



**The
World
of
SWL'ing**

Gilfer '74

Park Ridge, NJ 07656

Receivers

Drake SW-4A International Broadcast Receiver

\$335.00

The R.L. Drake SW-4A receiver is an 11-band direct frequency readout international broadcast receiver. The bands that can be tuned include the 11, 13, 16, 19, 25, 31, 41 and 49 meter bands, plus coverage of the medium wave AM band and the long



wave band down to 150 kHz. This is the ideal receiver for the casual and/or semi-serious shortwave listener requiring excellent sensitivity with all of the benefits of crystal-control direct frequency readout accuracy. The SW-4A combines the best qualities of transistors and tubes in a proven double-conversion superhet circuit. Simple and easy to tune. A matching speaker (model MS-4) is available from

GILFER stock for only \$20.00. The SW-4A is powered from either 117 or 240 volts 50/60 Hertz. An outdoor antenna is preferred for adequate reception. There is a headphone jack on the front panel. Interested parties should write for our special SWL discount and an illustrated brochure.

Drake SPR-4 Communications Receiver

\$579.00

The R.L. Drake SPR-4 communications receiver is an all solid-state (transistors, diodes and integrated circuits) direct frequency readout device designed for the exacting



medium wave and shortwave listener. The basic receiver tunes 150-1600 kHz, plus the 13, 16, 19, 25, 31, 41 and 49 meter international broadcasting bands. The SPR-4 may be made to tune 14 additional bands through the use of optional extra crystals. We will install and check operation of additional crystals for \$4.50, each. All tuned bands are about 600 kHz wide and crystals may be selected for the ham, marine, aeronautical, tropical, etc. bands.

An SPR-4 is extremely sensitive and is automatically adjusted for best selectivity according to the mode of reception (AM, CW, LSB or USB). The front panel controls include AF GAIN, RF GAIN, NOTCH, PRESELECTOR, MODE, FREQUENCY RANGE, HEADPHONES and RANGE. There is a tape recording jack on the rear skirt. Powered from 117 or 240 volts, 50/60 Hertz or 12-volts d.c. Various optional extras are available from GILFER stock; including a 100-kHz calibrator, noise blanker, d.c. power cable, etc. Interested parties should write for our special SWL discount price and an illustrated brochure.

the indispensable

“WRH”

Partial Table of Contents

- Broadcasts in English
- DX Programs
- News in English
- Solar Activity, 1974
- World Time Chart
- World Receiver Count
- Receiving Conditions, 1974
- Cooperating DX Clubs
- Esperanto Programs
- International Waters
- Religious Organizations, etc., etc.

\$7.50



When a specialized handbook like this has gone into its 28th edition, there's very little that's "new and exciting" we can say about the 1974 issue. The World Radio & TV Handbook (popularly referred to as the "WRH") is THE ONLY complete directory of radio broadcasting throughout the entire world – Afars to Zambia. Updated during the latter part of 1973 for use through 1974, the WRH tells it all: stations, callsigns, frequencies, schedules, languages, etc. If you need broadcasting activities information on a specific country, you can expect to find it in the WRH. If you tune in a new station and wonder which one it might be, the List of All Shortwave Broadcasting Stations will give you a better-than-average clue. If you want to listen to a broadcast in Hausa, the WRH will tell where and when. Numerically, we've no idea of exactly how many tidbits of information are published in each edition of WRH; but, a safe guess is in the hundreds of thousands! No casual (and certainly no avid) shortwave listener tunes the bands without the latest copy of the WRH at his fingertips. 400 pages.

by frequency

kHz	m	kW	Call	Stations & Countries
11900	25.21	240		L'vov, USSR
	25.21	100		Lagos, Nigeria
	25.21	250		RSA, South Africa
	25.21	100		Sfax, Tunisia
	25.21	100		Kuala Lumpur, Mal
	25.21	100		Voz de Chile, Chile
	25.21	5		S.O.D.R.E., Uruguai
	25.21	20		Jülich (DW), Germ
	25.21	100		BBC (D), Gt. Brit
	25.20	100		Rome, Italy
11905	25.20	100/250		R. Thailand, The
	25.20	60/100		Minhsiung (BCC),
	25.20	250	BED44	R. Thailand, The
	25.20	3		Greenville (VOA),
	25.20	100		R. Budapest, H
	25.20	50		Algiers, Algeria
11910	25.19	15/100		Addis Ababa,
	25.19	50		Monrovia (VO
	25.19	100	ETLF	AIR Delhi, I
	25.19	250		BBC Tebrau,
	25.19	20/100		R. Nacional,
	25.19	100	ORX4R	Wofferton (V
11914	25.19	40		Cairo, Egypt
11915	25.18	250		Monrovia (V
	25.18	100		Tangier (V
	25.18	35		Greenville (V
	25.18	100		R. TV G
	25.18	10	PRC23	Voz de I
	25.18	50	HCJB	Allouis,
11920	25.17	100		Trans W
	25.17	100		Nobleja (Sénégal V)
	25.17	350		Mosco
	25.17	240		Vilnius
	25.17	50		Algier
	25.17	50		Abid
	25.17	100		AIR
	25.17	100		E: "This is the

