

## 1998 ANNUAL INDEX

Subject/Article	Description	Author	Issue/Pg.
<b>Amplifiers</b>			
Power to the People!	Tuned input network	W2CQM	AUG 14
<b>Antennas</b>			
All-Copper 17 Meter X-Beam	Inexpensive and easy	WA2UGT	FEB 21
Amazin' Hall Tree Vertical	10 through 20 meters	K5CW	MAR 30
Cheap and Portable Loop	20 through 40 meters	WV8R	MAR 43
Don't Leave Home Without It	Ingenious tester for wallet or purse	W2UW	MAR 64
Five-Band Magnetic Loop Antenna	Build a loop for QRP	K2KSY/HL9BK	JAN 18
Get Active!	Nice amp project...	W2GOM/7	JAN 10
Meet the Marvelous MicroVert	20-inch vertical for 20 meters?	W4DXV	JUN 21
Multibanding the FracVert Half-wave	Wire vertical for 40-10 m	N1IR	SEP 56
The Kelowna Kactus Home-Brew Antenna	And we <i>mean</i> home-brew!	VE7RFB	APR 70
Only One Antenna	All about multibands	W2BLC	AUG 21
Out of Sight, Out of Mind	Neighborhood amity	WB4BNU	APR 20
Raising the RASER to New Heights	A two-element beam for 80 meters	W2OZH	JUL 10
Saluting the Flag	Another twist to the delta loop	W4DXV	FEB 30
Scrounger's Delight	Miser's magmount	NØBLX	FEB 77
The Taylor Vee 20m Antenna	Anything you don't understand...	WA5NPQ	MAY 28
What's the Scoop on the Lazy Loop?	Multiband wire antennas compared	WA2UGT	SEP 16
<b>ATV, FSTV, SSTV, Video</b>			
Getting High the Ham Way	Adventures in ATV rocketry	KB9MRB	MAR 23
The Digital Port	Packet programs and SSTV	KB7NO	JAN 51
The Digital Port	A classy approach to SSTV	KB7NO	AUG 74
<b>Circuits</b>			
Electronic Bug Emulator	Put personality into your CW	W4LJD	DEC 27
In Search of a Simple Phone Patch	But who needs one, anyway?	KD6ORG	JUN 43
Low-Voltage Detector	For a number of uses	W6WTU	DEC 31
Mega-Mini Micropower Timeout Switch	Here's a great excuse to play with SMT	N4UAU	JUL 42
Penny Pincher's Digital Ammeter	Inexpensive, accurate, seaworthy	N4UAU	MAY 32
Surface Mount SW RF Booster	Easy-to-build, plus a high-pass filter	Davidson	NOV 16
The Fun Radio	Regenerative detector/receiver	W6WTU	JUN 17
Tutorial and Tester for JFETs	Big learning from a little project	W2GOM/7	FEB 16
Wouldn't You Really Rather Drive A BUIC?	Basic Universal Interface Circuit	K8KWD	FEB 10
Wouldn't You Really Rather Drive A BUIC?	Part 2: software for interface circuit	K8KWD	MAR 17
<b>Columns</b>			
Ham to Ham	Lightning Protection—Part 1	NZ9E	JAN 76
Ham to Ham	Lightning Protection—Part 2	NZ9E	FEB 54
Ham to Ham	Lightning Protection—Part 3	NZ9E	MAR 52
Ham to Ham	Lightning Protection—Part 4	NZ9E	APR 60
Ham to Ham	Lightning Protection—Part 5	NZ9E	MAY 62
Ham to Ham	Lightning Protection—Part 6	NZ9E	JUN 52
Ham to Ham	Lightning protection—Part 7	NZ9E	JUL 54
Ham to Ham	Lightning protection—Part 8	NZ9E	AUG 54
Ham to Ham	Lightning Protection—Part 9	NZ9E	SEP 42
