



Marine Electrical and Electronics Bible: Fully Updated, with New Information on Batteries, Charging Systems, Wiring, Lightning and Corrosion ... GMDSS, GSP, Rada and Much More...

By John C. Payne

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Here at last is the long awaited third edition of the world's most comprehensive electrical and electronics handbook for sailors.

More and more boaters are buying and relying on electronic and electrical devices aboard their boats, but few are aware of proper installation procedures or how to safely troubleshoot these devices if they go on the blink.

Now you can find all the information you need in this one complete handbook. The author has put together a concise, useful and thoroughly practical guide explaining in detail how to select, install, maintain, and troubleshoot all the electrical and electronic systems on a boat.

This new edition is fully updated and contains information on battery capacity, charging systems, wiring, lightning and corrosion protection, radar autopilots, VHF and SSB radios, short-wave communications, GMDSS, GPS, EPIRBs and much more. The book is illustrated with hundreds of informative charts, wiring diagrams and graphs.

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Editorial Review

Review

"Electrical problems are not an inevitable part of cruising and racing. An acceptable level of reliability is possible, and in fact is necessary,' says author John Payne. His *Marine Electrical and Electronics Bible* will help you achieve this reliability with detailed information on selecting, installing, maintaining and troubleshooting all the electrical and electronic systems on your boat. The information is presented in classic textbook style, accompanied by tables, graphs, and wiring diagrams to make the information easy to find and understand. Each chapter is dedicated to a system, which is explained and thoroughly analyzed. This new edition is fully updated to include modern systems and new technologies"--*SAIL (Sail Magazine)*

This new edition is expanded to include advances in marine electronics, including the Internet, email, GMDSS, and updated radio frequencies. The easy-to-follow reference handbook advises, with diagrams, how to select, install, maintain, and troubleshoot onboard electrical or electronic systems. It includes a three-language electrical glossary, a worldwide service directory, and a listing of marine electrical suppliers. (*Cruising World*)

The Marine Electrical and Electronics Bible by John Payne differs from most other treatments of this important topic in its outline format. There's very little theory or long digressions; as Sgt. Friday's sidekick used to say: Just the facts, ma'am. The troubleshooting guides are valuable. Includes AC and DC systems, plus most electronic equipment. A handy reference. (*Practical Sailor*)

Everything a sailor could possibly want to know about marine electronics is here...as a reference book on the subject it is outstanding. (*Classic Boat*)

About the Author

John C. Payne is a professional marine electrical engineer and surveyor, with a career spanning more than 30 years in commercial shipping, the offshore oil industry and yachting. He is a qualified technical writer and has been involved with everything from submarine sonar systems and oil rig operation manuals to military helicopters. Currently he is a commissioning manager for some of the world's largest and most complex offshore oil production and drilling installations. John is the author of nine marine electrical and electronics books and numerous magazine articles. He has built and restored several yachts and lives aboard his own boat. His website is www.fishingboats.com.

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