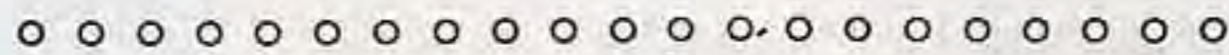
by country

SENEGAL (Republic)

L.T: GMT — Pr.L: French, Oulof, Sérerc. Toucouleur, Portuguese — EC: a/c 50, 127/220V (yes).
RADIODIFFUSION DU SENEGAL (Gov.)
 ADDR: B.P. 1765, Dakar, Te: 32072. Cable: Radio Sénégal — L.P: Dir. Gen: A. Fall. Dir. Tec: M. M'Baye.
STATIONS (G.C: 17,26W/14,39N):

kHz	kW	Netw	Times
764	200	II	06.00-24.00
1538	10	I	06.00-24.00
4890	25	II	06.00-10.00, 18 ⁰⁰ -24.00
7170	25	II	10.00-18.00
7210	4	I	10.00-18.00
7210	100	I	06.00-10.00
11895	100	I	10.00-24.00

R. SENEGAL-INTER. Portuguese: 18.00-18.20; Arabic: 18.20-18.40; English: 18.40-19.00.
 R. SENEGAL II: times as above.
 N. in French (R. Sénégal I+II): W 07.00, 07.55, 12.00, 19.00, 20.00, 22.15, 23.55; Sun 08.30, 13.00, 19.00, 20.00, 22.15, 23.55.
 Reg. st. St. Louis (Sénégal III): 1484kHz 1kW, 6065kHz 4kW; 10.00-18.00.
 Reg. Station Ziguinchor, B.P. 173, Ziguinchor.
 3336kHz: 06.00-08.00, 18.00-24.00
 6180kHz: 12.00-14.00
 12.00-14.00, 18.00-22.30 on 1286kHz 5kW: 06.00-08.00.
 Tambaounda (Sénégal VI) (G.C: 13.41W/13.47N): 1502 kHz 1kW: 06.00-08.00, 12.00-14.00, 18.00-22.30.
 ANN: F: "Ici Sénégal-Inter émettant de Dakar"
 "Ici Sénégal II, Chaîne Nationale"
 AIR: E: "This is the"



Sun, Earth and Radio (J. A. Radcliffe) **\$2.45**

For more years than we here at GILFER care to admit, we've been searching for a first-rate book on just how radio waves are propagated. We've finally found such a book in this extraordinary text by British scientist/writer, J. A. Radcliffe. The author is very well-known in England for his elegant and lucid style of describing hard-to-grasp concepts in readily understandable terms: without resorting to the use of mathematical formulas and expressions! In SUN, EARTH and RADIO, Radcliffe introduces the reader to our knowledge of the ionosphere, how the knowledge was obtained and what bearing it has on shortwave broadcasting. Throughout all of the text material there is an emphasis on the relationship between sunspots and the ionosphere. Fading, aurora, sporadic-E ionization, meteors, ionospheric storms, polar cap absorption, etc. are all dealt with in remarkably complete detail. The book has scores of 2-color illustrations, charts and photographs to help explain how this branch of science has developed since radio transmissions began earlier this century. 256 pages. 7½ x 5.

North American Radio-TV Station Guide (Vane A. Jones) **\$4.50**

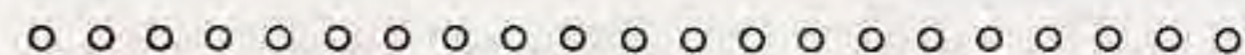
As the book title implies, this is a complete listing of all medium-wave AM broadcasting, FM and TV stations in North America (Canada, Caribbean, Mexico and the U.S.A.). There are 3 separate lists: one list arranged by frequency (or TV channel), another list with the stations shown by callsign, and a tabulation of the stations according to geographic location. Over 10,000 broadcasters are identified, including all of those presently on the air, plus those that have temporarily ceased operation and any that plan to begin operation in 1974. Users will find details on the radiated power, antenna height (if important), hours of operation, and network affiliation. Educational broadcasting stations are designated, as well as those FM stations broadcasting



stereo. The author has made every effort to provide up-to-date information on all North American broadcasting stations. 158 pages.

