

# PRACTICAL WIRELESS INDEX VOLUME 74 JANUARY TO DECEMBER 1998

	Part	Pg/Mth
<b>Antennas In Action</b>		
Antenna Workshop - A Support For A Quarter-wave Vertical Antenna. D Pascoe G0BPS		72 Oct
Antenna Workshop - Discone Antennas Ray Fautley G3ASG		52 March
Antenna Workshop - Fresh Look At The W3EDP Nine Band Antenna. John Heys G3BDQ		34 May
Antenna Workshop - Gap Titan DX Multi-Band Vertical Antenna. David Butler G4ASR		34 July
Antenna Workshop - Going To Ground. John Heys G3BDQ		42 Nov
Antenna Workshop - How to Design a t.u.s on the L-Network. G Stancey G3MCK		42 Dec
Antenna Workshop - Is That Coax Any Good? Gerald Stancey G3MCK		52 June
Antenna Workshop - Mast For Single-Handed Raising/Lifting. Peter McNally EI9GT		46 Aug
Antenna Workshop - Old Antennas That Still Work Well. Dick Pascoe G0BPS		58 April
Antenna Workshop - Pi-Matching. Ray Fautley G3ASG		24 Sept
Antenna Workshop - Surplus Satellite Dish for the Amateur Bands. David Butler G4ASR		38 Jan

## Antenna News/Products/Intro

35 Jan, 51 Mar, 33 May, 33 July, 23 Sept, 41 Nov.

## Tex Topics

44 Jan, 57 Mar, 39 May, 40 July, 30 Sept, 45 Nov.

## Antenna Features

DX Buster Antenna by Roy Ratcliffe GW3KZW	28 Sept
Filters - Cutting The Edge by Ed Wetherhold W3NQ	36 July
Making Waves by C. Bryan Wells G3MND	36 Dec
Mighty Wide Dipole by Brian Smith G0IER	44 Nov
Summer's Here - Antenna Weather-Proofing by Billy Williamson GM8MMA	58 July
SWR - The Myths Minimised by Paul Essery	54 March
The VFL-FFL Antenna For 73kHz by Richard Q Marris G2BZQ (Project)	37 Feb
Up The Ladder - Again by Allan Wightman	40 Jan
Vertical Or Horizontal by Dick Bird G4ZU/F6IDC	36 May

## Book Reviews

Basic Radio by Ian Poole	16 April
CQ-GT2M by Ross Bradshaw	14 August
Faster Than The Wind by Frank Large	12 Sept
Recent Rigs And Receivers by Dave Morgan GW4KYZ	12 August

## Constructional

A Morse Practice Oscillator by David McBright	42 Oct
An Experimental Variometer by Dennis Wood G3EAY	44 Dec
Don't Miss Out On Ten FM by Patrick Walton M1BNH	48 April
On Guard With A Photo-Electric Sentry by John Brown G4UBB	42 March
Safer Soldering by Walter Farrar G3ESP	56 July
The Droitwich Chronicles - The GW8DUP Edition by Ron Harris GW8DUP	36 Oct
The GDP-430 Hand-Held UHF Transceiver by Geoff Pike G1OGDP	Part 2 48 May
The GDP-430 Hand-Held UHF Transceiver by Geoff Pike G1OGDP	Part 3 45 June
Top Band Tourer Revisited by John Hoban G3EGC	29 June
What A Good Idea - a selection of reader's good ideas	29 Feb

## Errors & Updates

On Guard With A P/E Cell & Carrying On The Practical Way	80 April
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## Features

1998 Results Of The Practical Wireless QRP Contest by Neill Taylor G4HLX	20 Nov
A DXpedition To Les Minquiers by Phil Whitchurch G3SWH	64 April
Amateur Radio In China by Phil Whitchurch G3SWH	63 Dec
Amateur Radio - The First 100 Years by Rob Micklewright G3MYM	20 Jan
Callsign Number Plates by Roger Hall G4TNT	20 Oct
Coping With QRM by John Worthington GW3COI	52 Feb
Ground Level Communications by Roger Laphorn G3XBM	58 August
Guide To Digital Radio	27 April
Index 98	84 Dec
International Global Wireless Link-Up by Ben Clegg G7RER	48 Nov
Lundy Island - A Beautiful Place And Radio's Allowed Too! by Colin Blum G0IFM	56 August
LY96BDX - A Great Radio Holiday by John Podvoiskis G0NPI/LY1GI	44 May
Mykonos Revisited by Phil Whitchurch G3SWH	30 Feb
RAE Courses Round-Up	20 Sept

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Rally Origins by John Worthington GW3COI		64 August
Readership Survey		41 Sept
So Thank You Mr Marconi, Grandad, Clive & The Vicar by Peter Norman G0PKS		34 Sept
Taking A Peep - At The DX Cluster by John Heys G3BDQ		48 Feb
The 16th Annual Practical Wireless QRP Contest Rules by Neill Taylor G4HLX		38 June
The Digital Debate		25 April
The Story Of A Novice by Mark Haynes 2E0APH		50 Dec
To Be The Best by Patrick Allely GW3KJW		60 April
Your Ticket To Success - Round-Up Of RAE Courses		20 Sept

