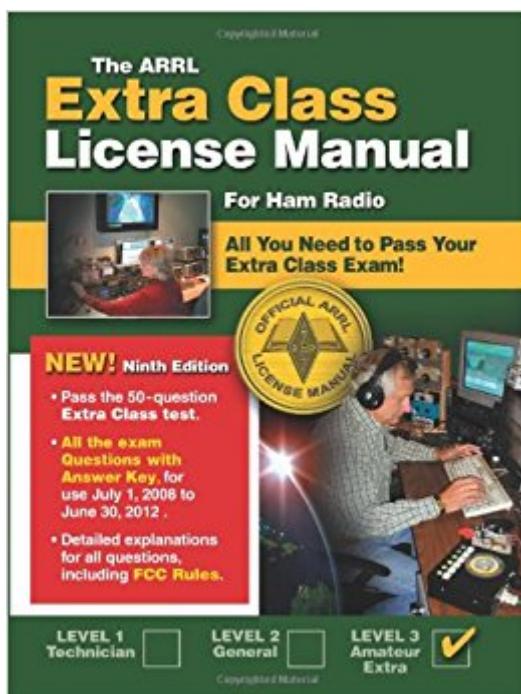


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# The ARRL Extra Class License Manual: For Ham Radio (Arrl Extra Class License Manual For The Radio Amateur)



## **Synopsis**

All You Need To Pass Your Extra Class Exam!Pass the 50-question Extra Class test. All the Exam Questions with Answer Key, for use July 1, 2008 to June 30, 2012. Detailed explanations for all questions, including FCC rules.The ARRL Extra Class License Manual is your ticket to every privilege granted to Amateur Radio Operators. Our expert instruction will lead you through all of the knowledge you need to pass the exam: rules, specific operating skills and more advanced electronics theory.The Extra Class license is the highest of all three US Amateur Radio licenses. To upgrade to Extra Class you must already hold a General Class license (or have recently passed all of the exams required for a General Class license). Upgrading to an Extra license only requires passing a written examination. As an Extra Class licensee, you will have full privileges on all frequencies authorized by the FCC for Amateur Radio.

## **Book Information**

Series: Arrl Extra Class License Manual for the Radio Amateur  
Paperback

Publisher: Amer Radio Relay League; 9 edition (July 1, 2008)

Language: English

ISBN-10: 0872591352

ISBN-13: 978-0872591356

Product Dimensions: 1 x 8 x 10.2 inches

Shipping Weight: 2.4 pounds

Average Customer Review: 4.1 out of 5 stars 92 customer reviews

Best Sellers Rank: #1,307,506 in Books (See Top 100 in Books) #46 in Books > Humor & Entertainment > Radio > Reference #482 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radio #5133 in Books > Education & Teaching > Studying & Workbooks > Study Guides

## **Customer Reviews**

If you want to spend \$25, buy the newer edition of this book, 2012-2016. The FCC's Extra class question pool was updated in 2012. Not all of the exam questions in this book will be the same as those in the current question pool. If you want to save money, buy this outdated edition for \$4 to \$7.28, then DOWNLOAD THE MOST CURRENT QUESTION POOL FOR FREE AT <http://www.arrl.org/question-pools> . The questions might be different, but the theory is exactly the same.I took a nighttime class, in 2009, in a physical classroom to upgrade my amateur radio license

from General to Extra Class. I found out about the class on <http://www.arrl.org/find-an-amateur-radio-license-class>. This was the textbook for the class. Although it's VERY dry reading, with the assistance of our instructor, this book, AND A BASIC ELECTRONICS BOOK, I passed the Extra written exam on my first try :) Some of the other hams weren't so lucky and didn't pass on the first try, but I heard that some of them passed on the second try. I highlighted or underlined important material that the instructor said would be on the exam. You'll need a scientific calculator to solve the math problems in this book and take the exam.

The steps to upgrade to Amateur Extra class license are achievable and worth the time investment. If you want to take the exam with confidence, then using this well-written book as your study guide will help do that. First, some info about the Element 4 exam to upgrade from General to Extra class. The exam consists of 50 multiple choice questions that are selected from the officially released pool (effectivity July 2008) of over 738 questions (with answer key). At least 37 questions must be answered correctly to pass. The exam is administered by a team of volunteer examiners who are themselves Amateur Extra Class radio operators. So, what makes this book the study guide to own? The chapters are organized by topics that align with the sub-elements in the exam and provide the much needed technical context and background for all the questions. At this licensing level, the numerous schematics, diagrams and plots help significantly with the learning. Learning the technical topics for Amateur Extra requires much more math skills, electronics background and technical RF knowledge than General class. Nearly 3/4 of the study guide is devoted to this technical context and background material that promotes understanding and minimizes memorization. The last 1/4 of this study guide lists the entire Element 4 question pool of 738 questions, also organized by sub-element. I was able to work off each chapter and its related questions one sub-element at a time during my spare time over the course of about six weeks. This is the book (previous edition) I used to study and pass the Amateur Extra Class license exam. I didn't need to use any other books, CDs, or online practice quizzes. As such, I definitely recommend this study guide. CQ CQ CQ DE K7CRC K7CRC K7CRC K

Great book. I spent many many months in this book as well as being buried deep in many other excellent resources. I studied the material, not the answers. The material in this book contains the essentials to pass the exam. Once you pass the extra, read, read, read and let the learning continue. As with all ARRL license books, the second or third chapter slams you with the math. Go over the material then continue past to the following chapters. After you have the grasp, revert back

to those tough chapters. You will succeed using this book as your foundation. Tech 100%, General 100%, Extra, -1 wrong. I now study and read more on a daily basis long after passing the exam. Your extra license grants you the key enabling you to enter the entire library resource of radio. 73 catch you on the air!

Good preparation for the test.

I purchased this book while I was studying for the Technician and General Class Ham license exams because I was so impressed by the content of the manuals that the ARRL had published as study aids for those two exams. I was not disappointed. The Extra Class manual covers much of the same ground as the other two but with considerably more depth. The format is very similar and includes the complete list of questions from the Extra Class exam question pool. Each question contains a reference to the page that contains information to help answer the question. Despite the technical depth, however, the material is concise, well organized and easy to read. Although I had not initially intended to take the Extra Class exam, after going through this manual and trying a few on-line Extra Class practice exams, I thought "why not?". Turned out that I was able to pass all three exams on the same day. I can definitely recommend this manual for anyone who wants to take the Extra Class exam, but in any case it is also a nice reference book.

Pay attention to the Edition! I wish I did. This is the 8th edition, as of right now the current edition is 10th. So the test questions are out of date. I suspect much of the material is still valid, have only skimmed it so far, but I am not sure how useful it will be in studying for the current test. I gave it only 3 stars because it is out of date.

Delivery met my expectations; the product did not. The book was published in 2008 and is a study aid for a ham radio exam set that expired in 2012. It would have been nice if this information had been part of the product description. This book is not the current study guide. Buy directly from ARRL in the future.

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