How to Hear Police, Fire and Aircraft Radio (Len Buckwalter) **\$3.50**

The avalanche of VHF/UHF scanners has introduced a new phase in SWL'ing — tuning in the police and fire stations. There are special techniques to DX'ing the VHF/UHF bands and this book tells all you need to know about the receiver, antenna and where and when to listen. Various receivers are discussed in detail, plans for antennas are shown, and there is even a "10-code" table. This is just the right book for someone just getting started in this part of the hobby. 128 pages.



FM Atlas and Station Directory (Bruce F. Elving) **\$2.50**

This unique and handy guide to FM broadcasting now lists over 3500 stations operating in Canada, Greenland, Mexico, West Indies and the U.S.A. Up to date as of mid-1973. One part of the FM ATLAS shows the location of FM broadcasters on detailed regional maps. Another part of the ATLAS is a geographical station directory. A new feature in this edition is a listing that shows effective radiated power and antenna heights above average terrain. Coverages are now indicated to the secondary signal area of 50 microvolts/meter. Program format details have been expanded to list stations with easy listening music, as well as, stations with ethnic and foreign language programming. This is a MUST book for the FM-equipped traveler, audiophile and FM band DX'er. 80 pages.

Guide to Broadcasting Stations **\$2.50**

Here's a pocket-size book of shortwave radio station frequency listings that can be bought for pin money. This is the 17th (1973) edition and is based on information provided the publisher by

the various monitoring services of the British Broadcasting Corporation. The main body of this book is a listing of thousands of shortwave stations by frequency. Also shown is the geographic location of the station, transmit-

MHz	Metres	Station	Country	kW	M	J	S	D
15.235	19.69	London	U. K.	100	X	X	X	X
		Ascension	Ascension	250	X	X	X	X
		Limassol	Cyprus	100	X	X	X	X
		Greenville	U. S. A.	250/500	X	X	X	X
			Philippines	50	X	X		
			U. S. S. R.				X	
			India	100	X	X	X	X
			Japan	100	X	X	X	X
			Delhi					
			Tokyo					

Order by frequency

ting power and most likely time of the year the frequency will be in use. A reverse listing shows the same stations by order of country and city. All shortwave broadcasters — from Taegu, North Korea on 2510 kHz to the BBC on 26.496 MHz — are listed including internationals, tropicals, regionals, domestics, etc. Medium wave listeners and DX'ers will be interested in the detailed lists of all European broadcasters from 151 to 1612 kHz. The opening pages of the GUIDE TO BROADCASTING STATIONS introduce the reader to the mysteries of antennas, propagation, signal identification and sending reception reports to radio stations. 202 pages. 7½ x 5.

99 Ways To Improve Your Shortwave Reception (Len Buckwalter) **\$3.95**

Here's a book written for the shortwave listener that wants to improve reception of all distant stations. Author Buckwalter has assembled 99 "hints and kinks" that will smooth the transition from being an inexperienced beginner to becoming an avid DX'er. These are the little secrets that most longtime listeners take for granted — forgetting that they were also once beginners. For the readers convenience, the hints are divided into categories: Antennas, Receivers, QSL's, Techniques, Special Signals, Interference, Troubleshooting and Miscellaneous. Each hint is given a thorough discussion and the book contains numerous photographs and drawings. 144 pages.

From Semaphore to Satellite \$5.00

We recommend this book to anyone interested in the history of "communications." It is a lavishly illustrated 300-page hard cover book published by the International Telecommunications Union, Geneva, Switzerland. The 1000-plus drawings, paintings and photographs depict the invention, development and usage of radio, radar, telegraphy, television and facsimile from the 18th century to the 1970's. The captions and text make this a very readable package — by far, the most impressive book on communications and broadcasting ever published. Makes a fantastic gift. Double-boxed.

SWL Antenna Construction Projects (Edward M. Noll) \$2.95

How well you are able to hear the signal of a distant (DX) shortwave radio station depends on receiving conditions, as well as, your receiver and its antenna.



This assumes, obviously, that you know exactly where and when to tune, and that the station you are seeking is on the air. In some instances, adding a PM-IICX preselector ahead of the receiver will amplify a weak signal to audibility. Another method of improving reception is to experiment with your receiving antenna. This book was written for the shortwave listener willing and able to do some antenna experimentation. The author tells why a good antenna is necessary and exactly what distinguishes a good antenna from a bad antenna. There are 35 different antenna construction plans. These plans include indoor and outdoor antennas, vertical antennas and horizontal antennas, long wires, beam antennas, and even multi-band antennas. Just about everything you can think of on the subject of SWL antennas. Only book of its type. 128 pages.

I.R.C.A. Foreign Log (Father Jack Pejza) \$3.50

One of the most challenging aspects of DX'ing is hearing a trans-Atlantic or trans-Pacific broadcasting station in the medium wave AM band. In case you think that such DX'ing is impossible, take a look at this new edition of the IRCA FOREIGN LOG. Here is a frequency-by-frequency listing of all AM band DX stations heard in North America and reported to the IRCA between June 1972 and July 1973. Details are given of the dates and times of reception, programming and signal strengths. There is a list of stations heard by call and a list of verifications reported. This book is a fascinating account of medium wave DX'ing during the preceding season and a MUST BUY for anyone DX'ing this part of the spectrum. 144 pages.

CONFIDENTIAL

Frequency List \$3.95

(Robert B. Grove)

Have you ever wondered who operates all of those radio transmitters you can hear outside the broadcast and ham bands? And, what they're doing? While it would be impossible to identify every single one (there are 600,000 stations and networks) the latest CONFIDENTIAL FREQUENCY LIST can give you an idea of the kind of stations in operation and identify several thousand of them for you. Packed with information available from no other source, the "CFL" lists frequencies, callsigns and schedules of 34 different services:

Radioteletype (RTTY)	Transcribed Weather	Time/Standard Frequencies
U.S. Coast Guard	Interpol	Foreign Embassy
AMVER	CIA	U.S. Military
Broadcast Feeders	USAF Global	In-flight Telephone
Canadian Aero	Emergency	Military CW
ARGUS	Fixed Service Heard	L.F. Marine Beacons
Royal Flying Doctor	Florida State Guard	VOLMET
Territorial Police	Coastal CW/Telex	Ice Patrol
Spy & Numbers	CAP	Military (Foreign)
Aero In-route	CW Press	Alaskan Loran
Weather Forecasts	Firestone Rubber	Potpourri
	Hurricane Hunters	

All lists uniformly arranged by frequency for ease of identification. The information has been checked against the publications and listings provided for this purpose by the International Telecommunications Union. There is no VHF or UHF material. Pages oversize — 7" x 11". 64 pages.

Logging and Record Sheets \$2.00

Every serious listener finds it advantageous to keep a day-by-day log of the important stations being heard. Using a logging and record system, new stations on the air can be identified and the "history" of your DX'ing activities compared with published lists from clubs, magazines, etc. The Logging Sheets that we offer were designed to provide optimum space for each station entry. You record the date, time, call or slogan, frequency, program, SINPO, etc. There is space left for QSL information. The sheets are padded (75 sheets — 450 entries) with a cardboard backing. They are also pre-punched for a 3-ring notebook binder (8½x11). This is a very professional appearing method of record keeping. Repeat orders discounted.

Bulletin/Books



World Radio Bulletin

\$8.75

Hundreds of users of the World Radio & TV Handbook find it advantageous to subscribe to the schedule-updating service of the WORLD RADIO BULLETIN. Published 26 times a year as a small newsletter, the "WRB" is edited and published in Scotland. Each issue contains a combination of reports on schedule and frequency changes noted by other subscribers, plus detailed scheduling information supplied by dozens of shortwave broadcasters. Editions are air-mailed from Scotland and usually arrive in North America within 72 hours. GILFER is the Sole Agent for the WRB in North America. Specimen copies are available (send self-addressed stamped envelope).

Shortwave Listener's Guide

(H. Charles Woodruff)

\$2.95

If you want an abbreviated listing of shortwave broadcasting schedules and frequencies, the new edition of the SHORTWAVE LISTENER'S GUIDE is worth investigating. This book contains one of the simplest and easiest to use listings.



we have to offer. The listings are divided into 3 convenient sections: a worldwide alphabetical list of about 500 broadcasting stations according to country; a list according to frequency (in numerical order); and a "time period" listing by country and broadcasting schedule. All lists are in Eastern Standard Time. The author has selected those stations most likely to be heard, or might be heard, in North America. What we see in this book is a tradeoff, sacrificing thoroughness for convenience and brevity. The LISTENER'S GUIDE closes with an 8-page section listing a few of the more active clandestine broadcasters. This is a good

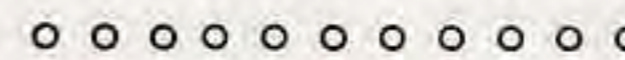
book for the beginner, or the casual listener to the more popular international shortwave broadcasting stations. 128 pages.

Radio Amateur Callbooks

\$9.95 and \$8.95

Several years ago, the publisher of the Radio Amateur Callbooks introduced a system of printing one complete Callbook per year of U. S. Hams and another complete book of Foreign (non-USA) Hams. These issues were released in late December. For an additional sum, the user could subscribe to 3 "Service Editions"—released in March, June and September. The Service Editions being essentially updaters. The system has proven to be successful and is well-received by all users of the Callbooks. For 1974, the price of the U. S. Ham Callbook will be \$9.95 and the Foreign Ham Callbook will be \$8.95. The Service Edition subscriptions will be \$6.00, each. Individual issues of the Service updaters are not available. Buyers may include the additional \$6.00 with their original purchase price, or subscribe directly to the publisher (necessary information enclosed with Callbook).