## Features (Vintage)

A Century Of Amateur Radio Equipment by Phil Cadman G4JCP	25 May
Codename GEE by Brian Kendal	24 July
Daventry Experiment by Brian Kendal	54 April
In War & Peace by John Worthington GW3COI	18 May
Operating Abroad by Bruce Muscolino W6TOY	48 Sept
Over The Atlantic on 2m by Godfrey Hands PA3EUS	32 June
Poldhu Cradle of DX by L.D. Davey-Thomas G3AGA	58 Dec
Television Nostalgia by Larry Coalston G7TDJ	54 Nov
The A41 VHF Manpack Transceiver by Ben Nock G4BXD	22 Jan
The Coherer by Charles Miller	56 Dec
The Harwell Box by Ben Nock G4BXD	64 Oct
Walter's Wireless World by Walter Farrar	50 Feb
Wireless Comes To Britain by Ron Ponting	34 March

## Reviews

Alinco DJ-C5E Dual-Band Hand-Held by Dick Pascoe G0BPS	38 Sept
Alinco DX-77 by Rob Mannion G3XFD	20 May
Garmin GPS111 by David Butler G4ASR	20 March
Hora C408 430MHz Transceiver by Dick Pascoe G0BPS	30 May
Icom IC-746 HF & VHF Transceiver by Richard Newton G0RSN	32 Nov
Icom IC-Q7E Hand-Held by Richard Newton G0RSN	24 Aug
Icom IC-T8 Tri-band Hand-Held by Richard Newton G0RSN	37 April
Kachina 505 DSP HF transceiver by Roger Cooke G3LDI	34 Feb
Kenwood TH-G71E Dual-Band Hand-Held Transceiver by Richard Newton G0RSN	52 Jan
Kenwood TM-G707E Dual-Band Mobile Transceiver by Richard Newton G0RSN	32 June
Kenwood TS-5700G by Rob Mannion G3XFD	60 Nov
MFJ Loop Antenna by John Goodall G0SKR	40 Dec
MFJ Versa Tuner II by John Goodall G0SKR	24 Nov
MFJ-1026 Noise Cancelling Signal Enhancer by Jack King G4EMC	56 Sept
MFJ-2598 Antenna Analyser by Tex Swann G1TEX	40 Oct
Pro-Am antennas and the MM-3401 magnetic mount by Rob Mannion G3XFD	30 Oct
RCF570 software for use with Kenwood TS-5700 by Roger Cooke G0RSN	45 July
SGC SG-230 a.a.t.u. by Richard Newton G0RSN	18 July
SGC-2020 HF Transceiver by Rob Mannion G3XFD	49 Aug
Ten-Tec Kits: 1251 and 1202 by Clive Hardy G4SLU	33 Aug
Timewave DSP-599ZX Audio Filter by Rob Mannion G3XFD	28 Jan
Yaesu VX-1 Dual-Band Hand-Held by Richard Newton G0RSN	31 March

## Show Guides... Show Guides... Show Guides...

### The London Amateur Radio & Computer Show

Bring & Buy - Rob G3XFD's Tips To Good Buying	49 March
Floor Plan	46 March
PW Special Offers Available At The London Show	48 March
Show News	44 March

### The Leicester Amateur Radio & Computer Show

Floor Plan	50 Nov
How To Find It	53 Nov
Leicester 1998 - We'll See You There! By Rob Mannion G3XFD	52 Nov
Show News	47 Nov

## Theory

Antenna in Action - SWR - The Myths Minimised by Paul Essery GW3KFE	54 March
Antennas in Action - Filters - Cutting The Edge by Ed Wetherhold	36 July
Batteryless Calculators? Looking At The Slide Rule by Ray Fautley G3ASG	23 Feb
Canny Cavities by Harry Lythall G4VVJ	56 Jan
Duped By A DVM by Ken Lee Rand	52 August



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	Part	Pg/Mth
Sources, 'Sinks' And Electromotive Forces by Geoff Billington G3EAE		45 Sept
Supercharged Receivers by Chris Macleod GM6TYX		52 July

## Regulars

### Aussie Oracle

66 June, 72 Sept, 80 Dec.

### Bargain Basement

70 Feb, 83 Mar, 84 April, 76 May, 75 June, 76 July, 76 Aug, 75 Sept, 92 Oct, 68 Nov, 72 Dec.

### Bits & Bites/Radio 'Scape by Mike Richards G4WNC

56 Feb, 73 Mar, 74 April, 71 May, 71 June, 73 July, 72 Aug, 71 Sept, 89 Oct, 66 Nov.

### Book Profiles

42 Feb, 28 Mar, 44 April, 58 May, 54 June, 30 July, 40 Aug, 54 Sept, 62 Oct, 56 Nov, 48 Dec.

### Broadcast by Peter Shore

66 Feb, 76 Mar, 79 April, 73 May, 73 June, 74 July, 75 Aug, 74 Sept, 91 Oct, 67 Nov, 83 Dec.

### Carrying On The Practical Way by George Dobbs G3RJV

44 Feb, 38 Mar, 66 April, 55 May, 57 June, 48 July, 44 Aug, 52 Sept, 70 Oct, 29 Nov, 30 Dec.

## Club Spotlight

12 Jan, 12 Feb, 16 Mar, 20 April, 14 May, 14 June, 14 July

## Competitions

Garmin GPS Competition	41 April
Stripboard Magic computer program Competition	64 May
Subscribe & Win	17 April
Yaesu VX-1R worth £269 Competition	53 April

