CW Operators' QRP Club

Home Brew With Drew

A List of Publications of Drew Diamond VK3XU #49

Includes **October '04** issue of 'Amateur Radio'
(Wire Gauge Equivalents on last page)

Prepared by Don Callow VK5AIL #75
Email: don911@senet.com.au
Tel: (08) 8362 9114 Mb: 0410 649 114

This list of Drew's published articles and book is frequently updated on the Internet and is occasionally published in Lo-Key. I have copies of all magazine articles listed.

These projects and technical articles provide a valuable contribution to Amateur Radio home brewing. Drew often mentions that he is prepared to respond to queries. Please enclose a S.A.S.E. if you write to him at:-

"Nar Meian", 45 Gatters Rd.,
WONGA PARK, Victoria 3115

BOOKS

1995 Radio Projects for the Amateur
2001 Radio Projects for the Amateur - Volume 2 (Reviewed in AR Aug 01 p36)

LO-KEY

#4 Dec 8419 Two-Band QRP Transmitter (Reprinted in ***SPRAT*** #41)
#66 Jun 00 12 A 4-Band QRP CW Transmitter with QSK T/R

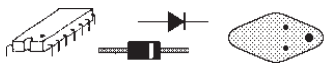
AMATEUR RADIO ACTION

Vol. 2 #11 22 Incredible Noise Cancelling Antenna

ELECTRONICS AUSTRALIA

Jul 95 48 Crystal-Locked 5MHz Receiver for VNG

From the cover of AR



AMATEUR RADIO Journal of the WIA

Letters after year: 'c' = subject of a cover photo; 'n' = article is in *Novice Notes* column; 'w' = *In the Workshop* column. Articles are listed in chronological order.

Oct 73 10 A VFO for 5-5.5 MHz (Drew was then VK3ANU)

Nov 75c 15 QRP CW Rig for 7 MHz

Oct 76 9 A Method of Reducing HV Power Line Noise (See Jan 93 p19 "More on Interference Cancelling, and a New Circuit" by Lloyd Butler VK5BR & correction in Feb 93 p20 under heading "Murphy's Corner")

Sep 80c 8 Five-Watt CW Transmitter (Single band 3.5,7,14 or 21MHz)

Jul 81 28 Home-Brewer's Linear Amplifier for the 3.5, 7.0, 14, 21 and 28 MHz Bands
Aug 81 11 Direct Conversion Receiver for 3.5, 5 or 7 MHz
Oct 81 7 QRP Solid State Linear Amplifier for HF
Dec 81 12 QRP CW Transmitter with Break-In - Part 1 (Multi-band 1.8, 3.5, 7, 14 MHz)

Jan 82 5 QRP CW Transmitter with Break-In - Part 2
Feb 82 8 QRP CW Transmitter with Break-In - Part 3

Jan 83 8 A Square-One Receiver
Feb 83c 14 A "Square-One" Receiver - Part 2
Mar 83 11 A "Square-One" Receiver - Part 3
Apr 83 33 A Sensitive SWR Meter (See Lo-Key #19 Sep 88 p3. Club Kit-Set K006)
Dec 83 24 'Square-Two' Converter

Mar 84 14 High Performance Direct Conversion Receiver Part 1
Apr 84c 10 High Performance Direct Conversion Receiver Part 2

Mar 85 14 DSB/CW Transmitter for 80 Metres
Dec 85n 34 Basic Metalworking - "Chassis Bashing"

Feb 86n 37 Starting a Radio Electronics Workshop
Apr 86n 20 Four-Watt CW Transmitter for 80 Metres
Jun 86n 24 The Open Wire Feed, HF Multi-Band Dipole (Correction in Jul 86 p9 under heading "Jumbled? ? ?")
Sep 86n 34 Direct Conversion Receivers - Here to Stay
Oct 86n 16 DC86 Direct Conversion Receiver for Eighty Metres

Mar 87n 22 Some Troubleshooting Tips
May 87n 27 Cheap Radio - The "Junk Box"
Sep 87n 30 Converting the DC86 VFO
Oct 87n 34 A Crystal Calibrator and Signal Source
Nov 87n 20 Quartz Resonators (Crystals)

Jan 88n 45 Some Practical Tips of VFO Construction
Feb 88n 30 A Handy Quartz Crystal Checker
May 88n 26 Measuring Small Coils and Capacitors with a Dip Meter
Oct 88n 6 MOSFET Power Amplifier for 1.8 to 10.1 MHz

May 89n 30 A Simple Impedance Bridge
Nov 89 10 'MOSFET-4' VFO CW Transmitter for 80m

May 90c 8 Superhet-DC Receiver for 3.5 to 4.0 MHz (Correction in Jun 90 p15 under heading "Errata and Addenda for DC Superhet")
Jun 90 12 A Simple Dip Meter

Nov 90 10 'Fonefist' SSB/CW Transmitter for 80 Metres

Jan 91 7 25W Mosfet Linear Amplifier
Jun 91 9 "Computarock" Receiving Converter (Pre-Selector idea in Oct 91 p7, from R. McGregor VK3XZ)
Aug 91 7 "Handybridge" Impedance Bridge for HF
Dec 91 8 Multiplier CW Transmitter for 3.5/7/14MHz (Correction in Feb 92 p49 under heading "Murphy's Corner")

May 92 8 DC91 Direct Conversion Receiver for 80m (Drop one: DC-91 Revisited by Max Riley VK2ARZ photos & brief notes)
Jun 92 17 "Computarock" HF Receiver (Correction in Aug 92 p24 under heading "Murphy's Corner")
Aug 92 8 HF Band CW Transmitter From Junk-Box Parts (valve)
Sep 92 30 A Simple Tuning Dial from Junk Box Parts
Nov 92 11 "Little-L" Inductance Bridge for RF Coils

Apr 93 3 An RF Power Meter Load (with notes on PEP)
Mar 93 13 Making Simple Circuit Boards
May 93 19 HFC Regulated Variable Voltage Power Supply (Correction in Aug 93 p50 under heading "Update")
Jun 93 24 "Simplex" Sideband Transmitter for 3.580MHz
Oct 93 4 "TCF" Sideband/CW Transceiver for 80 Metres (See Lo-Key #47 Sep 95 p14 and p18 "Additions and Mods ..." by Peter Spencer VK5APS)

Feb 94 4 Making Air-Wound Coils for HF
Oct 94 3 An Empirical Approach to Building an HF Receiver

Jan 95 20 Variable Capacitors Made From Trimmers
Feb 95 4 "Paddyboard" Circuit Construction
May 95 9 "TCF" Sideband/CW Transceiver for 40 Metres
Jul 95 16 Modified Twist Drills for Sheet Metal

Sep 95	8	Receiving Converter for 2 Metres
Dec 95	9	Simple LF Receiving Converter
Jun 96	5	"Little Mate" CW Transceiver for 3.5 and 7 MHz
Oct 96	8	Receiving Converter for 6 Metres
Dec 96	10	"Miser's" 13.8 volt 10 or 20 amp Power Supply (With Ray VK3RD)
May 97	6	"Nano-L" Inductance Bridge for Small Coils
Oct 97	5	A Home-brew HF Balun
Nov 97	13	A Homebrew HF Power Meter and Attenuator Set
Dec 97	10	Three-Chip Electronic Morse Keyer
Feb 98	19	A Simple Transmission Monitor and Interference Sniffer
Apr 98	4	A Dip Oscillator, Crystal Checker and Signal Source
May 98	20	Making Boxes with Ordinary Tools
Aug 98	6	A Sensitive Field Strength Indicator
Sep 98	w11	A Simple Sheet-Metal Bender
Nov 98	w10	A J-Pole Antenna for 2 Metres
Dec 98	7	Some Practical Tips on Timber Radio Masts
Dec 98	11	A Sensitive HF Indicating Wavemeter
Jan 99	15	A Current Indicator for Open-wire Transmission Lines
Feb 99	12	An Inductance Meter for Radio Coils
Apr 99	6	Improvements to Signal Generator Model Q-1312/SG-9200 (from DSE etc.)
May 99	21	A Twin-meter SWR Bridge
Jun 99	23	General Purpose Amplifier / Mike Tester / Power Supply
Jul 99	24	An RF Resistance Bridge
Aug 99	22	An Attenuator Set for Receiver Sensitivity Measurements
Sep 99	24	A Binaural Direct-conversion Receiver
Dec 99	24	A Spectrum/Attenuation Measuring Set
Dec 99	30	An AM/CW Transmitter for 1.8, 3.5 and 7 MHz (Part 1)
Jun 00	22	An AM/CW Transmitter for 1.8, 3.5 and 7 MHz (Part 2)
Jan 00	22	An Experimenter's Power Supply with Current-Limit
Feb 00	14	40W MOSFET HF Linear Amplifier
Mar 00	6	A Portable RF Resistance Measuring Set
May 00	18	LF Receiving Converter with Loop-stick Antenna
Jun 00	6	Making "Air-Wound" Transmitting Coils
Jun 00	22	An AM/CW Transmitter for 1.8, 3.5 and 7 MHz (Part 2)
Jul 00	8	A 'Swinging Link' Antenna Coupler
Aug 00	8	An RF Voltage Probe (with notes on power measurement)
Oct 00	9	A Superhet Receiver For Three HF Bands
Dec 00	10	From Circuit to Chassis
Jan 01	8	A W2PV 4-Element Yagi for 6 Metres
Apr 01	10	Making Holes in Sheet Metal
May 01	4	An RF-actuated CW Monitor and Practice Oscillator
Jul 01	4	An Elecronic Keyer Paddle from "Scrap-Box" Parts
Sep 01	4	Rewinding Power Transformers for 13.8V Power Supplies
Oct 01	4	A Receiving Converter for 432 MHz / 70 cm
Dec 01	4	A X1000 probe for high voltage measurements
Jan 02	4	"Tone-a-Volt" audible voltage and component tester
Mar 02	4	"Tone-a-Tune" Audible SWR Bridge
Apr 02	4	An LF-VHF Milliwatts/Watts Power Meter
	40	Why it is important to contribute technical articles to AR ('Opinion' column)
May 02	4	A Practicable Superhet Receiver for 1.8 to 2.0 MHz (and HF)
Jun 02	6	An HF Receiving Converter
	14	The Sunday 40-metre CW net reaches 1500 sessions
Aug 02	4	A Capacitance Bridge for Radio Work
Sep 02	37	What are band plans for? (In OTU Over To You column)
Oct 02	4	A Simple HF Signal Source
Nov 02	4	A 25 W AM/CW Valve Transmitter for 1.8 and 3.5 MHz
Dec 02/Jan 03		
	4	Some uses for a Dip Oscillator
	18	A temperature-controlled crystal frequency calibrator
Mar 03	19	A "Kalitron" Gate Dip Oscillator/ Crystal Checker
May 03	9	A 3-30 volt, 2 ampere DC Power Supply - with design notes
Aug 03	12	Brush-up your Morse and join in the action
Sep 03	12	An Oscilloscope in the Shack
Oct 03	4	An improved coupler for balanced and single-wire feed antennae
Dec 03/Jan 04		
	8	A solid-state AM/CW transmitter for 1.8 and 3.5 MHz
Oct 04	24	Fixing-up old broadcast gang capacitors
Feb 04	4	A Transmission Quality Checker, "TQC"
Apr 04	18	A simple TV-aligned crystal frequency reference
May 04	10	An active receiving loop antenna for 1.8 MHz
Aug 04	10	A direct reading inductance meter for radio coils

WIRE GAUGE EQUIVALENTS

Dia. mm	B&S (AWG)	SWG
0.16	34	38
0.18	33	37
0.20	32	36
0.23	31	34
0.25	30	33
0.29	29	31
0.32	28	30
0.36	27	29
0.41	26	27
0.46	25	26
0.51	24	25
0.57	23	24
0.63	22	23
0.72	21	22
0.81	20	21
0.91	19	20