Accessory/Book



GILFER PM-IICX Preselector

\$50.00

It's unfortunate, but true, that about half of the shortwave receivers in use need some extra signal amplification between the antenna and receiver. The "PM" preselector is a tunable r.f. amplifier designed to perform this function. It will amplify radio signals and simultaneously tune your antenna for maximum efficiency. With a "PM" preselector you can expect to approximately quadruple the strength of all shortwave signals fed into your receiver. The tuning range of the "PM" is bandswitched from 2.8 to 31 MHz. Manufactured in England, the circuit includes a low-noise field-effect



transistor for freedom from cross-modulation and a bi-polar transistor amplifier. The front panel controls include GAIN, ANT LOAD, RANGE and TUNE. There is provision for feeding your receiver directly from the antenna and a pilot light to show 117-volt a.c. power-on operation. The antenna input connection is a phono jack in parallel with a screw terminal strip. The output is a phono jack to a coax cable (supplied). The "PM" measures 7" w x 3" h x 6" d and is in an attractive gray finished cabinet. The amplified output of the "PM" is low impedance and is not suitable for use with some low-cost transistorized portable receivers.

SWL Address Book

(Gerry Dexter)

\$2.95

What is the easiest station to QSL in Brazil? Who is the verification signer at Qatar? How long does it usually take to get a report verified by the Sierra Leone Broadcasting Service? All of these questions*—and hundreds more—are answered in the brand-new edition of the SWL ADDRESS BOOK. Prepared by Gerry Dexter (210 countries heard and 206 countries verified), the ADDRESS BOOK lists the mailing addresses of over 675 shortwave broadcasters, plus the name and title of the verification signer (of value when a QSL is difficult to obtain and you need to attract someone's attention). A coding system (see example) tells the type of

Radio America, PRE7/11,855
C.P. 7200, Villa Mariana, Sao Paulo, Brazil
v/§ Sr. Lucas Caravina

LQSL-P-ACI-TX**

response from the station, delay to be expected, availability of pennants, IRC or mint stamp requirements, tape recording acceptance, etc. This book is a MUST if you are seeking QSL verifications, or writing for further information to any shortwave broadcaster. Periodically updated. 64 pages.

*"Radio America", Mahmoud Shadid and more than 17 weeks.

**Sends letter QSL; has pennant; complete verification details in about 4 weeks for IRC; not known to appreciate tape recordings.

Franklin 24 Hour Wall Clock

\$18.00

GILFER has located a manufacturer of a 24-hour wall clock we believe of interest to shortwave listeners. The clock we recommend is only 8 inches in diameter, but the



numerals are large and easily read from a distance of 8 feet. Powered by your 60-Hz house wiring line, the accuracy of the clock is remarkably high. The clock has a white face with black numerals and a red sweep second hand. The shorter hand on the clock should be set to read the hour in GMT and the longer hand to read minutes past the hour. We have found the sweep second hand of very great benefit in recording program timing

information for reception reports. A similar model, but measuring 12 inches in diameter is available on special order for \$21.50 (plus \$1.00 shipping/insurance). Cordless battery models (without the sweep second hand) are also available on special order. Please add \$1.00 shipping/insurance.

Caringella 6-Digit Desk Clock

\$80.00

All-electronic clock accurately displaying hours, minutes and seconds in large easy-to-read numerals. This is one of the most attractive electronic clocks we've



seen offered to the general public. The numerals are clearly visible from across the room in bright daylight and for night comfort the brightness of the display may be dimmed. Operates from the 117-volt house line with the time base controlled by the 60-cycle frequency. Accuracy is within seconds per month. Mounted in a

smoke-gray "see thru" cabinet measuring only 7" w x 3" h x 4" d. Reliable long-life display with 2-year warranty. Silent operation, introduces no radio interference. Delivered from the factory to us with a 12-hour display, GILFER will alter the clock for a 24-hour (GMT) display, if requested. Add \$1.00 shipping/insurance.

