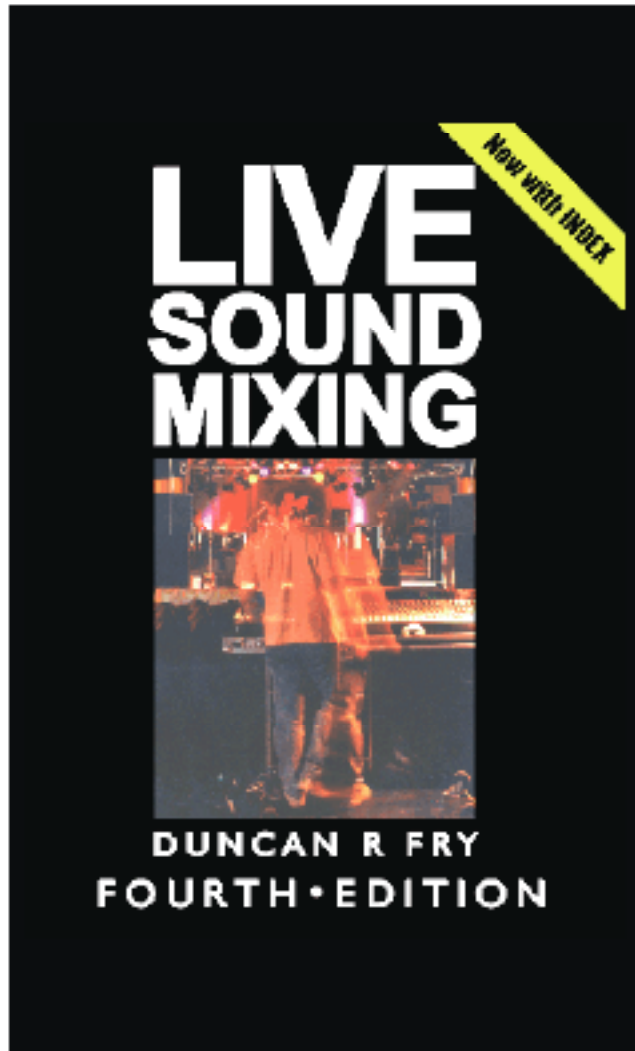




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Welcome to **DUNKWORLD**™

Home of Duncan Fry's **LIVE SOUND MIXING** book



LIVE SOUND MIXING FOURTH EDITION

It's Here ... the fully updated new Fourth Edition!

*You can learn Live Sound Mixing for bands, churches, solo artists and more from this unique and best-selling hands-on book, now in its **Fourth Edition***

Bigger, fatter, completely revised and updated, with more words, more pix, more info, and still a whole lot of fun!

Everything you need to know, and nothing that you don't, written in a user-friendly manner that anyone can understand

"Without a doubt the best Live Sound book available today"

-
- [About the LIVE SOUND MIXING Book](#)
 - [What's in the book? Chapter by Chapter info](#)
 - [Click Here](#) to see some sample pages from the book
 - Like to [Read what others have said about the book](#)
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Old Dunk's 'Tales From the Road'

"...He rushed up to the lead vocal microphone, put his mouth around it and started to say "Check, mon..." in his strongest Trenchtown accent. A crackling sound ripped through the PA, his dreadlocks stood on end, and he leaped away from the microphone as if he'd been hit in the forehead with a sledgehammer."

From [High Voltage Rock and Roll](#)
[Click Here](#) to read more

[More Geoff Crozier info just added](#)

Car Stories and Other Stuff



"...WHAM! The next thing I remember was standing by the back half of the car, heaving my guts out in the gutter. The front half of the car was some distance away. If I'd slid a couple of feet further before we hit, my legs would have been up there with it!"

From [The Great Concrete Truck Disaster of '77](#)
[Click Here](#) to read more. New Stories just added!

[The Car Name Acronyms Page](#) - What do those car names REALLY mean?

MP3

Music Downloads

- [Music from Geoff Crozier's Live shows](#)
- [Tunes specially commissioned for Dean Banks' last show on 3AW](#)
- [Intro Tunes from Melbourne's Rumour File program on 3AW](#)

space

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LIVE SOUND MIXING

www.dunkworld.com

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You CAN learn how to mix from a book - as long as it's THIS book!

People used to say "Ah, you can't learn how to mix from a book!"

Wrong! Now there's **LIVE SOUND MIXING**.

LIVE SOUND MIXING is the first book to show you just how to pull a great sound out of a PA system. I survived many years on the Live Sound trail, and I've put together an easy-to-read 'hands on' manual that no beginning Live Sound engineer should be without.

Now in its *Fourth* edition, and updated to include even more topics, **LIVE SOUND MIXING** is jam packed with useful information, diagrams, helpful hints and explanations — from the basic principles of how a PA system works through to trouble shooting when it doesn't!

