

RECTILINEAR RESEARCH CORP.
107 Bruckner Boulevard
New York, New York 10454

INSTRUCTIONS FOR THE USE
OF THE RECTILINEAR® XIa BOOKSHELF
LOUDSPEAKER SYSTEM

I. BASIC CONFIGURATION AND DESIGN GOALS:

The Rectilinear XIa is a two-way speaker system utilizing an extended-range woofer and an extended-range tweeter, both of the moving-coil principle. The cabinet is of normal bookshelf size but somewhat unconventional in that it is a tube-vented bass reflex enclosure instead of being completely enclosed.

The Rectilinear XIa was designed to make available to critical listeners a budget-priced bookshelf speaker of genuinely accurate response and very low distortion, including *low time delay distortion*. The utmost simplicity of design was sought in order to eliminate unessential parts and keep labor costs down, as long as no compromise in performance would result.

Particular emphasis was placed on high efficiency without loss of bass response, as well as on relatively constant impedance across the frequency spectrum. These characteristics were considered necessary to make the speaker compatible with receivers and amplifiers of moderate price and therefore of modest power output. The subjective listening quality of the Rectilinear XIa was to be judged by the same standards as that of higher-priced speakers in the Rectilinear line.

II. CONNECTION FROM AMPLIFIER TO SPEAKERS:

The Rectilinear XIa is a high efficiency loudspeaker system, designed to be operated from a source impedance of 8 ohms, or less. Wiring should be heavy gauge, (18 gauge minimum), insulated lamp cord wherever possible. Small gauge "speaker wire" is *absolutely not recommended* for use with this system as it will cause a loss of power output and increase distortion from your amplifier.

When connecting the Rectilinear XIa to your amplifier, be sure they are wired *in-phase*. This means that the terminal marked "common," of each speaker system should be connected to the terminal marked either common, ground, or (-) of your amplifier. The terminal marked "8 ohms," of the speaker should be connected to the terminal marked "8 ohms" or (+). Connect the left system to the left output terminals of the amplifier and the right speaker to the amplifier terminals, (SEE DIAGRAM). Wiring the loudspeakers in phase assures that no cancellation of sound will occur due to the left and right speakers' cones moving in opposite directions.

Rectilinear Research Owners Manual

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Energy Research Abstracts ,1989 **Scientific and Technical Aerospace Reports** ,1995 **Consumer Guide--the Best of High Fidelity Equipment** ,1975 **Environmental Modeling** Vijay P. Singh,Il Won Seo,Jung H. Sonu,1999
Hi Fi/stereo Review ,1968 **Location, Transport and Land-Use** Yupo Chan,2005-12-05 1 Theme and focus Few books are available to integrate the models for facilities siting transportation and land use Employing state of the art quantitative models and case studies this book would guide the siting of such facilities as transportation terminals warehouses nuclear power plants military bases landfills emergency shelters state parks and industrial plants The book also shows the use of statistical tools for forecasting and analyzing implications of land use decisions The idea is that la use on a map is necessarily a consequence of individual and often conflicting siting decisions over time Since facilities often develop to form a community these decisions are interrelated spatially i e they need to be accessible to one another via the transportation system It is our thesis that a common methodological procedure exists to analyze all these spatial temporal constructs While there are several monographs and texts on subjects related to this book s this volume is unique in that it integrates existing practical and theoretical works on facility location transportation and land use Instead of dealing with individual facility location transportation or the resulting land use pattern individually it provides the underlying principles that are behind these types of models Particularly of interest is the emphasis on counter intuitive decisions that often escape our minds unless deliberate steps of analysis are taken Oriented toward the fundamental principles of infrastructure management the book transcends the traditional engineering and planning disciplines where the main concerns are often exclusively either physical design fiscal socioeconomic or political considerations **Liquefied Natural Gas** ,1978 **The Conference Proceedings of the 1998 Air Transport Research Group (ATRG) of the WCTR Society** WCTR Society. Air Transport Research Group. Conference,1998 Stereo Review ,1968 **Experimental Robotics VII** Daniela Rus,Sanjiv Singh,2007-09-04 Experimental robotics is at the core of validating robotics research for both its system science and theoretical foundations Robotics experiments serve as a unifying theme for robotics system science and theoretical foundations This book collects papers on the state of the art in experimental robotics The papers were presented at the 2000 International Symposium on Experimental Robotics **Monthly Catalogue, United States Public Documents** ,1994
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students the syllable types will help them access longer words and apply the phonics skills they learned in the primary grades

to those words many students skip words or mumble when presented with larger words

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web jul 26 2023 many first grade words also end with the unaccented l sound found in words like little puzzle this is a

typical strategy you may use as students begin to decode multisyllabic words explicit instruction to support your students

understanding of decoding multisyllabic words you should start by explicitly teaching this concept

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syllable spell rē use all of the decoding skills to prove these longer words then read each word 1 a place to get prescriptions

ampyarch 2 a single thing in a recipe tingdreien

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