Ham to Ham	Home-brewing at its best!	NZ9E	NOV 45
Ham to Ham	PrepPen®, Autek RF Analyst®	NZ9E	DEC 43
<b>Computers and Software</b>			
Noise Surgery 101	Cure the transmitter in your PC	WA9PYH	APR 10
The Digital Port	E-mail challenge	KB7NO	OCT 45
<b>Construction</b>			
A Krystal Kludge	Book excerpt: Xtal Set Society	WØIZC	FEB 65
An RF Sensing Alarm	Save your power amp. stages	VE2ZAZ	MAY 10
Bridge Over Troubled Watters	RF impedance bridge	NØBLX	MAR 67
Build the FoxTTL Foxhunt Transmitter	Simple, inexpensive	AH2AR/8	NOV 10
Build this Simple CW Identifier	You, too, can program EPROMs	KA2CWL	JUL 15
Don't Leave Home Without It	Ingenious tester for wallet or purse	W2UW	MAR 64
Electronic Construction from A to Z, Pt. 3	Everything you wanted to know	N1FN/VK5FN	JAN 22
High Impedance Analog Volt/Test Meter	Useful gadget to build	W6WTU	MAR 26
Home-Brew RF Ammeter for the Shack	Another fun project from W4LJD	W4LJD	JUL 29
Home-Brew This Power Cube	1st step—rebuild your old RF Deck	W2CQM	JUN 25
Joy's "Loud Enough" Metronome	Part 1	W7RXV	APR 40
Joy's "Loud Enough" Metronome	Part 2	W7RXV	MAY 25
Millen-Dollar Replacement	Quick disconnect	W2CQM	APR 47

Out of Sight, Out of Mind	Neighborhood amity	WB4BNU	APR 20
The Ultimate Green Radio	Great "beginners' night" project	W7DE	SEP 10
WeatherWarn Goes Public	Real-time Wx monitoring interface	AG8U	MAY 43
<b>Conversions</b>			
Mount Up!	Cell phone to 2 meters	WQ3A	JAN 28
<b>CW - Code</b>			
Build this Simple CW Identifier	You, too, can program EPROMs	KA2CWL	JUL 15
Electronic Bug Emulator	Put personality into your CW	W4LJD	DEC 27
<b>Digital Modes</b>			
Carr's Corner	Internet: Its meaning to ham radio	K4IPV	MAR 50
The Digital Port	Packet programs and SSTV	KB7NO	JAN 51
The Digital Port	HF modem for \$15	KB7NO	FEB 61
The Digital Port	Freebies in ham radio: PCFlexnet	KB7NO	MAR 59
The Digital Port	PCFlexNet; BayCom	KB7NO	MAY 60
The Digital Port	SSTV—Kenwood VC-HI	KB7NO	DEC 45
<b>DX</b>			
73's DX Dynasty Award	Awards List	Staff	JAN 36
DX Dynasty Countries List	1998 Countries List	Staff	JAN 38
<b>Editorials</b>			
Never Say Die	Virus Attack!, Heritage	W2NSD/1	JAN 4
Never Say Die	Alarmist, Global Warming?	W2NSD/1	FEB 4
Never Say Die	Super Gardening	W2NSD/1	MAR 4
Never Say Die	Depression, Political Spending	W2NSD/1	APR 4
Never Say Die	New Licenses, Morse Requiem	W2NSD/1	MAY 4
Never Say Die	<i>Mea Culpa</i> , License Numbers, Rumor	W2NSD/1	JUN 4
Never Say Die	Rx Laughter, Staples vs. Paper Clips	W2NSD/1	JUL 4
Never Say Die	Barry, Peoria in Sept., Catastrophe	W2NSD/1	AUG 4
Never Say Die	Anniversary, Smaller Magazine	W2NSD/1	SEP 4
Never Say Die	Nothing To Say, Motivation	W2NSD/1	OCT 4
Never Say Die	Improve Your Memory, Spirit Memories	W2NSD/1	DEC 4