Relax...this is NOT a technical book - it's an easy-to-read 'hands on' manual

This is *not* a technical book. Technical books can often be so intimidating that you are reluctant to risk twiddling a knob in case it's the wrong one. Well, this book is not one of those. If you have an ear for music, then this book will show you how to link those ears to your fingers, and pull a good live sound out of any PA system.

Forget about endless pages of boring acoustic theory; who wants to get bogged down reading that? Not me! Instead this book tells you exactly what each knob does, why, and when to turn it. There are examples of just about every type of equipment you're likely to come across, as well as sections on:

Equalizers and equalizing

This section goes into detail about Graphic and Parametric equalizers and how to get them to work best for you. There is also an in depth section on setting up the room EQ with suggested techniques - some basic, some advanced, but all useful.

Mixing console layout and gain structure

Different console layouts, both analog and digital, what each knob does, and why it does it, what to watch out for - these are just some of the areas covered. Also included are suggested layouts for channels, groups, and monitor consoles, and gain starting points.

How to run the soundcheck

How to keep on top of things during the soundcheck, and to stop the band using it as a full on rehearsal!

How to get the monitors happening

How to get the maximum from your stage monitors, where to start and things to watch out for. It covers how and what to EQ, what to leave in, what to leave out.

<p><i>Effects units, from tape echo through to digital reverbs</i></p>	<p>From tape echo units and spring reverbs through to digital technology, it's all in here. Although I've tried not to be too product specific, various industry standard units are covered, and each has a 'How to get it to Work' section.</p>
<p><i>How speaker processors work</i></p>	<p>Nearly all speaker systems these days have some sort of controller or processor to keep things under control while still sounding good. This section tells you how they work and how they affect your job.</p>
<p><i>Putting the mix together</i></p>	<p>Once it's all been put together and checked, we go deeply into how it should sound, what should be loudest, what to listen for, where things can go wrong, plus how to cope with solo artists, the band's girl and boyfriends, the audience and more.</p>
<p><i>What to do when there's no time for a soundcheck!</i></p>	<p>Everyone's worst nightmare. The truck broke down, you got lost, whatever! But the show must go on - especially if you want to get paid. The book walks you through a complete setup and non-soundcheck survival guide that should have something recognizable coming out of the speakers at the end of it!</p>
<p><i>...and lots more.</i></p>	<p>Crossovers, compressors, gates, delay stacks, Balanced cables, even a section on basic soldering 101! This book has got the lot, and it's great fun to read as well</p>
	<p>If you want to get into mixing Live Sound, and don't know where to start, or if you're already doing some mixing but feel you could use a little help, then LIVE SOUND MIXING is the book for you.</p> <p>Used as a text book by Live Sound courses everywhere, LIVE SOUND MIXING - Fourth Edition is available Worldwide from selected distributors, or you can order direct by going to the Buy the Book page</p>

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LIVE SOUND MIXING

DUNCAN R. FAY
FOURTH EDITION

LIVE SOUND MIXING

www.dunkworld.com

What's In the Book - Chapter by Chapter

<i>Chapter 1</i>	Basic Principles - What is a PA system? - Examples of different levels of production, from small vocal only up to big touring systems
<i>Chapter 2</i>	Mixers - What they are - How they work - What each of those knobs does - How things plug into them - Analog vs Digital, what's the difference?
<i>Chapter 3</i>	Equalizers - Graphics and Parametrics - What they are - What they do - How you set them up
<i>Chapter 4</i>	Cables and Connectors - How to coil up a lead - What goes where - Shielded and unshielded - XLRs and jacks and more
<i>Chapter 5</i>	Microphones - What types are there - What they do - Where they go - Wireless mics - Direct boxes
<i>Chapter 6</i>	Effects - Tape echo - Digital delays - Spring Reverbs - Digital Reverbs - How to connect them up - What to use and where - Delay Stacks
<i>Chapter 7</i>	Signal Processors - Dynamics control - What is a compressor? - A limiter? - A noise gate? - An exciter? - Where they go - What the metering is telling you - How you set them up
<i>Chapter 8</i>	Crossovers - What do they do - Why we need them - Examples of different types - What Speaker Processors and Controllers actually do - How to set crossovers up
<i>Chapter 9</i>	Amplifiers - Typical features - What watts are what? - Where they go - How to look after them - Impedance matching to multiple speakers - Troubleshooting
<i>Chapter 10</i>	Speakers - Cone drivers - Compression Drivers - How they work - Horns - Cabinets - Stacking them up - What is Phase - SPL and distance - Line Arrays explained
<i>Chapter 11</i>	Monitors - Why we need them - What they do - How you set them up - Feedback - Monitor mixing - In-Ear monitors explained
<i>Chapter 12</i>	Setting Up - Unpacking the truck - What goes where - Plugging it all up - Labelling the console for different layouts - Handling soundchecks - Channel by Channel setup guide - Using smaller systems - Packing up - Respecting AC power - Fools Guide to Fuse Replacement
<i>Chapter 13</i>	Mixing - Pulling the mix together - What sounds good, what sounds bad, how to tell the difference - Recording the gig - Mixing Solo Artists, Corporate events, Rappers, Awards nights, Theatre shows and more - Handling advice from the audience
<i>Chapter 14</i>	Problems - Getting the monitors louder - Instruments overpowering the vocals - The drummer sings! - Emergencies - 'No time for a soundcheck' survival guide!

<i>Chapter 15</i>	Appendix - What to keep in your case - Hearing protection - Connector soldering 101 - Stage layouts - PA riders - Channel marker sheets - Connector wiring schemes - Rules for singers
<i>Chapter 16</i>	Technical Stuff - Although this is very much a hands-on book, it's used all around the world as a textbook for Live Sound classes. So this is a basic list and explanation of words and concepts you'll need to know if you're studying for these courses
<i>Chapter 17</i>	Final words - Other books you can read - and at long last, an <i>Index</i> !

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Read what others have said about **LIVE SOUND MIXING**

OK, so you don't take my word for it - I admit I'm a little biased! But lots of people have said very nice things about the book - here are a few extracts from emails and other communications.
I promise I didn't write them myself!

Hi Duncan,

I'm writing to let you know that your book "Live Sound Mixing" has been heaven sent for me. I only entered this gig about a year ago and your "no theory" "just wanna know what the knobs do and when to turn it" has helped HEAPS.

DH

Giddy from Dallas Texas,

I have purchased your book and love it. Thank god someone came up with and easy readable way to do things. Brilliant mate, brilliant.

WN

Hi Duncan.

I hope your book is doing really well, because every time I sit down and read some more of it, I am so happy I found it. Everything else is so dry...you know the typical non-musical approach. I have some pretty sharp kids and I know they'll really get it.

Thanks again.

JR

I was given the book by a mate who's been in the audio industry for ages and wanted me to read it, to get a better understanding.

All I can say is this: it's great!! I loved it, it's so easy to understand, but not completely brain dead! It was perfect!

So 10/10 for it! Thanks Heaps, now I recommend your book to people that I help out!

JS

Hi Duncan,

Just a brief note to congratulate you on your excellent text ' Live Sound mixing ' .

I have read all the weay through it and found it excellent.

Very educational.

Thanks, GM

Fantastic book Duncan, well done; I have never seen or read a book that explains so simply the workings and principles of sound engineering.

I couldn't put it down!

I have been doing some things the same way for years not knowing why, only that "that's the way it's done" or "that's the way I was originally shown."

Congratulations - I reckon it's better than any Stephen King best seller!

PG

"Hi Duncan, I just wanted to write and commend you for your excellent book, *Live Sound Mixing*.

I am a soundman at my church, and we run what I guess you would call a small to medium sized system. For a couple of years I've been looking for courses I can go on or books I can read to up my skill level. Your book was great. As a 'layman' (I'm a banker by day, soundman by night!) it made what I thought were difficult and complicated ideas, easy to understand. Our music team at church has never sounded better. We've got some amazing musos and it's gratifying for me when the people on Sunday hear them rocking out and I know that I helped build a great sound.

I think what is so good about your book is that it skips over the hard core physics stuff I've seen in other books but still tells you enough so that you're not left with major gaps in your knowledge. Also most of the courses and books I've seen have been about recording music - something we aren't doing yet whereas your book covers the grass roots of putting a P.A. together and stuff like that.

Once again, thanks for a great book. It's a big help and I'm sure a lot of other people think so as well.

All the best

G M

"Just a short note to say how helpful your book "*Live Sound Mixing*" has been. As a working musician I had a lot of gaps in my sound engineering education that you have helped to iron out. I've just got to remember it all now!

cheers

T B

"You're a champ, dude. You wrote a sick book and it does make it easier. It's exactly the book I needed, so I thought I'd ring and give you the lowdown on your good job.

Thanks a lot, dude"

Message left on my answering machine!

"By the way, I bought it in November and have used it regularly ever since. I mix for a weekend rock band (weddings/parties etc).

It is a GREAT book! Thanks for writing it."

A B

And from the Blue Room online forum:

"...another excellent read for people into mixing is LIVE SOUND MIXING by DUNCAN R FRY. published by Dunkworld Publications, ISBN number 0 646 11235 X. No disrespect meant, as I classify myself amongst this group, but it really is "sound mixing for dummies", very clear on all aspects. (I got my copy through the PLASA bookshop)

"This is a great practical book about sound written by someone who has been doing it for years. Also the idiots guide to fuse replacement that it contains is very funny as well.

"On a side note the 'Tales from the Road' section of his website is well worth a look."

Peter

These are real emails from real people - I didn't write them myself! There are lots more but this should give you an idea of how useful people find the book.

...Duncan

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