To order--use ORDER BLANK
or: write

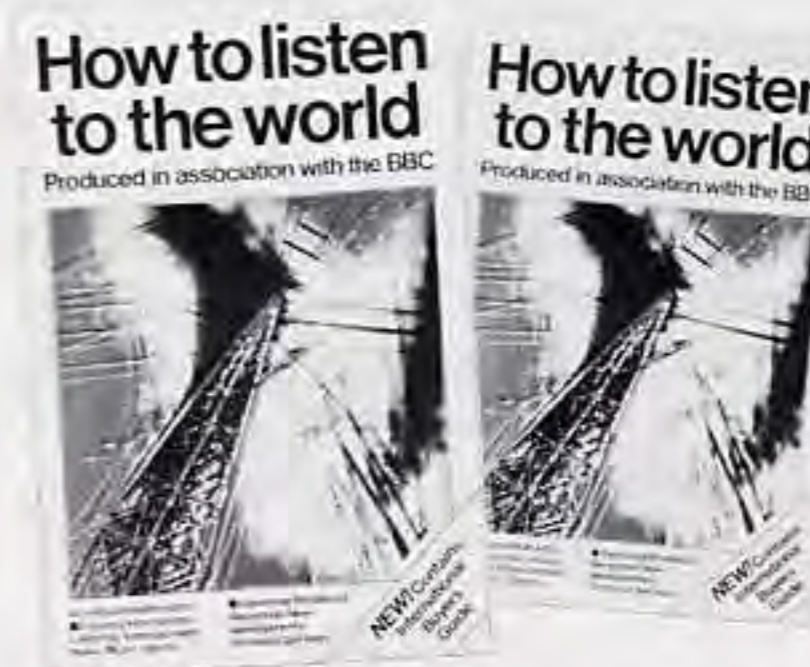
(all prices subject to change
without notice)

GILFER Associates, Inc.
P.O. Box 239 Park Ridge, N.J. 07656

How To Listen To The World

\$4.95

The publishers of the World Radio and Television Handbook have just released this companion book — HOW TO LISTEN TO THE WORLD 8th Edition 1974. In a departure from previous issues, the latest edition of the popular "HTL" has been produced and edited in cooperation with the British Broadcasting Corporation. Many of the short feature articles reflect shortwave broadcasting activities of the BBC. In fact, you could easily say that the new HTL is an insider's view of the workings of the BBC: their programs, their personnel, their news services, their relay stations, etc. If you have ever wondered how a major shortwave broadcast operates from day to day and broadcasts in such a variety of languages, the new HTL will tell you how.



Some Chapter Headings:

- Receiving London
- BBC Monitoring Service
- "Letterbox"
- BBC Atlantic Relay
- World Service Pop Club
- BBC International News
- Round the Clock
- BBC Aims in Broadcasting
- The Newsreaders
- English Through Pops
- About Those Common waves
- Managing the Spectrum

Mixed in with the BBC story is a variety of interesting articles on such topics as; TV DX'ing, VHF DX'ing in Thailand, Logs and Record Keeping, Canada's LPRT stations, Latin American listening, Your First 20 Countries, DX Antennas, etc. The edition closes with an International Buyers Guide showing most of the equipment commonly available in Europe. 168 pages.

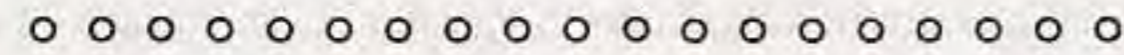
Wire Antennas For Radio Amateurs

(W. I. Orr)

\$3.95

Although the title of this book makes it appear as though all of the material is directed toward amateur radio operators (hams), we found that WIRE ANTENNAS contains an enormous amount of valuable information for the shortwave listener. If you have the outdoor yard space to erect an antenna, you should try out one of the "DX Dipoles", or an end-fed long wire for the 60, 90 or 120 meter bands (also medium wave). The author provides exact details on how to build dozens of different antennas—including a universal wire antenna system. If you're restricted to an apartment, the chapter on "Invisible Antennas" is worth the price of this book—particularly the part on how to convert a pole lamp into a shortwave antenna resembling the famous Joystick. There are concise, logical explanations of resonance, impedance and stand wave ratio (SWR); plus plans for tuners, baluns, and antenna masts. 188 pages. 99 illustrations.

Antennas



Mosley SWL-7 Receiving Antenna

\$30.00

For the listener who tunes the important International Broadcasting Bands, the Mosley SWL-7 antenna is the most popular item of its kind that we sell. Through the use of 8 pre-tuned sealed electronic "traps," the SWL-7 antenna is made to resonate in the 11, 13, 16, 19, 25, 31 and 49 meter bands. Resonating the antenna will double or triple the received signal strength of stations in those bands when compared to the signal heard using the same length of unresonated wire. A typical trap is shown in the photo to the left. The SWL-7 antenna is a kit and is shipped disassembled and will require about one hour to erect. You will need about 45 feet of air space about 20-25 feet above ground level. Technically, the SWL-7 is a tuned dipole fed from the center with 75-ohm twinlead cable (supplied in a 100-foot roll). GILFER does not recommend the SWL-7 for listening to the medium-wave or tropical wave bands (60 and 90 meters); although the manufacturer claims that through use of his special balun (Model TR-57, sold separately from GILFER for \$8.00) the SWL-7 will automatically tune to other bands. We ship this antenna via UPS, whenever possible. Please add \$1.50 for shipping and insurance.



