Jumbo Universal Remote Manual

Microwave and Wireless SynthesizersMechanical EngineeringIndustrial PhotographyPopular PhotographyInfoWorldPopular MechanicsNuts & VoltsMicrotimesImplementing the IBM StorwizePopular MechanicsPMI, Photo Methods for IndustryConstruct Validation of Premenstrual Syndrome [microform]European Plastics NewsThe Waterways JournalPopular ElectronicsPopular PhotographyBulletinRadio-electronicsLighting DimensionsThe New York Times Manual of Style and UsageMine and QuarryEngineering News-recordSmall Wars ManualPopular ScienceRailroad Model CraftsmanMarine Engineering/logBritish Journal of PhotographyFarm JournalSouthern Pulp and PaperModern PhotographyModern CastingBillboardASTM BulletinElectronics NowAir Conditioning, Heating and VentilatingAMJ, Agricultural Machinery JournalThe EngineerPopular Mechanics MagazineThe Wireless WorldThe Dock and Harbour Authority

Microwave and Wireless Synthesizers

Mechanical Engineering

Industrial Photography

Popular Photography

InfoWorld

Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

Popular Mechanics

Nuts & Volts

Microtimes

Implementing the IBM Storwize

Popular Mechanics

Beginning with 1960, includes an additional October issue called Directory (varies slightly)

PMI, Photo Methods for Industry

Construct Validation of Premenstrual Syndrome [microform]

"The official style guide used by the writers and editors of the world's most authoritative news organization."

European Plastics News

The Waterways Journal

Popular Electronics

Popular Photography

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Bulletin

Radio-electronics

Lighting Dimensions

The New York Times Manual of Style and Usage

Mine and Quarry

Engineering News-record

Small Wars Manual

Popular Science

Railroad Model Craftsman

Marine Engineering/log

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British Journal of Photography

Farm Journal

Southern Pulp and Paper

Modern Photography

Modern Casting

Billboard

Over the past decade, great strides have been made in the technology of microwave oscillators and synthesizers, with digital frequency synthesizers in particular attracting much attention. These synthesizers are now being used in virtually all modern signal generators and radio communication equipment. Until now, however, detailed information about their design has been hard to come by-much of it scattered through journal articles-and most books on the subject have taken a primarily theoretical approach. Enter Microwave and Wireless Synthesizers-the first book to emphasize both practical circuit information from RF to millimeter-wave frequencies and up-to-date theory. Based on course material taught by author Ulrich L. Rohde at George Washington University and recent work done by the author at Compact Software, Inc. and Synergy Microwave Corporation, this volume is a complete revision and update of Rohde's landmark text, Digital PLL Frequency Synthesizers: Theory and Design. While it provides all the necessary theory and formulas, it also offers an in-depth look at the practical side of the phase-lock loop (PLL) in synthesizers-including special loops, loop components, and practical circuits-material that is not available in any other book. Rohde explains loop fundamentals, demonstrates the linear approach to oscillator phase noise, discusses the digital direct synthesizer technique, addresses low noise oscillator

design, and provides insight into the role and design of crystal oscillators, mixers, phase/frequency discriminators, wideband high-gain amplifiers, programmable dividers, and loop filters. He goes on to cover conventional multiloop synthesizers and survey existing state-of-the-art microwave synthesizer applications. Extensive appendices review the mathematics of useful functions and various applications, including even the complex nonlinear theory of noise in large signal systems such as mixers and oscillators. Microwave and Wireless Synthesizers allows anyone with a PC running either Windows 3.11 or Windows NT to explore real-world design. It uses programs for the solution of digital phase-lock loop systems, tabulates the results, and shows how Bode diagrams are determined by the computer's graphic capabilities. It also includes examples using commercially available linear and nonlinear CAD programs to provide accurate evaluation and optimization of oscillators and other useful circuits and many practical charts. For companies involved in test and communication equipment, this book reduces design and research costs by providing a large number of proven circuits and expediting the design process. It is also an outstanding senior/graduate level textbook for electrical engineering students and an invaluable resource for practicing engineers, senior engineers, and managers who would like to be able to evaluate new trends and techniques in the field.

ASTM Bulletin

Organizations of all sizes are faced with the challenge of managing massive volumes of increasingly valuable data. However, storing this data can be costly, and extracting value from the data is becoming more and more difficult. IT organizations have limited resources, but must stay responsive to dynamic environments and act quickly to consolidate, simplify, and optimize their IT infrastructures. The IBM® Storwize® V3700 system provides a solution that is affordable, easy to use, and self-optimizing, which enables organizations to overcome these storage challenges. Storwize V3700 delivers efficient, entry-level configurations that are specifically designed to meet the needs of small and midsize businesses. Designed to provide organizations with the ability to consolidate and share data at an affordable price, Storwize V3700 offers advanced software capabilities that are usually found in more expensive systems. Built on innovative IBM technology, Storwize V3700 addresses the block storage requirements of small and midsize organizations, Storwize V3700 is designed to accommodate the most common storage network technologies. This design enables easy implementation and management. Storwize V3700 includes the following features: Web-based GUI provides point-and-click management capabilities. Internal disk storage virtualization enables rapid, flexible provisioning and simple configuration changes. Thin provisioning enables applications to grow dynamically, but only use space they actually need. Enables simple data migration from external storage to Storwize V3700 storage (one-way from another storage device). Remote Mirror creates copies of data at remote locations for disaster recovery. IBM FlashCopy® creates instant application copies for backup or application testing. This IBM Redbooks® publication is intended for pre-sales and post-sales technical support professionals and storage administrators. The concepts in this book also relate to the IBM Storwize V3500. This book was written at a software level of version 7 release 4.

Electronics Now

Air Conditioning, Heating and Ventilating

AMJ, Agricultural Machinery Journal

The Engineer

Popular Mechanics Magazine

The Wireless World

The Dock and Harbour Authority

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION