

# Practical Wireless

## Volume 81 January to December 2005

# Index 2005

— Index of Antenna, Features, Practical Projects, Reviews & Theory articles —

### Antenna Features/Projects

	Page/Month
Adding Top band to the Inverted-L Antenna by Len Paget GM0ONX .....	38 Jan
Multi-Band Antenna by Colyn Baillie-Searle GD4EIP .....	34 July
The W3EDP Antenna Revisited by Vince Lear G3TKN/ZL1VL .....	40 Aug
Two Band Dipole System by Pete Miller G4AAW .....	28 May

### Antenna Workshop

A Compact Quad for the HF Bands by Len Paget GM0ONX .....	18 Apr
A Lightweight Balun-fed Dipole by Stefan Niewiadomski .....	30 Mar
A Short Helically Wound Dipole for 7MHz by John Heys G3BDQ .....	34 May
A Tuneable RF Field Strength Meter by Peter Dodd G3LDI .....	32 Dec
A WA5VJB Yagi Antenna for 430MHz by David Butler G4ASR .....	36 Jan
Antenna Farming - Securing The Masts and Antennas by Roger Cooke G3LDI .....	50 Aug
Feeder - Conveying the Power Between Rig & Antenna by Peter Dodd G3LDO .....	42 June
Guitar Quad-Loop Beam for 144MHz by John Heys G3BDQ .....	44 Nov
Rescuing the Antenna Aimer by Steve Mahony VK5AIM .....	48 Feb
Stacking & Baying Yagi Antennas by David Butler G4ASR .....	50 July
The Windom - Myth or Magic Antenna? by Martti Nissinen OH4NV .....	38 Oct

### Classic Projects

A 144MHz VSWR Bridge by John Hoban G3EGC .....	31 Apr
A Practical 144MHz FM Transmitter by Dr W H Bond G3XGP .....	44 Feb
A Simple Four Metre Transmitter by Frank Rayer G3OGR .....	33 Mar
A Useful FM Multitester .....	38 July
Building a UHF Wavemeter by R. Longden .....	46 Jan
The PW Avon by Brian Philips G8FWM .....	33 Aug

### Constructional/Practical Projects

Home-Brewed PCBs! by Duncan Westland M0DJW .....	39 Sep
Make a MicroHenry Meter by Walter Farrar G3ESP .....	21 May
Multi-Voltage Power Supply by Stefan Niewiadomski .....	38 Apr
PW Two Tone Oscillator by Tony Nailer G4CFY .....	24 Feb
Sutton Project - The Mallet Transmitter by Tim Walford G3PCJ .....	Part 2 30 June
Sutton Project - The Montis Phone Transmitter by Tim Walford G3PCJ .....	Part 3 30 July
Sutton Receiver by Tim Walford G3PCJ .....	24 May
The PW Mellstock 70MHz 1W AM Transmitter by Tony Nailer G4CFY .....	Part 1 24 Sep
The PW Mellstock 70MHz 1W AM Transmitter by Tony Nailer G4CFY .....	Part 2 30 Oct
The PW Mellstock 70MHz Receiver by Tony Nailer G4CFY .....	36 Nov

### Errors & Updates

Doing It By Design Jan 2005 by Tony Nailer .....	15 Feb
--	--------

### Features

Amateur Radio in Sweden by Henryk Kotowski SM0JHF .....	38 June
Before Yaesu, Trio & Icom by Ben Nock G4BXD .....	42 Oct
Dayton Delights .....	31 Aug
Didn't We Have a Lovely Time... by Peter Lewis G4VFG .....	40 Oct
Don't Create an Electromagnetic Disturbance! - Interference, TVI and all those problems! by Stan Brown G4LU .....	20 Dec
Enjoying Amateur Radio on the Greek Island of Lesbos by Henryk Kotowski SM0JHF .....	38 Mar
Finding Those Vital Bits & Pieces by Rob Mannion G3XFD .....	34 Apr
Fred Judd G2BCX - A Life in Radio & Electronics by Freda Judd .....	24 Jan

Fun with Fones by Rob Mannion G3XFD.....	30 Dec
Heritage & History - It's there to be discovered by Rob Mannion G3XFD.....	29 Sep
Heritage & History - Rugby & Clifden by Stan Brown G4LU & John Corless EI7IQ.....	26 Oct
Looking at Two Metre History by John Sketch GW3DDY.....	28 Feb
Operating Out & About - The Newton Experience by Richard Newton G0RSN.....	24 Aug
Remembering the RAF TRI 196 Transceiver by Trevor Sanderson G4OEY.....	46 Dec
Setting up your Workshop - Specialist Component Sourcing by Rob Mannion G3XFD.....	34 Apr
The 22nd Annual PW 144MHz QRP Contest Rules by Neill Taylor G4HLX.....	22 June
The Practical Wireless 144MHz QRP Contest 2005 by Neill Taylor G4HLX.....	20 Nov
Thirty Years of IC Audio Amplifiers by Howard Vicary G0RJN.....	43 Jan
Unravelling the Mystery of all those Wires! by Rob Mannion G3XFD.....	43 Mar
Verticals upon Sea by Henryk Kotowski SM0JHF.....	40 May

## Doing It by Design by Tony Nailer G4CFY

Active Filters.....	17 Nov
Biasing and other Essential Design Factors for Amplifiers.....	31 Jan
Cascode and m.o.s.f.e.t. Amplifier Designs.....	27 Mar
Doubly Balanced Mixers.....	17 Sep
Singly Balanced Mixers.....	15 July
Unbalanced Mixers.....	18 May

## Reviews

bhi NEDSP1062-KBD DSP Filter by Richard Newton G0RSN.....	34 Sep
Cumbria Designs C-1 Controller Kit by Tex Swann G1TEX.....	29 Dec
Cumbria Designs T-1 Kit Review by Tex Swann G1TEX.....	34 Oct
Cushcraft MA8040V Dual-Band Antenna by Roger Cooke G3LDI.....	20 Sep
Evaluation on the Move! The Icom IC-2200 by Rob Mannion G3XFD.....	40 Nov
Icom IC-756PROIII by Roger Cooke G3LDI.....	26 June
Icom IC-V82 144MHz Hand-Held by Richard Newton G0RSN.....	27 Nov
KRC-T-2 Counter Kit By Tex Swann G1TEX/M3NGS.....	18 July
Palstar ZM-30 Digital Antenna Impedance Bridge by John Heys G3BDQ.....	19 Aug
Peak Electronic Design Passive & Active Component Analysers By Rev. George Dobbs G3RJV.....	19 Mar
Sandpiper 144MHz Three-element Delta Quad by Neill Taylor.....	34 June
TomTom Go Vehicle & Hand-Held Satellite Navigation Unit by Roger Hall G4TNT.....	18 Feb
Yaesu FT-60 by Kevin Nice G3UNR.....	27 July
Yaesu VX-6E Dual-Band Heavy Duty Hand-Held by Richard Newton G0RSN.....	22 Oct

## Technical for the Terified by Tony Nailer G4CFY

Biasing needs for transistors.....	18 Dec
Bridging the Gap.....	34 Feb
Manipulation of numbers with powers or indices.....	26 Apr
Practical applications.....	18 Aug
Running various devices on low voltage using Ohm's Law.....	17 Oct
Using formulas involving capacitance, inductance and frequency.....	24 June

## Theory

HF Bands Low-Pass Filters by Stefan Niewiadomski.....	36 Feb
<b>The Oscilloscope</b> by Gordon King G4VVF	
Bandwidth, Rise Time, Square Waves and Ancillaries.....	Part 5 30 May
Basic Applications.....	Part 2 30 Feb
Basic Principles.....	Part 1 28 Jan
Controls, synchronisation & triggering.....	Part 3 24 Mar
Dual Trace Principles and XY Applications.....	Part 4 21 Apr
Workshop and Radio Shack Applications.....	Part 6 17 Jun

## Supplements, Free Gifts & Special Offers

Antennas to Go! Mix & Match A Collection of Timeless v.h.f. and h.f. Antenna Designs.....	June
PW UK & Irish Callsign Directory CD.....	Apr

Don't forget we still have stocks of PW back issues for 2005 as well as 2004, 2003, 2002 & 2001 available. But hurry as stocks are limited. To order back issues either use the **Order Form** on page 59 of this issue or telephone the **Credit Card Hotline on 0870 224 7830**. Back Issues are available for **£4.75 each inc. P&P UK, £5.25 each inc. P&P overseas**.

**MAKE SURE YOU NEVER MISS AN ISSUE OF THE UK'S ONLY INDEPENDENT AMATEUR RADIO MAGAZINE - SUBSCRIBE TODAY! See page 64 for a special Christmas offer.**