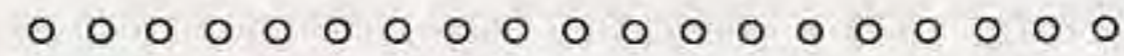
Joystick/Joymatch Indoor Antenna System

\$60.00

The British Joystick/Joymatch Antenna System has achieved worldwide fame as the ideal indoor shortwave receiving antenna. The system has 2 parts: the Joystick Variable Frequency Antenna (VFA) which is a center-loaded 89" long tubular rod (supplied in 3 sections that screw together) and the Model III-A Joymatch tuner. Shortwave signals intercepted by the Joystick are fed down a single wire feedline (supplied) to the Joymatch tuner. By adjusting the 3 controls on the tuner, you can resonate the Joystick to any frequency in the shortwave bands between 1.6 and 32 MHz. The output of the tuner is electrically coupled through a coaxial cable (supplied) to your receiver. All connections to the tuner are Americanized (not BNC or British phono). A reasonably good electrical ground is required. Of course, the Joystick system is not a "miracle" device and there must be some radio signal in and around the VFA for the system to function. Nevertheless, a properly assembled and adjusted indoor Joystick system will capture the maximum amount of shortwave radio signal present. Please add \$2.00 for shipping and insurance.



Antennas



Mosley SWV-7 Receiving Antenna

\$43.00

Tests have repeatedly shown that the properly erected SWV-7 will outperform any other receiving antenna designed exclusively for the 11, 13, 16, 19, 25, 31 and 49 meter International Broadcasting Bands. The SWV-7 is a vertical antenna measuring just over 13 feet tall with an encapsulated pre-tuned loading coil in the center. GILFER recommends that the SWV-7 be mounted above your rooftop (the manufacturer claims the SWV-7 can also be mounted at ground level and achieve comparable performance) and that the 7 recommended radial wires be strung out from the base insulator. The radials resemble spokes of a wheel, although they vary in length from 10 to 38 feet. The manufacturer does not supply the wire and insulators for the radials, nor the necessary coaxial cable feedline. While difficult to erect, GILFER has had one of these antennas in use for 5 years without any sign of trouble or signal strength deterioration. Because the package for this antenna is "oversize," we urge prospective buyers to contact us beforehand to learn of possible shipping problems. The nominal extra charge for shipping with UPS delivery is about \$3.00.



Aegis AF-1A Noise & Static Reduction Antenna

\$35.00

This is the only receiving antenna that we've seen that has been designed to limit the intensity of electrical noise and static — without interfering with radio signal pickup. This antenna system is our exclusive import from Australia — where the AF-1A is

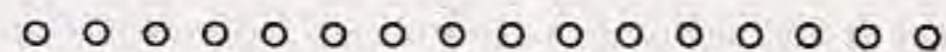


used for reception in the sub-tropical region. Sold completely assembled, you need to make only 5 simple electrical connections. This is an outdoor antenna requiring an open span of about 45 feet that is 25-30 feet above ground level. A special Faraday shielded transformer at the end of the antenna feeds the signal down the transmission line to your receiver. At the receiver, you can either feed the signal right into the input terminals (for low

impedance coupling) or use a duplicate transformer for high impedance coupling. Both transformers have noise-bucking windings. While no antenna will eliminate electrical noise pickup (nor eliminate static), we have found that the design of the AF-1A does help limit the intensity and level of such disturbances. Please add \$1.00 for shipping and insurance.

NOTE: The antennas shown on these 2 pages are the most popular models we have in stock. Medium-wave loops, ham-band antennas and single-band dipoles are available on SPECIAL ORDER — detail your requirements for a price quotation. Many home-brew antenna projects are carefully detailed in Orr's "Wire Antennas" (\$3.95) and Noll's "Antenna Construction Projects" (\$2.95) — see order blank.

