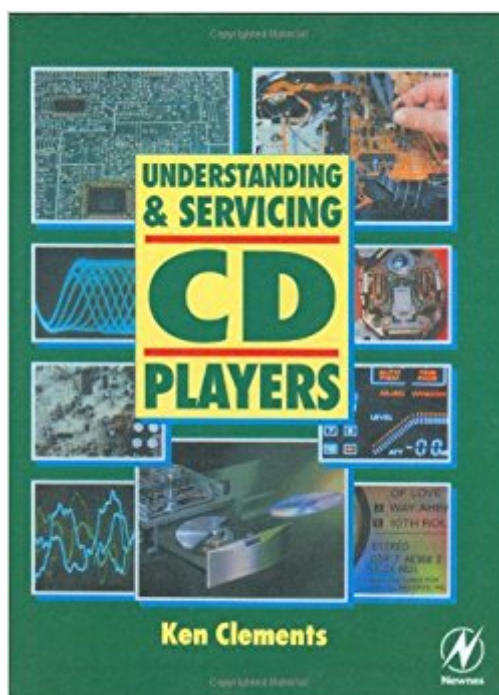


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# Understanding And Servicing CD Players



## Synopsis

Written specifically with service technicians and engineers in mind, this book is designed as a bench-side companion and guide to the principles involved in repairing and adjusting CD players. Engineers will find this a helpful companion to the various service manuals. The text takes a problem solving approach with numerous examples, circuit diagrams and line drawings. Engineers who need to achieve a better understanding of CD technology will find this book an essential tool for fault diagnosis, adjustment and repair. This book not only covers the mechanical design but also the integrated circuits within a CD player. It is written for immediate application and is well illustrated, so it should become a welcome addition to the rack of tools available to the service engineer. Ken Clements has extensive experience of the service industry both as a service manager and later in technical training with Sony and Pioneer. It is his hands-on knowledge that makes the book so valuable, not only as a wide-ranging reference but also as a benchtop manual to be kept within reach at all times when working with CD players.

## Book Information

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## Customer Reviews

'The author has extensive experience of the service industry both as a service manager and later in technical training with Sony and Pioneer. He suggests that the CD player is not the beast that it may appear to be, and that the right approach may help to eliminate problems. His hands-on knowledge shines through in this publication, making it a useful reference book.'

Electrotechnology

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essential tool for fault diagnosis, adjustment, and repair. This book not only covers the mechanical design but also the integrated circuits within a CD player. It is written for immediate application and is well illustrated, so it should become a welcome addition to the rack of tools available to the service engineer. Ken Clements has extensive experience of the service industry both as a service manager and later in technical training with Sony and Pioneer. It is his hands-on knowledge that makes the book so valuable, not only as a wide-ranging reference but also as a benchtop manual to be kept within reach at all times when working with CD players.

This is a great book. I bought it because I needed to learn about optical pick ups and this book is very explanatory. Even though the book was issued in 1994 the laser pick ups haven't changed much. I had it in my watch list for about two months priced for \$72 then I was lucky when someone was selling it for \$27, I bought right away. I recommend it !!

There is no substitute for practice as any doctor or lawyer will tell you. The same goes for CD player repairing. With functions highly dependent on micro-controller chips, trouble-shooting a CD player is mostly black box guesswork. Manufacturers' service manuals, if available, usually do not provide test requirements to expedite fault isolation. This book can be read two ways, "it's too complicated for me to get involved," or, "just as I thought, I had to pay to find out what I suspected already, there ain't much help out there." Welcome to the world of throw-away products. Consumer electronics is now so dependent on jealously guarded intellectual property rights the consumption rate has reached epic proportions - so much for building a green economy. This book is more for the curious than for the serious audio repair technician.

Clear concise explanations with a complete overview of the basics of the technology.

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