Never Say Die	Incentive Licensing, Code Preservation	W2NSD/1	NOV 4
<b>Education</b>			
Get Kids Involved—and Keep 'Em That Way!	Lessons from the "22 Crew"	WB2JKJ	JUN 46
Hams With Class	Mayor's proclamation for hams	WB2MGP	JAN 53
Hams With Class	Raising student expectations	WB2MGP	FEB 51
Hams With Class	Demos by kids	WB2MGP	MAR 77
Hams With Class	A lesson of Titanic proportions	WB2MGP	APR 58
Hams With Class	NASA activities	WB2MGP	MAY 53
Hams With Class	Ham radio Salute to Gershwin	WB2MGP	JUN 60
Hams With Class	NASA resources	WB2MGP	JUL 57
Hams With Class	Teachers' Workshop at Dayton	WB2MGP	AUG 77
Hams With Class	The Dayton Youth Forum	WB2MGP	SEP 45
Hams With Class	School Demos—A great experience!	WB2MGP	OCT 39
Hams With Class	Plug with passion	WB2MGP	NOV 44
<b>Emergency Preparations</b>			
On the Go	Plan to plan	KE8YN/4	JAN 56
On the Go	Emergency communications	KE8YN/4	MAY 57
On the Go	Field Day, Disaster Drills	KE8YN/4	JUN 56
On the Go	Florida wildfires	KE8YN/4	NOV 51
Preparing for the Big One	Don't get caught short...	XF1/KB6ASH	FEB 24
<b>General Interest</b>			
1997 Annual Index	Check it out!	Staff	JAN 41
1997 Never Say Die Index	Volume I - III	W2NSD/1	FEB 83
A Hamfest Every Day	The fun never stops?	W2BLC	JUN 40
And the (zero) Beat Goes On...	The Fessenden Fenomenon	VE3MJF	NOV 29
Carr's Corner	US Air Force QSO Party	K4IPV	JUN 50
Carr's Corner	Radio way-backs, CW	K4IPV	JUL 74
G'Day, OM!	RV tour: Australia, New Zealand	N5MFG	OCT 30
George's XE-lent Adventure	Mexico, Part 1	WB2AQC	NOV 34
George's XE-lent Adventure	Mexico, Part 2	WB2AQC	DEC 32
Ham to Ham	Lightning protection, Part 1	NZ9E	JAN 76
Ham to Ham	Lightning protection, Part 2	NZ9E	FEB 54
Ham to Ham	Lightning protection, Part 3	NZ9E	MAR 52
Ham to Ham	Lightning protection, Part 4	NZ9E	APR 60
Ham to Ham	Lightning protection, Part 5	NZ9E	MAY 62

Ham to Ham	Lightning protection, Part 6	NZ9E	JUN 52
Ham to Ham	Lightning protection, Part 7	NZ9E	JUL 54
Ham to Ham	Lightning protection, Part 8	NZ9E	AUG 54
Ham to Ham	Lightning protection, Part 9	NZ9E	SEP 42
Homing In	Italian Connection (Guglielmo Marconi)	K0OV	SEP 51
How About A Kinky-Interesting-Sexy-Sexy?	A trip down phonetics lane	G0JOE	APR 66
How Safe Is Your Mobile?	Assuming you want to know...	W6YBT	MAY 46
Marsha and Me	Making friends via hamming	WF6P	JAN 64
No—Honestly! I'm Not a Pirate!	British Novice	2E1DPG	JAN 70
On the Go	OOPS!—over...	KE8YN/4	JUL 62
On the Go	We provide services, save the bands	KE8YN/4	AUG 60
On the Go	Satellite disruptions and Y2K	KE8YN/4	SEP 53
Out of Sight, Out of Mind	Getting along with the neighbors	WB4BNU	MAR 80
Probing Auto Electronics	Hams can be good neighbors	W6WTU	DEC 10
Publish or Perish	Club newsletters (Reprint)	N1BLH	JAN 66
