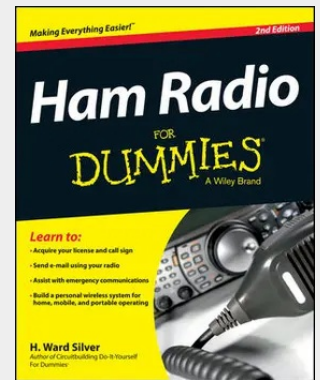


Ham Radio For Dummies

An ideal first step for learning about ham radio Beyond operating wirelessly, today's ham radio operators can transmit data and pictures; use the Internet, laser, and microwave transmitters; and travel to places high and low to make contact. This hands-on beginner guide reflects the operational and technical changes to amateur radio over the past decade and provides you with updated licensing requirements and information, changes in digital communication (such as the Internet, social media, and GPS), and how to use e-mail via radio. * Addresses the critical use of ham radio for replacing downed traditional communications during emergencies or natural disasters * Provides updates to all documentation of the American Radio Relay League * Explains recent changes to picking your own call sign * Places a special emphasis on the major reasons people get into amateur radio: emergency communication, digital communication, and do-it-yourself science * Looks at online mapping and charting of websites Whether you're just getting turned on to ham radio or already have your license, Ham Radio for Dummies, 2nd Edition helps you with the terminology, the technology, and the talknology.

Learn to: * Acquire your license and call sign * Send e-mail using your radio * Assist with emergency communications * Build a personal wireless system for home, mobile, and portable operating Make international friends, train with technology, and assist in emergencies - become a ham! Before there was e-mail or Facebook, there was ham radio - used to talk to people around the globe and to communicate during disasters and emergencies. Hams still come to the rescue, but today they can also transmit images, use the Internet, and take advantage of the most powerful private wireless communications capacity in the world. Ready to join the fun? * Behind the mic - find out what ham radio is all about, explore the technology, and find a group that shares your interests * A ham, I am - join the ranks by preparing for the licensing exam, passing the test, and getting your call sign * Listen first - get a feel for what happens on different bands and learn to tune in a signal on SSB, FM, HF, VHF, and UHF * It's a setup - set up your radio and learn about its many features - memory channels, special filters, hands-free operation, and more * How you operate - learn the difference between casual operating, operating with intent, and operating specialties * You're the stationmaster - find out how to choose equipment, design your ham shack, and set up a station that works * Do good - be ready to help your community in case of an emergency or natural disaster Open the book and find: * The effect of solar and weather conditions on radio waves * Translations of ham lingo * What an FM repeater is and when to use one * All about antennas * How to get your e-mail using the radio * Tips for mastering Morse code * Basic troubleshooting advice * Ten secrets beginner hams should know



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