

DIGITAL AUDIO SPEAKERS™ & KITS

by

speakerlab



\$2.00

speakerlab

A LETTER FROM DAVID GRAEBENER - DIRECTOR, PRODUCT DEVELOPMENT

Fifteen years ago, Speakerlab started out in one tiny store in Seattle, Washington selling a new concept in stereo speakers - THE KIT. We quickly outgrew our home when folks began to discover just how easy it was to save money by assembling their own speakers. Since that time, while some pretty notable competitors have come and gone, we've continued to grow into the world's largest manufacturer of speaker kits.

In celebration of SPEAKERLAB' FIFTEENTH ANNIVERSARY, we have introduced two new product concepts: "our better than ever" kit offering and our new line of Digital Audio Speakers, the DAS series.

Our new kit offering now gives you TWO ways to save over the cost of our complete factory assembled speakers: the BASIC KIT, which includes drivers, crossovers and the cabinet building plans OR our COMPLETE KIT, which gives you all of the above along with pre-built cabinets.

Speakerlab's new DIGITAL AUDIO SPEAKERS, which after a year of intense research and engineering are being unveiled, and ready to challenge the Digital Audio Disc, the first significant improvement in audio fidelity since the stereo LP. Speakerlab's Digital Audio Speakers are both accurate and rugged. We weren't interested in solutions which gave accuracy at the price of fragility, or that would allow high power handling at the expense of efficiency. Our Speakerlab DAS series can handle up to 300 watts of sustained amplifier power and yet are very efficient, an impressive combination of features found in few if any other speaker systems! The results of our time consuming and sometimes frustrating engineering translates into speakers that make the most of the unerring fidelity and dynamics of digital, and yet brings to life decade old records from your collection.

We have also incorporated our new Inverse Axis Alignment design (the midrange above the tweeter) in some of our designs, which ensures that the sound of both midrange and tweeter arrive at your ears simultaneously. You will truly notice the cleaner, more defined sound with better imaging and heightened clarity. It is almost as if the music has been brought into sharper focus.

When you compare Speakerlab speakers with others on the market, you will find ours to be a better sound for the dollar. And, by contributing a few hours of your own time to building our kit, you will save over the assembled price! So read on, and you'll discover with our new DAS speaker kit designs, raw speakers and car speakers that state-of-the-art doesn't have to affect the state of your budget.

I hope you enjoy our new catalog.



DIRECTOR, PRODUCT DEVELOPMENT

ALL ABOUT SPEAKERLAB KITS

Top quality loudspeakers like our state-of-the-art Digital Audio series are composed of three important parts:

- Innovative design
- Superb components
- Time consuming assembly

While you're probably not in the mood to economize by learning acoustic design or taking up woofer fabrication, you can save money by assembling our designs yourself...quite a bit of money...using the simplest of tools...spending less than an hour per speaker.

To get the best speaker value in the U.S. all you have to do is order a Speakerlab DAS speaker kit and invest a little of your time to assemble the kit.

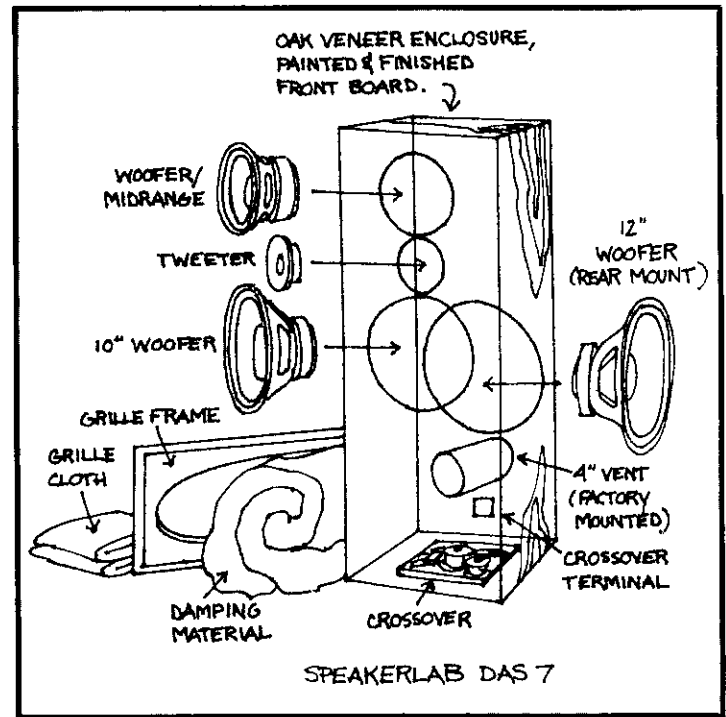
1. Order hassle free. Pick out the Speakerlab Digital Audio Speaker system that best fits your price range and listening style. Either fill out and mail in our order blank or call our toll free order placement number and charge your order to your credit card.