Roamin' Romania	Part 1: Timisoara...	WB2AQC	JUN 67
Roamin' Romania	Part 2: Amateurs of the Jiu Valley	WB2AQC	JUL 65
Take the Jekyll and Hyde Test	Which shack is yours?	W2CQM	JUL 34
Techno-Trouble for Know-It-Alls	50 questions	WB2WIK/6	APR 28
Techno-Trouble II	Another 50 questions	WB2WIK/6	JUN 29
The Ideal Log	Computer-style card file	W6BNB	OCT 21
The Perfect Field Day	Did everybody have fun?	N8IDA	OCT 54
The Shelby Hamfest	Shelby's 41st year	KA4J	JUL 64
Tips from a QSL Guru	Here's how to make your card count	W6BNB	JUN 64
Vintage Values	Heading for a hamfest?	W2BLC	JUL 25
<b>Ham Radio Fun Section</b>			
A Krystal Kludge	A book excerpt from The Xtal Society	W0IZC	FEB 65
Adventures in Regulation	How to use a fixed voltage regulator	W6WTU	APR 64
Bridge Over Troubled Watters	Why buy what you can build?	N0BLX	MAR 67
Determining Antenna Feedpoint Impedance	Even you can learn from this tutorial	W6WTU	AUG 64
Don't Leave Home Without It	Ingenious tester for wallet or purse	W2UW	MAR 64
Home-Brewing Italian-Style!	A two-element phased beam for ARDF	IK8VWA	MAY 64
How About A Kinky-Interesting-Sexy-Sexy?	Down phonetics lane	G0JOE	APR 67
In Search of a Simple Capacitor Tester	A midsummer night's dream project	KD6ORG	
Letter from Down East	One ham won't clam up	W3UWH	FEB 64
Marsha and Me	Making friends via hamming	WF6P	JAN 64
No—Honestly! I'm Not a Pirate!	A tale of travail from a British Novice	2E1DPG	JAN 70
Roamin' Romania	Part 1: Timisoara...	WB2AQC	JUN 67
Roamin' Romania	Part 2: Amateurs of the Jiu Valley	WB2AQC	JUL 65
Scrounger's Delight	The Minnesota miser's magmount	N0BLX	FEB 77
The Shelby Hamfest	The weekend before Labor Day	KA4J	JUL 64
Tips from a QSL Guru	How to make your card count	W6BNB	JUN 64
Ya Gotta Shop Around	Do your homework, get the best deal	K5LAD	MAY 66
<b>Mobile</b>			
On the Go	Mobile antennas	KE8YN/5	MAR 58
On the Go	Kenwood TS-130S	KE8YN/4	OCT 43
On the Go	Up, up, and away	KE8YN/4	DEC 47
<i>Truckez-Vous Mon Boat?</i>	Ham friends rescue the <i>Voyageur</i>	N4UAU	MAR 10
<b>Modifications</b>			
A Silk Purse...	Upgrades for Heathkit SB-104 Xcvr	K9ARF	AUG 10
Modifying Your Ramsey Xcvr Kit	...the ultimate ham experience	N0BLX	APR 18
Tear Apart Your Tube Supply	Drake AC4 modifications	WB2CQM	FEB 33
Upgrading the 209 (MFJ ant. analyzer)	Add a resistance meter	KG5CM	JAN 15
<b>New Products (by manufacturer)</b>			
Alinco	DJ-S46 HT	Staff	JUN 72
Allison Technology Corp.	O-Scope II oscilloscope module	Staff	JUL 72
AlphaLab, Inc.	Micro Alert alarm	Staff	AUG 72
ARRL	1998 ARRL Handbook	Staff	MAR 79
ARRL	1999 ARRL Handbook	Staff	NOV 48
ARRL	Radio Frequency Interference...	Staff	SEP 48
ARRL	Radio Amateur's Sat. Handbook	K2UBC	MAY 72
ARRL	RF Exposure and You	Staff	JUL 72
