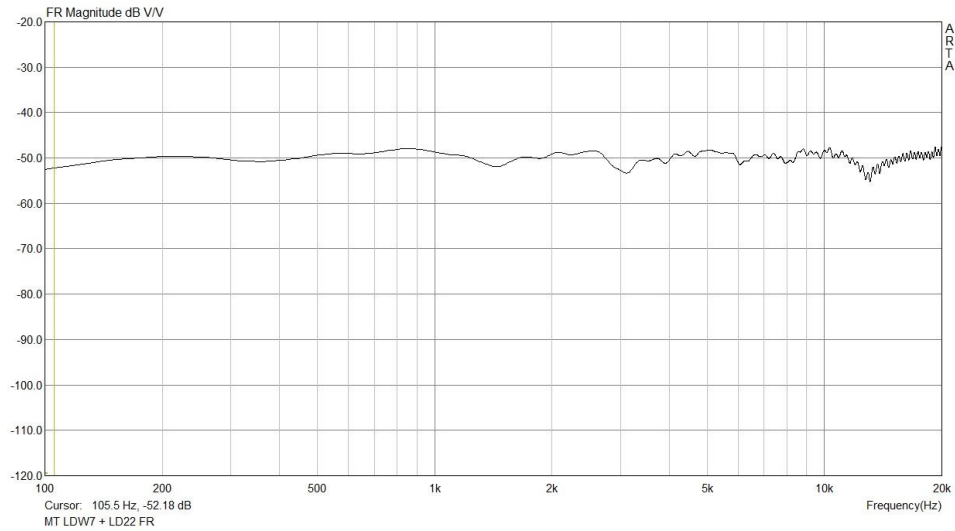
What's a Criton? The Greek derivative can mean "smart", to think critically or carefully, to avoid any ambiguity.

This is our goal; to provide a simple, smart, clearly thought out series of kits for the DIY speaker builder.

The crossover was by Dr Matthew Unger, and the circuit board layout, manual, and prototype was done by Jim Livingstone.

This product marks the extension of the Criton series of designs using our in-house built LD 22F soft dome tweeter instead of our RT2 ribbon tweeter and the awesome LDW7 7" driver for the midrange and low frequencies. Like many of our other kits, this design can be built using an off the shelf .38 cu ft with 8" wide baffle or the .5 cu ft 8 1/2" wide baffle cabinet or for more advanced wood workers, a cabinet of their own design. It can be built in a MLTL (Mass Loaded Transmission Line) design following along with cabinetry of the same width as above. (The MLTL cabinet designs in our Criton Series have shown this configuration to be awesome in bass retrieval and usually do not require a subwoofer for most applications). The *Criton 2TD* is the MTM version of this design. The speakers, with the exception of the MLTL designs, are designed as sealed designs.

Criton 1TD System Response



Criton 1TD Crossover response

