

Accuphase Integrated Amplifier E 250

Contains "Records in review."

This comprehensive book on audio power amplifier design will appeal to members of the professional audio engineering community as well as the student and enthusiast. Designing Audio Power Amplifiers begins with power amplifier design basics that a novice can understand and moves all the way through to in-depth design techniques for very sophisticated audiophiles and professional audio power amplifiers. This book is the single best source of knowledge for anyone who wishes to design audio power amplifiers. It also provides a detailed introduction to nearly all aspects of analog circuit design, making it an effective educational text. Develop and hone your audio amplifier design skills with in-depth coverage of these and other topics: Basic and advanced audio power amplifier design Low-noise amplifier design Static and dynamic crossover distortion demystified Understanding negative feedback and the controversy surrounding it Advanced NFB compensation techniques, including TPC and TMC Sophisticated DC servo design MOSFET power amplifiers and error correction Audio measurements and instrumentation Overlooked sources of distortion SPICE simulation for audio amplifiers, including a tutorial on LTspice SPICE transistor modeling, including the VDMOS model for power MOSFETs Thermal design and the use of ThermalTrak(tm) transistors Four chapters on class D amplifiers, including measurement techniques Professional power amplifiers Switch-mode power supplies (SMPS). design Static and dynamic crossover distortion demystified Understanding negative feedback and the controversy surrounding it Advanced NFB compensation techniques, including TPC and TMC Sophisticated DC servo design MOSFET power amplifiers and error correction Audio measurements and instrumentation Overlooked sources of distortion SPICE simulation for audio amplifiers, including a tutorial on LTspice SPICE transistor modeling, including the VDMOS model for power MOSFETs Thermal design and the use of ThermalTrak(tm) transistors Four chapters on class D amplifiers, including measurement techniques Professional power amplifiers Switch-mode power supplies (SMPS). the use of ThermalTrak(tm) transistors Four chapters on class D amplifiers, including measurement techniques Professional power amplifiers Switch-mode power supplies (SMPS).

Offers advice on buying and taking care of turntables, tape decks, tuners, amplifiers, loudspeakers, and compact disc players

Stereo ReviewHi-fi NewsAudioHi-fi News & Record ReviewHigh Fidelity News and Record ReviewPinpointerThe Absolute SoundBillboard Literary Nonfiction. Essays. This book is a chronicle of the overlooked and unsung, a collection of award-winning essays based on Brian Jabas Smith's popular column, "e;Tucson Salvage."e;

Contents: (1) Intro.; (2) What are Rare Earth Elements (REE)?; (3) Major End Uses and Applications: Demand for REE; The Application of REE in National Defense; (4) Rare Earth Resources and Production Potential; Supply Chain Issues; Role of China; (5) Rare Earth Legislation in the 111th Congress: H.R. 4866, and S. 3521, the Rare Earths Supply-Chain Technology and Resources Transformation Act of 2010; H.R. 5136, the FY 2011 Nat. Defense Authorization Act; P.L. 111-84, the FY 2010 Nat. Defense Authorization Act; (6) Possible Policy Options: Authorize and Appropriate Funding for a USGS Assessment; Support and Encourage Greater Exploration for REE; Challenge China on Its Export Policy; Establish a Stockpile. Illustrations.

This comprehensive reference offers ready access to the most up-to-date information on all facets of electronic transformer design. Coverage includes full treatments of the principles of transformer operation and behavior, construction, cooling considerations, and overload protection. This edition is thoroughly updated to incorporate the latest information on new core and construction materials and gaseous insulants.

Contains expanded coverage of size versus rating as affected by new cooling techniques, polyphase capacitor input filters material (including a discussion of semiconductor/rectifier technology) and saturating devices. New chapters cover inverter transformers, inverter circuits, high voltage applications, and the design of special transformers.

