

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 Â Regulatory Requirements and Related IssuesÂ Â Â Â Â Â Â Â AM, FM, and TV Transmitters, Transmission Lines, and Antenna SystemsÂ Â Â Â Â Â Â Â DTV Transmission Systems, Coverage, and MeasurementÂ Â Â Â Â Â Â Â MPEG-2 TransportÂ Â Â Â Â Â Â Â Program and System Information Protocol (PSIP)Â Â Â Â Â Â Â Â Information Technology for Broadcast PlantsÂ Â Â Â Â Â Â Â Production Facility DesignÂ Â Â Â Â Â Â Â Audio and Video Monitoring SystemsÂ Â Â Â Â Â Â Â Master Control and Centralized FacilitiesÂ Â Â Â Â Â Â Â Asset ManagementÂ Â Â Â Â Â Â Â Production Intercom SystemsÂ Â Â Â Â Â Â Â Production Lighting SystemsÂ Â Â Â Â Â Â Â Broadcast Facility DesignÂ Â Â Â Â Â Â Â Transmission System MaintenanceÂ Â Â Â 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 Â 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)
Ham Radio: The Ultimate Ham Radio Guide - How To Set Up And Operate Your Own Ham Radio Station (Survival, Communication, Self Reliance)
Brandy Station and the March to Gettysburg: The History of the Confederate Invasion of Pennsylvania Before the Biggest Battle of the Civil War
Broadcast Hysteria: Orson Welles's War of the Worlds and the Art of Fake News
Zinn & the Art of Road Bike Maintenance: The World's Best-Selling Bicycle Repair and Maintenance Guide
Ice Station Nautilus: A Novel Party Night on Union Station (EarthCent Ambassador Book 10)
Orb Station Zero (Galactic Arena Series Book 1)
Fringe Station (Fringe Series Book 2)
Ariana: BBW Science Fiction Alien Romance (Solaris Station Book 1)
Sleisenger and Fordtran's Gastrointestinal and Liver Disease Review and Assessment (Sleisenger and Fordtrans Gastrointestinal and Liver)
How To Podcast 2016: Four Simple Steps To Broadcast Your Message To The Entire Connected Planet ... Even If You Don't Know Where To Start
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) Die-cutting and Tooling: A guide to the manufacture and use of cutting, embossing and foiling dies, anvils and cylinders 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) Eat Fat and Get Thin, Fit, and Healthier Than Ever Before!: Easy Diet and Delicious Cookbook: Recipes for Dramatic and Sustainable Weight Loss (Includes 21 Day Meal Plan) Best Plants for New Mexico Gardens and Landscapes: Keyed to Cities and Regions in New Mexico and Adjacent Areas, Revised and Expanded Edition Amino Acids: The Way to Health and Wellness: Find Health and Healing from Depression, Addictions, Obesity, Anxiety, Sexual Issues, and Fill Nutritional Needs of Vegetarian and Vegan Diets The Complete Book of Essential Oils and Aromatherapy: Over 800 Natural, Nontoxic, and Fragrant Recipes to Create Health, Beauty, and Safe Home and Work Environments

[Dmca](#)