Buckmaster	Copy this and pass™ audio CDs	Staff	DEC 48
CCTV Corp.	BC-450 and BC-935C Ball Cameras	Staff	APR 72
Comm. Spec.	ANI-1 ID Encoder	Staff	FEB 72
Contact East	1998 General Catalog	Staff	MAY 72
Cushcraft	TechExpress online tech help	Staff	OCT 48
Cutting Edge Enterprises	PowerPort PowerSafe	Staff	APR 72
Cutting Edge Enterprises	PowerPort RF-35	Staff	FEB 72

Environmental Technology, Inc.	RCD-1/ RCD-2 Passive Dehydrators	Staff	JUL 72
Grove Enterprises	SP-200B Sound Enhancer	Staff	JAN 72
Hall Bros. Manufacturing	Decoder Coin	Staff	FEB 72
Hamco	<i>Hidden Antennas</i> catalog	Staff	DEC 48
Hammond	T304 exciter, R304 receiver	Staff	SEP 48
Hamtronics	40 page catalog	Staff	APR 72
Intuitive Circuits	DTMF-8 decoder board	Staff	JUL 72
Janus Computer Services	<i>Little Little Book About Yaesu VX-1R</i>	McCully	AUG 72
Jensen Tools	Free catalog	Staff	JAN 72
Jensen Tools	HotRod Safety Screwdriver	Staff	MAR 79
Jensen Tools	Crescent® insulated nutdrivers	Staff	AUG 72
Kantronics; Creative Services Software	PacTerm 98 for the Kantronics TNC	Staff	SEP 48
Kenwood	RadCam	Staff	NOV 48
Kenwood	TK-290 and TK-390 transceivers	Staff	OCT 48
Kepron Circuit Systems	Kepron BTE-302 glass bead etcher	Staff	NOV 48
Lakeview Company, Inc.	Tri-Magnetic Mount (Cat. #375)	Staff	NOV 48
Larsen Electronics	YA3220 line of Yagi directional ants.	Staff	AUG 72
LLH Technology Publishing	<i>Simple, Low-Cost Electronic Projects</i>	Blechman	OCT 48
MAXRAD	FME Universal Connectors	Staff	JUL 86
MCM Electronics	New catalog	Staff	FEB 72
MFJ	MFJ-118 Jumbo LCD™	Staff	FEB 72
MFJ	MFJ-270 Guardian Angel™	Staff	NOV 48
MFJ	MFJ-292 Featherweight Earphone	Staff	JAN 72
MFJ	MFJ-295Y Mini-SpeakerMic™	Staff	JUL 72
MFJ	MFJ-310 HT window mount clip w/BNC	Staff	JUL 86
MFJ	MFJ-414 Morse Code Tutor	Staff	SEP 48
MFJ	MFJ-641 RapidBattery™ Charger	Staff	APR 72
MFJ	MFJ-1736 Six-meter J-pole ant.	Staff	AUG 72
MFJ	MFJ-1762 3 El 6m Yagi	Staff	DEC 48
MFJ	MFJ-2881; MFJ-288K	Staff	MAY 72
MFJ	MightyLite™ Switching Power Supply	Staff	JUN 72
MFJ Publishing	<i>Morse Code: Breaking the Barrier</i>	N1IRZ	MAR 79
Milestone Technologies	ElectroInstrument Key-8 Paddle Keyer	Staff	JUN 72
Milestone Technologies	Tokyo Hi-Mound Morse equipment	Emm	MAY 72
Mirage	B-24-G Docking Booster	Staff	JUN 72
Mirage	B-510-G 2-meter amplifier	Staff	OCT 48
Morse Express	G4ZPY keys and paddles	Staff	DEC 48
Novatech Instruments, Inc.	2950AR/01, /02, /03 Freq. Standard	Staff	JUL 86
Old West Graphics	Banners	Staff	JUN 72
RF Connectors	RFN-1001.5 N Male Universal Plug	Staff	JUL 86
Pelican Products	Alignlite™ xenon beam flashlight	Staff	AUG 72
PhotograFix	<i>Ham Radio: Simplified</i>	Cornwell	OCT 48
R.L. Drake Company	R8B	Staff	JAN 72
Sony	ICF-SCIPC Scanner	Staff	MAY 72
Svetlana Electron Devices, Inc.	<i>1998 Audio Tube Catalog</i>	Staff	DEC 48
TAB Books	<i>Home Video</i>	Yoder	NOV 48
The Radio Works	Catalog 981	Staff	JUL 86
TTE, Inc.	Model 305-1270M-60M 5-Pole Filter	Staff	JAN 72
Universal Radio, Inc.	<i>Discover DXing!</i>	Zondlo	MAY 72
Vectronics	More than 30 kits	Staff	OCT 48
Wm. M. Nye Company	Model 330C Key	Staff	OCT 48
Xuron Corporation	LX Series Micro-Shear®	Staff	DEC 48

#### Packet

The Digital Port	Packet programs and SSTV	KB7NO	JAN 51
The Digital Port	HF modem for \$15	KB7NO	FEB 61
The Digital Port	Freebies in ham radio	KB7NO	MAR 59
The Digital Port	Serial modem, soundcard, TNC?	KB7NO	APR 53
The Digital Port	1200b packet modem kit	KB7NO	JUL 52

#### Power Supplies

Pentium-Style Positive and Negative PS	New technology is great...	N4UAU	JUN 10
The Evolution of Power Supplies	Part 1: Dynamotors and vibrators	W6WTU	NOV 13

#### QRP

Announcing the QRPeanut	Compact QRP transmatch	N5GZH	DEC 14
Five-Band Magnetic Loop Antenna	Build a loop for QRP	K2KSY/HL9BK	JAN 18
QRP	Heathkit HW-8	WB8VGE	JAN 50
QRP	VFO	WB8VGE	FEB 57
QRP	HW-8 modifications	WB8VGE	MAR 57
QRP	High-current sealed battery charger	WB8VGE	APR 75
QRP	QRP rigs	WB8VGE	MAY 58
QRP	A QRP Field Day	WB8VGE	JUN 63

QRP	The basics	WB8VGE	JUL 58
QRP	New equipment	WB8VGE	AUG 61
QRP	NorCal's 38 special	WB8VGE	SEP 54
QRP	NorCal's 38 special—a closer look	WB8VGE	OCT 44
QRP	Revenge of the oscillator from hell!	WB8VGE	NOV 52
<b>Radio Direction Finding, Fox Hunts</b>			
Build the FoxTTL Foxhunt Transmitter	Simple, inexpensive	AH2AR/8	NOV 10
Homing In	Field Day	K0OV	NOV 47
Homing In	Friendship and foxhunting	K0OV	JAN 62
Homing In	Canadian capers	K0OV	FEB 58
Homing In	Build tough fox-boxes	K0OV	MAR 61
Homing In	Build the Montreal Fox Controller	K0OV	APR 77
Homing In	Build an offset attenuator	K0OV	MAY 76
Homing In	ARDF is off and running	K0OV	JUN 75
Homing In	Receiver hunting	K0OV	JUL 60
Homing In	Tracking owls, cranes, and foxes	K0OV	AUG 58
Homing In	Italian Connection (Guglielmo Marconi)	K0OV	SEP 51
<b>Repeaters</b>			
On the Go	Steve Nowak	KE8YN/4	APR 58
<b>Reprints</b>			
Publish or Perish	Club newsletters	N1BLH	JAN 66
<b>Reviews (by manufacturer)</b>			
Advance Design Labs	CodeKey	KB1UM	FEB 68
Alinco	A Real Handful—DJ-C5 transceiver	VE3EGA	DEC 24
C&S Engineering	SatTrack: Automatic Ant. Tracking	KA0SNL	JAN 32
Comm Spec	Model ID-8 Morse Station IDer	K4CHE	MAR 46
Drake TR Series	Some of the best vintage equip.	W2BLC	DEC 52
Embedded Research	Just the TiCK Kit	K4CHE	OCT 33
GMSK Data Products	High-Speed Packet Modem	G3LDI	MAY 40
Hamtronics	CC432-5 Receive Converter Kit	WB9RRT	APR 37
Hamtronics	R301 Synthesized VHF Receiver	WB9RRT	NOV 26
Kachina	505DSP HF transceiver	N1VXW	AUG 27
MFJ	MFJ-214 Linear Amp. Saver	NZ9E	OCT 18
MFJ	MFJ-224 2m FM Analyzer	N0BLX	MAR 36
NHRC Repeater Controllers	Build the NHRC-4 Linking Rptr. Cntrlr.	N1KDO	SEP 28
Paddlette Company	Paddlette Micro Keyer	WB8VGE	FEB 37
Pasokon	3.1 SSTV System	KB1UM	JUL 31
Ten-Tec	1210 T-Kit	W9NUP	FEB 39
Velleman Electronics	K2659 Morse Decoder Kit	N1FN	DEC 29
Whiterook	Model MK-88 Pocket Electronic Keyer	AD1B	AUG 42
Yaesu	VX-1R Micro Dual-band HT	KB1UM	JUN 32
<b>Reviews (by product)</b>			
3.1 SSTV System	Pasokon	KB1UM	JUL 31
1210 T-Kit	Ten-Tec	W9NUP	FEB 39
AX384 & AX576 High Speed Packet Modems	GMSK Data Products	G3LDI	MAY 40
CC432-5 Receive Converter Kit	Hamtronics	WB9RRT	APR 37
CodeKey	Advance Design Labs	KB1UM	FEB 68
Computer Controlled HF Transceiver	Kachina	N1YXW	AUG 27
DJ-C5 Transceiver	Alinco	VE3EGA	DEC 24
ID-8 Morse Station IDer	Comm Spec	K4CHE	MAR 46
K2659 Morse Decoder Kit	Velleman—Seeing Dits and Dahs	N1FN	DEC 29
MFJ-214 Linear Amp. Saver	MFJ	NZ9E	OCT 18
MFJ-224 2m FM Analyzer	MFJ	N0BLX	MAR 36
MK-88 Pocket Electronic Keyer	Whiterook	AD1B	AUG 42
NHRC-4 Linking Rptr. Cntrlr.	NHRC Repeater Controllers	N1KDO	SEP 28
Paddlette Micro Keyer	Paddlette Company	WB8VGE	FEB 37
SatTrack System	C&S Engineering	KA0SNL	JAN 32
TiCK Kit	Embedded Research	K4CHE	OCT 33
TR Series Vintage Equipment	Drake	W2BLC	DEC 52
VX-1R Micro Dual-band HT	Yaesu	KB1UM	JUN 32
<b>RTTY</b>			
RTTY Loop	Letter time	WA3AJR	JAN 75
RTTY Loop	AEA	WA3AJR	FEB 71
RTTY Loop	Klingenfuss's CD	WA3AJR	MAR 74
RTTY Loop	Klingenfuss 1998 Radio Station Guide	WA3AJR	APR 74
RTTY Loop	Teleprinter ribbons	WA3AJR	MAY 78
RTTY Loop	Letters	WA3AJR	JUN 57

RTTY Loop	22nd year Anniversary	WA3AJR	JUL 63
RTTY Loop	Letters from readers	WA3AJR	AUG 63
RTTY Loop	Elmers Web site	WA3AJR	SEP 55
<b>Satellite Operation, EME, Space</b>			
Hamsats	Space symposium	W5ACM	JAN 54
Hamsats	Soviet space	W5ACM	FEB 52
Hamsats	Are radio nets dead?	W5ACM	MAY 71
Hamsats	<i>Satellite Experimenter's Handbook</i>	W5ACM	JUN 58
Hamsats	European Space Agency, Arianespace	W5ACM	AUG 56
Hamsats	<i>Ariane 503 and Phase 3D</i>	W5ACM	SEP 98
Hamsats	<i>TMSAT-1, Gurwin-II Techsat</i>	W5ACM	OCT 40
Hamsats	<i>SEDSAT-1, ARISS</i>	W5ACM	DEC 45
<b>Test Equipment</b>			
Already Have an Oscilloscope?	A cheaper add-on capacitor tester	N4MCZ	NOV 57
An FET Probe to MMIC	Relatively new tech for your test bench	W6WTU	AUG 48
Bridge Over Troubled Watters	RF impedance bridge	NØBLX	MAR 67
Don't Leave Home Without It	Ingenious tester for wallet or purse	W2UW	MAR 64
High Impedance Analog Volt/Test Meter	Useful gadget to build	W6WTU	MAR 26
In Search of a Simple Capacitor Tester	Construction project	KD6ORG	AUG 68
Penny Pincher's Digital Ammeter	Inexpensive, accurate, seaworthy	N4UAU	MAY 32