## Data Diary/Data 'Scape

74 Jan, 75 March, 78 Dec.

## Editor's Keylines

by Rob Mannion G3XFD	7 Jan.
7 Feb, 11 Mar, 11 April, 9 May, 9 June, 9 July, 9 Aug, 9 Sept, 9 Oct, 9 Nov, 9 Dec.	

## Electronics in Action

18 Feb, 33 April, 23 June, 29 Aug, 57 Oct, 67 Dec

## Focal Point

by Graham Hankins G8EMX

67 Feb, 78 April, 70 June, 74 Aug, 86 Oct, 82 Dec.

## Free Gifts

HF Band Plan Card	Nov
The Practical Wireless 1998 Year Planner	Jan
VHF Band Plan Card	Dec
Waters & Stanton 16-page Radio Communications Catalogue	Nov

## HF Far & Wide

by Leighton Smart GW0LBI

64 Jan, 64 Feb, 71 Mar, 74 April, 70 May, 69 June, 70 July, 71 Aug, 69 Sept, 85 Oct, 64 Nov, 77 Dec.

## News '98

10 Jan, 10 Feb, 14 Mar, 14 April, 12 May, 12 June, 12 July, 12 Aug, 12 Sept, 14 Oct, 12 Nov, 12 Dec.

## PW Book Store

80 Jan, 68 Feb, 88 Mar, 88 April, 80 May, 80 June, 80 July, 80 Aug, 80 Sept, 96 Oct, 72 Nov, 88 Dec.

## Radio Diary

58 Jan, 51 Feb, 62 Mar, 16 April, 60 May, 19 June, 61 July, 65 Aug, 47 Sept, 26 Oct, 36 Nov, 29 Dec.

## Radio - Discover The Basics/Radio Basics

by Rob Mannion G3XFD

16 Jan, 27 Mar, 22 April, 16 May, 16 June, 16 July, 17 Aug, 17 Sept, 17 Oct, 14 Nov, 22 Dec

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## Receiving You/Letters

8 Jan, 8 Feb, 12 Mar, 12 April, 10 May, 10 June, 10 July, 10 Aug, 10 Sept, 10 Oct, 10 Nov, 10 Dec.

## Scene USA

by Ed Taylor WT3U

70 Jan, 76 April, 71 July, 87 Oct.

## Special Offers

AG2601 Audio Generator & SG4160 RF Signal Generator	28 August
Hora C408	19 Dec
Kenwood Oscilloscopes	27 June
Kenwood Power Supplies	24 May
MFJ-259B Antenna Analyser	13 Oct
Motion Picture 1040-24 & PIC Pocket 1040-24	15 Feb
Temperature Controlled Soldering Units from Vann Draper	61 Oct
The Electronics Principles 5.0 software package	27 July

## Special Prize Competitions

RIAT Competition	20 June
Ten-Tec 1251 & 1202 Competition	13 Oct

## Star Buy/Book Of The Month

An RAF Students Notebook	96 Oct
Marine VHF Operations by Michael Gale	72 Nov
Practical Wireless Binders	88 April
Practical Wireless Binders	88 Dec
Radio Amateur Call Book CDROM International & North American Listings	80 Sept
Radio Data Code Manual 15th Edition	80 June
Seeing By Wireless	80 July
The ARRL Handbook For Radio Amateurs	74 Feb
The UK scanning Directory Sixth Edition	80 May
The UK Scanning Directory Sixth Edition	82 Jan
Understanding Basic Electronics	80 August
World Radio TV Handbook 51st Edition	88 March

## Valve & Vintage

by Ben Nock G4BXD

54 Feb, 62 May, 62 Aug, 17 Nov.

## Valve & Vintage

by Charles Miller

61 Jan, 70 April, 62 July, 75 Oct.

## Valve & Vintage

by Phil Cadman G4JCP

66 Mar, 62 June, 62 Sept, 52 Dec.

## VHF Report

by David Butler G4ASR

68 Jan, 62 Feb, 69 Mar, 72 April, 68 May, 67 June, 68 July, 69 Aug, 67 Sept, 83 Oct, 62 Nov, 75 Dec.

## What Is A ....?

by Ian Poole G3YWX

Gunn Diode	18 June
IMPATT Diode	20 Aug
LED	42 April
Pin Diode	16 Feb
Tunnel Diode	25 Oct
Bipolar Transistor	20 Dec

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