In this collective portrait, editors and authors do not attempt to draw systematic, country-by-country comparisons. Given the magnitude of the issues, they believed that it would be inappropriate to paint with too broad a stroke. What they have accomplished, however, is to codify and identify what the participants repeatedly noted in regard to issues and difficulties inherent in conducting outcome evaluation. These include: varying definitions of outcome; complexities in measuring outcomes of particular interventions with different groups of consumers and documenting the effectiveness of the intervention; the tendency to focus on evaluation of process more than outcome; the challenge of involving practitioners in the evaluation task, in part because its value is unclear to them or perceived as distant or untrustworthy; the typical inadequacy of resources available for systematic evaluation; and the need to inject rigor into the design and execution of evaluation projects. The authors demonstrate strong conviction about sharing research expertise across national boundaries; learning through each other how to cope with organizational impediments to cross-national collaboration; and strengthening the interaction between practice and research. Their contributions suggest that there is wide interest in pursuing cross-national collaboration. In recent years, largely in response to demands by their funding sources for accountability, assessment of performance, and cost effectiveness, researchers in human services have been devoting increased attention to outcome evaluation. Limited attention, however, has been given to the findings of evaluation studies conducted in different countries. The present volume has been organized and edited to address the task of learning from outcome research across the world. Its goal, an extension of a major goal of the human services in any one country, is to improve life chances of vulnerable children and youth. Anthony N. Maluccio is professor of social work at Boston College, Graduate School of Social Work, Chestnut Hill, Massachusetts. Cinzia Canali is research associate at the Fondazione Emanuela Zancan, Padua, Italy. Tiziano Vecchiato is scientific director of the Fondazione Emanuela Zancan, Padua, Italy.

Movement is the way that animals interact with their environment and is under the organization and complex control of the brain and spinal cord. Multiple central nervous systems, including cortex, basal ganglia, cerebellum, and brainstem, interact to provide precise motor control and integration. Damage or disease within these systems cause profound motor disturbances in man, which can be effectively modeled in animals to develop a better understanding and treatment of the human condition. Animal Models of Movement Disorders introduces a variety of methods and techniques used to model and assess motor function in experimental animals from lower orders, such as drosophila and c. elegans, through vertebrate species including fish, to mammals, such as rodents and non-human primates. The most advanced contemporary models in each system are presented at multiple levels of analysis from molecular and genetic modeling, lesions, anatomy, neurochemistry, to imaging and behavior. Volume II of this detailed collection contains sections on the basal ganglia, neo- and allo-cortical systems, cerebellar and brain stem systems, as well as spinal cord systems.

Comprehensive and meticulous, Animal Models of Movement Disorders serves as a valuable reference for those studying motor disorders by covering methodologies in detail and providing the information necessary to consider both the appropriate models and assessment tools that can most informatively answer the key experimental issues in the field. In the late 1990s, the European Commission embarked on a long process of introducing a 'more economic approach' to EU Antitrust law. One by one, it reviewed its approach to all three pillars of EU Antitrust Law, starting with Article 101 TFEU, moving on to EU merger control and concluding the process with Article 102 TFEU. Its aim was to make EU

antitrust law more compatible with contemporary economic thinking. On the basis of an extensive empirical analysis of the Commission's main enforcement tools, this book establishes the changes that the more economic approach has made to the Commission's enforcement practice over the past fifteen years. It demonstrates that the more economic approach not only introduced modern economic assessment tools to the Commission's analyses, but fundamentally changed the Commission's interpretation of the law. Emulating one of the key credos of the US Antitrust Revolution thirty years earlier, the Commission reinterpreted the EU antitrust rules as aiming at the enhancement of economic consumer welfare only, and amended its understanding of key legal concepts accordingly. This book argues that the Commission's new understanding of the law has many benefits. Its key principles are logical, translate well into workable legal concepts and promise a great degree of accuracy. However, it also has a number of serious drawbacks as it stands. Most worryingly, its revised interpretation of the law is to large extents incompatible with the case law of the European Court of Justice, which has not been swayed by the exclusive consumer welfare aim. This situation is undesirable from the point of view of legal certainty and the rule of law.

