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FRIED PRODUCTS COMPANY

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FRIED Subwoofers: Model "T" and Model "D"

KIT INSTRUCTIONS

I) GENERAL

This kit contains all parts and materials, exclusive of lumber and grilles, necessary for construction of either:

- a) the FRIED Model T dual channel transmission line subwoofer (this is the woofer section of the famous Model H/2 multi-unit loudspeaker system), or
- b) a pair of FRIED Model D subwoofers, using the resistive line tunnel principle, rather than transmission lines.

These subwoofers systems are intended for use with a pair of FRIED Mini-Monitors--either the Model B/2 or the Model C. FRIED subwoofers may, of course, be used to supplement other loudspeaker systems; however, the lack of dynamic range and transient capability of such other speakers--compared to the B/2 and the C--will result in a less than ideal integration with the FRIED subwoofers.

NOTE: In the instructions that follow, we have assumed that you are familiar with, and are capable of performing, high quality cabinet work; therefore, no attempt has been made to provide step-by-step woodworking plans (panel joining methods, fastener types, adhesives, etc.). All necessary dimensions are given in the drawings; and all joints and seams are to be airtight and rigidly constructed. If you lack such woodworking expertise, we strongly suggest that you enlist the services of a skilled cabinet maker.

II) PARTS & MATERIALS

- 2 Woofers, plastic cone, 10"
- 2 Mounting gaskets for woofers
- 2 Crossover networks w/wire harness
- 2 Terminal plates w/binding posts and fuse holders
- 8 Screws, self-tapping, #12 x 1 1/2", round head
- 8 Screws, self-tapping, #12 x 1", pan head
- 8 Screws, self-tapping, #8 x 1/2", flat head
- 8 ft. Hookup wire, yellow
- 1 Selection of foam damping material (see DAMPING below)

III) CABINET

- A) Material: The cabinets are to be constructed of 3/4" flakeboard (also known as chipboard, "Novaply", etc.). Pre-veneered flakeboard may be used for exterior panels, or veneers may be added after construction for cosmetic appeal. Two 4' x 8' panels of lumber will be sufficient to build the Model T subwoofer or a pair of Model D subwoofers.

The driver mounting boards of either model (or the rear panel of the Model D cabinet) should be made removable, and not be permanently mounted to the cabinet; this will allow access to the crossover and other internal parts. One suggestion is to mount the boards on full perimeter 3/4" square cleating, sealed with rubber weather stripping, and secured with wood screws. Be sure that any internal panel edge that abuts the inside of the baffle board is sealed airtight. Crossover mounting, wiring, and damping instal-

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