The ZenerMeter	Test set for zener and other diodes	KA4J	MAR 39
VHF/UHF Signal Source	Another piece of test equipment	W6WTU	NOV 21
<b>Tutorial</b>			
Adventures in Regulation	How to use a fixed voltage regulator	W6WTU	APR 64
A Pleasant Visit to the DDS	Direct Digital Synthesis	W6WTU	MAY 15
Ask Kaboom	Sound!	KB1UM	JAN 58
Ask Kaboom	I'm bored!	KB1UM	FEB 50
Ask Kaboom	New modes: Packet voice	KB1UM	MAR 55
Ask Kaboom	Trends	KB1UM	APR 52
Carr's Corner	Randomness; SESCOM Lab-x	K4IPV	JAN 79
Carr's Corner	More on Magnetometers	K4IPV	FEB 74
Carr's Corner	Internet: Its meaning to ham radio	K4IPV	MAR 50
Carr's Corner	Receiving loops & loop preamps	K4IPV	APR 55
Carr's Corner	Receiving loops... Part 2	K4IPV	MAY 54
Carr's Corner	SETI League, Hospital Operations	K4IPV	AUG 52
Carr's Corner	Receiver accessories	K4IPV	NOV 54
Carr's Corner	Hybrid couplers	K4IPV	DEC 42
Cool It!	Keep your transmitters cooler	W2GOM/7	AUG 24
Determining Ant. Feedpoint Impedance	Theory, finding element impedance	W6WTU	AUG 64
Electronic Construction from A to Z, Pt. 3	Everything you wanted to know	N1FN/VK5FN	JAN 22
Electronic Construction from A to Z, Pt. 4	Conclusion: You can be Mr. Fix-It!	N1FN/VK5FN	FEB 44
FM Revisited	Modulation	W6WTU	JUL 21
Intro to Superhets	Part 1: History and overview	W6WTU	AUG 38
Intro to Superhets	Part 2: From oscillators to detectors	W6WTU	SEP 22
Intro to Superhets	Part 3: Accessories and conclusion	W6WTU	OCT 26
Keys to Better Operating	Much of it <i>is</i> common sense	W6BNB	DEC 17
Meeting Your Match	Understanding matching networks	W2GOM/7	OCT 47
The Digital Port	Modems	KB7NO	SEP 39
The Ins and Outs of Surface-Mount	Everything you need to know...	Davidson	OCT 10
Secrets of Deviant Behavior	Measuring FM deviation	W6WTU	AUG 18
Sensitivity Training	Increasing receiver sensitivity	W2GOM/7	MAY 19
<b>Updates</b>			
Beeper Short Circuit Detective	DEC 1997	Ham to Ham	MAR 84
Automatic Morse Station IDer	MAR 1998	K4CHE	APR 87
Limited Space Antenna	DEC 1997	K2KSY/HL9BK	JUL 87
SatTrack	JAN 1998	KAØSNL	MAR 84
<b>VHF/UHF</b>			
Above & Beyond	Frequency counters; accuracy	WB6IGP	JAN 60
Above & Beyond	Freq. reference oscillator stability	WB6IGP	FEB 63
Above & Beyond	Filters for ham microwave bands	WB6IGP	MAR 74
Above & Beyond	Oscillator considerations/1296 MHz	WB6IGP	APR 50
Above & Beyond	Surplus 1152 MHz synthesizer	WB6IGP	MAY 50
Above & Beyond	Bits and pieces for microwave & VHF	WB6IGP	JUN 61
Above & Beyond	Making antenna measurements	WB6IGP	JUL 50
Above & Beyond	Test equipment, junkyard acquisitions	WB6IGP	AUG 50
Above & Beyond	How to repair old beam antennas	WB6IGP	SEP 36
Above & Beyond	VHF to microwave preamplifiers	WB6IGP	NOV 42
Above & Beyond	HP power meters/thermistor mounts	WB6IGP	DEC 39