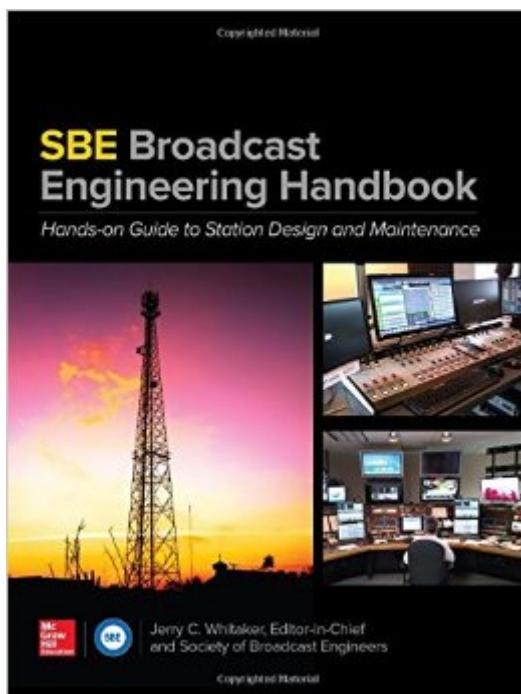


The book was found

The SBE Broadcast Engineering Handbook: A Hands-on Guide To Station Design And Maintenance



Synopsis

Up-To-Date Broadcast Engineering EssentialsÂ This encyclopedic resource offers complete coverage of the latest broadcasting practices and technologies. Written by a team of recognized experts in the field, the SBE Broadcast Engineering Handbook thoroughly explains radio and television transmission systems, DTV transport, information technology systems for broadcast applications, production systems, facility design, broadcast management, and regulatory issues. In addition, valuable, easy-to-use appendices are included with extensive reference data and tables. The SBE Broadcast Engineering Handbook is a hands-on guide to broadcast station design and maintenance.Â SBE Broadcast Engineering Handbook covers:Â Â Â Â Â Â Â Regulatory Requirements and Related IssuesÂ Â Â Â Â AM, FM, and TV Transmitters, Transmission Lines, and Antenna SystemsÂ Â Â Â Â DTV Transmission Systems, Coverage, and MeasurementÂ Â Â Â Â Â MPEG-2 TransportÂ Â Â Â Â Program and System Information Protocol (PSIP)Â Â Â Â Â Information Technology for Broadcast PlantsÂ Â Â Â Â Production Facility DesignÂ Â Â Â Â Â Audio and Video Monitoring SystemsÂ Â Â Â Â Â Master Control and Centralized FacilitiesÂ Â Â Â Â Asset ManagementÂ Â Â Â Â Production Intercom SystemsÂ Â Â Â Â Production Lighting SystemsÂ Â Â Â Â Broadcast Facility DesignÂ Â Â Â Â Transmission System MaintenanceÂ Â Â Â Â Broadcast Management and Leadership

Book Information

Hardcover: 912 pages

Publisher: McGraw-Hill Education; 1 edition (April 11, 2016)

Language: English

ISBN-10: 0071826262

ISBN-13: 978-0071826266

Product Dimensions: 8 x 2 x 9.5 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ See all reviewsÂ (1 customer review)

Best Sellers Rank: #408,476 in Books (See Top 100 in Books) #77 inÂ Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Television & Video #148 inÂ Books > Crafts, Hobbies & Home > Crafts & Hobbies > Radio Operation #168 inÂ Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radio

Customer Reviews

Wow, this handbook came as a pleasant surprise. This 2016 first edition of the SBE Broadcast Engineering Handbook is pretty impressive; it fulfills its claimed purpose of a "hands on guide" for broadcast station design and maintenance. The contributing authors read like a Who's Who in the broadcast engineering field, and the editor-in-chief is Jerry Whitaker, VP of Standards Development for the Advanced Television Systems Committee (ATSC), former SBE President, SBE Fellow, and author of more than thirty books on technical topics. The SBE Broadcast Engineering Handbook contains cutting edge information on virtually every aspect of broadcast station design and operations, both radio and TV, including the now proposed ATSC 3.0. My favorite chapter was Chapter 5.11 on electronic news gathering (ENG) systems using cellular frequencies (aka bonded ENG), as opposed to Broadcast Auxiliary Service (BAS) frequencies. I forgive the author of that chapter for his dig about "dated" point-to-point microwave technology, because for truly major news events (e.g., Katrina, or out here in California, earthquakes), you had better not be relying on the continued availability of terrestrial commercial mobile radio service (CMRS) phones; only Mobile Satellite Service (MSS) handsets and BAS gear at hardened broadcast sites are likely to still be working during such scenarios. But I digress. Like the NAB Engineering Handbook, all of the figures are black & white. However, the most recent edition of the NAB Engineering Handbook is the tenth edition dating from 2007, whereas the SBE Broadcast Engineering Handbook has the advantage of addressing advances in broadcast engineering in the succeeding nine years.

[Download to continue reading...](#)

The SBE Broadcast Engineering Handbook: A Hands-on Guide to Station Design and Maintenance
International Shortwave Broadcast Guide: Summer 2016 (Semi-Annual International Shortwave Broadcast Guides)
Start a TV Station: Learn How to Start Satellite, Cable, Analog and Digital Broadcast TV Channels
and Keith's Radio Station: Broadcast, Satellite, and Internet
The Radio Station: Broadcast, Satellite and Internet
The Radio Station: Broadcast, Satellite & Internet
Broadcast News (with InfoTrac) (Wadsworth Series in Broadcast and Production)
The Bicycling Guide to Complete Bicycle Maintenance & Repair: For Road & Mountain Bikes (Bicycling Guide to Complete Bicycle Maintenance & Repair for Road & Mountain Bikes)
Zinn & the Art of Road Bike Maintenance: The World's Best-Selling Bicycle Repair and Maintenance Guide
Outboard Engines: Maintenance, Troubleshooting, and Repair, Second Edition: Maintenance, Troubleshooting, and Repair
Basic and Advanced Light Plane Body Maintenance: (Light Plane Maintenance Library, Vol. 2)
Heart Health: Heart Healthy Cookbook: 30 Quick & Easy, Heart Healthy Greek Recipes For Smart Heart Health (cooking, weight loss, weight maintenance) (cooking, ... weight maintenance, weight watchers Book 1)
Aviation Maintenance Technician: General (Aviation Maintenance

Technician series) Aviation Maintenance Technician: Powerplant (Aviation Maintenance Technician series) Aviation Maintenance Technician: Airframe: Volume 1: Structures (Aviation Maintenance Technician series) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Ferrari 312T 1975 to 1980 (312T, T2, T3, T4, T5 & T6): An insight into the design, engineering, maintenance and operation of Ferrari's series of ... F1 cars (Owners' Workshop Manual) Python: Learn Python in One Day and Learn It Well. Python for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 1) CSS (with HTML5): Learn CSS in One Day and Learn It Well. CSS for Beginners with Hands-on Project. Includes HTML5. (Learn Coding Fast with Hands-On Project Book 2) C#: Learn C# in One Day and Learn It Well. C# for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 3)

[Dmca](#)