Some issues include "Directory of members".

Features straightforward advice on judging good from bad wines, wine lists, and wine retailers, plus the author's ten commandments of wine

Revision of the 1989 book The compact disk; a handbook of theory and use. A technical discussion of the system. Annotation copyrighted by Book News, Inc., Portland, OR

Molecular and Laser Spectroscopy: Advances and Applications provides students and researchers with an up-to-date understanding of the fast-developing area of molecular and laser spectroscopy. Editor V.P. Gupta has brought together the eminent scientists on a selection of topics to develop a systematic approach, first covering basic principles needed to understand each cutting-edge technique and application. This book acts as a standard reference for advanced students of molecular and laser spectroscopy and as a graduate text for new entrants in the field. The book covers a wide range of applications of molecular and laser spectroscopy in areas such as agriculture, forensic and biomedical sciences, and the food, chemical, pharmaceutical and petrochemical industries. Researchers and scientific personnel in these fields will learn the latest techniques in order to put them to practical use in their work. Covers several areas of spectroscopy research in a single volume, saving researchers time Includes exhaustive lists of research articles, reviews and books at the end of each chapter to point readers in the right direction for further learning Features illustrative examples of the varied applications Serves as a practical guide to those interested in using molecular and laser spectroscopy tools in their research and field applications

Expanded and revised to cover recent developments, this text should tell you what you need to know to become a better listener and buyer of quality high-fidelity components. New sections include: super audio CD; high-resolution audio on DVD; and single-ended amplifiers.

In its 114th year, Billboard remains the world's premier weekly music publication and a diverse digital, events, brand, content and data licensing platform. Billboard publishes the most trusted charts and offers unrivaled reporting about the latest music, video, gaming, media, digital and mobile entertainment issues and trends.

New York magazine was born in 1968 after a run as an insert of the New York Herald Tribune and quickly made a place for itself as the trusted resource for readers across the country. With award-winning writing and photography covering everything from politics and food to theater and fashion, the magazine's consistent mission has been to reflect back to its audience the energy and excitement of the city itself, while celebrating New York as both a place and an idea.

This book examines the Indian nuclear policy, doctrine, strategy and posture, clarifying the elastic concept of credible minimum deterrence at the center of the country's approach to nuclear security. This concept, Karnad demonstrates, permits the Indian nuclear forces to be beefed up, size and quality-wise, and to acquire strategic reach and clout, even as the qualifier minimum suggests an overarching concern for moderation and economical use of resources, and strengthens India's claims to be a responsible nuclear weapon state. Based on interviews with Indian political leaders, nuclear scientists, and military and civilian nuclear policy planners, it provides unique insights into the workings of India's nuclear decision-making and deterrence system. Moreover, by juxtaposing the Indian nuclear policy and thinking against the theories of nuclear war and strategic deterrence, nuclear escalation, and nuclear coercion, offers a strong theoretical grounding for the Indian approach to nuclear war and peace, nuclear deterrence and escalation, nonproliferation and disarmament, and to limited war in a nuclearized environment. It refutes the alarmist notions about a nuclear flashpoint in South Asia, etc. which derive from stereotyped analysis of India-Pakistan wars, and examines India's likely conflict scenarios involving China and, minorly, Pakistan.

Introduces the life cycle of a dog, using a golden retriever as an example and describing various stages of her life, from newborn puppy to adult dog having puppies of her own.

This book is essential for audio power amplifier designers and engineers for one simple reason...it enables you as a professional to develop reliable, high-performance circuits. The Author Douglas Self covers the major issues of distortion and linearity, power supplies, overload, DC-protection and reactive loading. He also tackles unusual forms of compensation and distortion produced by capacitors and fuses. This completely updated fifth edition includes four NEW chapters including one on The XD Principle, invented by the author, and used by Cambridge Audio. Crosstalk, power amplifier input systems, and microcontrollers in amplifiers are also now discussed in this fifth edition, making this book a must-have for audio power amplifier professionals and audiophiles.

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