Choose either the BASIC kit or the COMPLETE kit. The BASIC kit includes all the drivers, pre-assembled crossovers, grille cloth, damping material and mounting hardware along with complete building plans and assembly instructions for making your own cabinet. The COMPLETE kit includes all of the same parts as the BASIC kit but you also receive our PRE-BUILT oak veneer cabinets.

2. Finish the enclosure. Our pre-built enclosures provided with the COMPLETE kit come with tips on various types of finishes. However, this is an individual choice depending upon what type of oil stain, varnish, wax etc. you prefer. You can rub a coat of Danish oil on in a half an hour or spend a week getting a mirror gloss. Add the finishing touches by attaching the acoustically transparent grille cloth to the grille frame in minutes with a staple gun or even faster with spray glue. Finally put the Speakerlab logo on the front grille.

3. Install the drivers and pre-built crossover. All you do is mount the crossover and plug color-coded wires onto each driver. Then you fill the enclosure with the dampening material we provide, mount the drivers with the hardware included with the kit onto the frontboard and your Digital Audio speaker is ready.

4. Enjoy your favorite music even more. Owning Speakerlab DAS speakers is like getting a new record collection. You'll be amazed at the impact and clarity that all your old records—not to mention new Digital Discs—will suddenly produce. And there's one more bonus—impressing your friends with your skill at speaker building. Just don't tell them how easy it really was.



WHAT DO I GET WHEN I PURCHASE A SPEAKERLAB DAS KIT?

Aside from the best value, high quality loudspeaker available, your Speakerlab DAS kit will include easy-to-follow, step-by-step assembly instructions, owner's manual and full warranty with:

- pre-tested drivers
- matched, pre-built crossovers
- damping material
- grille cloth
- mounting hardware
- pre-built oak veneer enclosures (with the COMPLETE kit)

IS THE ASSEMBLY OF A KIT DIFFICULT OR COMPLICATED?

Over 20,000 people all over the world have successfully built Speakerlab speakers. Average assembly time is less than one hour per speaker. All that is required is wood glue, a screw driver and staple gun or can of spray glue. The process isn't messy and can be done just about anywhere.

WHAT IF I DON'T WANT TO ASSEMBLE A KIT?

All Speakerlab speakers can be purchased as fully-assembled systems. We also offer individual drivers, crossover parts and accessories for those rugged individualists who want to go it alone and develop their own design.

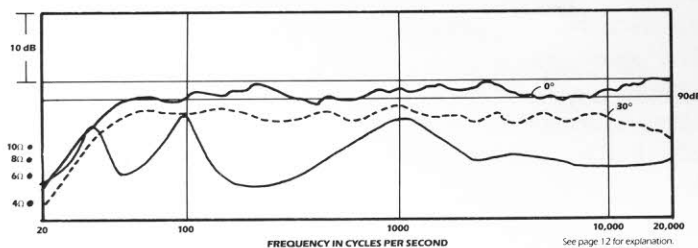
Photo set courtesy of Current Design.

The Speakerlab DAS-2



The compact DAS-2 sets the stage for our family of Digital Audio Speakers with amazing lifelike clarity, definition and solid bass far beyond the boundaries of its cabinet size. Meticulously designed crossover network and drivers fine tuned to a superbly constructed speaker cabinet give you smooth and articulate mid and high end sound with unerring accuracy and pinpoint imaging. Among our new enclosure design principles are narrow front panels for superb imaging and increased enclosure depth for less apparent physical size yet acquiring the needed volume for extended bass response.

The DAS-2 will not only offer you a price savings over other speakers in the same quality range, but you can realize even more of a savings by building the DAS-2 from our kit version.



The DAS-2 is a two-way system using a 5 $\frac{1}{4}$ " (13.3cm) polypropylene cone woofer in a fourth order alignment and a $\frac{3}{4}$ " (19mm) magnetic fluid damped polypropylene dome tweeter. The filter network is a symmetrical third order design set at 2.5kHz. The enclosure volume is 0.25 cu. ft. (7.06 liters) and is tuned to 48Hz through the use of a rear mounted tubular vent. The frequency response is plus or minus 3dB from 50Hz to 21kHz. Sensitivity is 90dB at 1 watt 1 meter. Compatible amplifier power ratings are between 5 watts and 75 watts per channel. The enclosure size is 13"H x 7"W x 8 $\frac{1}{2}$ "D. Nominal impedance is 4 ohms.