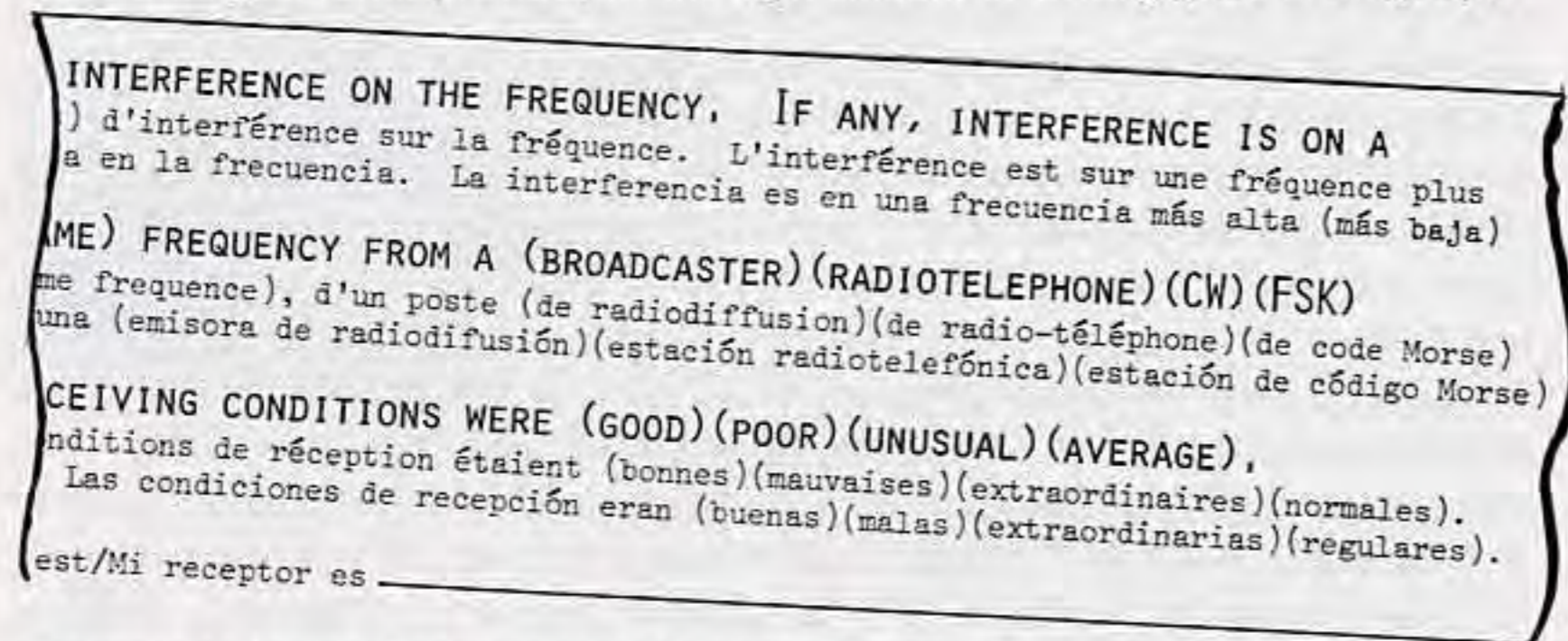
Accessories



Reception Reporting Form Letters

\$2.00

These are GILFER's special tri-lingual Reception Reporting Forms that get fabulous results in QSL cards and pennants. Each important English language phrase is translated (line for line) into French and Spanish. Designed for typewriter spacing, these tri-lingual forms provide just the right amount of writing space in the proper



sequence to insure that your reception report receives immediate attention. Blank space is provided for filling in the callsign (or slogan), frequency, date, time (local and GMT), program heard, SINFO, notes on interference from other stations, your equipment list and any "Remarks." Padded (50 letters) with a cardboard backing sheet. Repeat orders available at a discount.

QSL Card Display Album

\$5.95

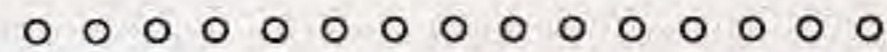
Every shortwave listener takes great pride in the colorful QSL cards he receives as proof of reception. We know of no better way to display your QSL cards than in



these sturdy simulated-leather finish albums. There are 50 transparent 5"x7" pockets of soft pliable Polystyrol. Each pocket has a flap to seal out dust and dirt. The black backing filler in the pocket may be removed so that both sides of the QSL card can be

displayed. Additional pockets are available from GILFER stock for 10¢ each. Albums are available in green, red, blue and brown exteriors. When ordering, please specify choice of color and optional second choice. These albums are particularly welcomed as gifts.

Headphones



Telex Headphones-HTC-2 "Twinset"

\$15.00

These are the lightest weight twin-magnetic headphones we've ever seen. With a weight of only 1.6 ounce, the HTC-2 "Twinset" is naturally a great favorite among listeners that must wear eyeglasses. The dual-magnetic transducers (sometimes called "receivers") rest on the temples—away from your ears. The sound produced by the transducer is fed into the ear canal through an adjustable tubular sound arm mounted on a ball and socket joint. Because the arm can be adjusted in length and



position, pressure on the ear is virtually non-existent. One of the arms can be turned away from the ear canal to permit room conversation without removing the headphone set. The HTC-2 "Twinset" is very sensitive and although the sound is not hi-fi, the quality is excellent for speech intelligibility. Supplied with a standard phone plug on a detachable 60" long thin plastic-covered cable. These are low impedance headphones—3.2 to 20 ohms.

Telex Headphones CS-7

\$28.00

GILFER has sold hundreds of these headphones in the past few years. We are firmly convinced they are the best headphones you can buy at the price we offer. The sound

they produce is full fidelity and neither strident nor too bassy.

In hi-fi terms, the CS-7 has a non-fatiguing sound. These are very sensitive 600-ohm headphones for AM, CW or SSB reception.

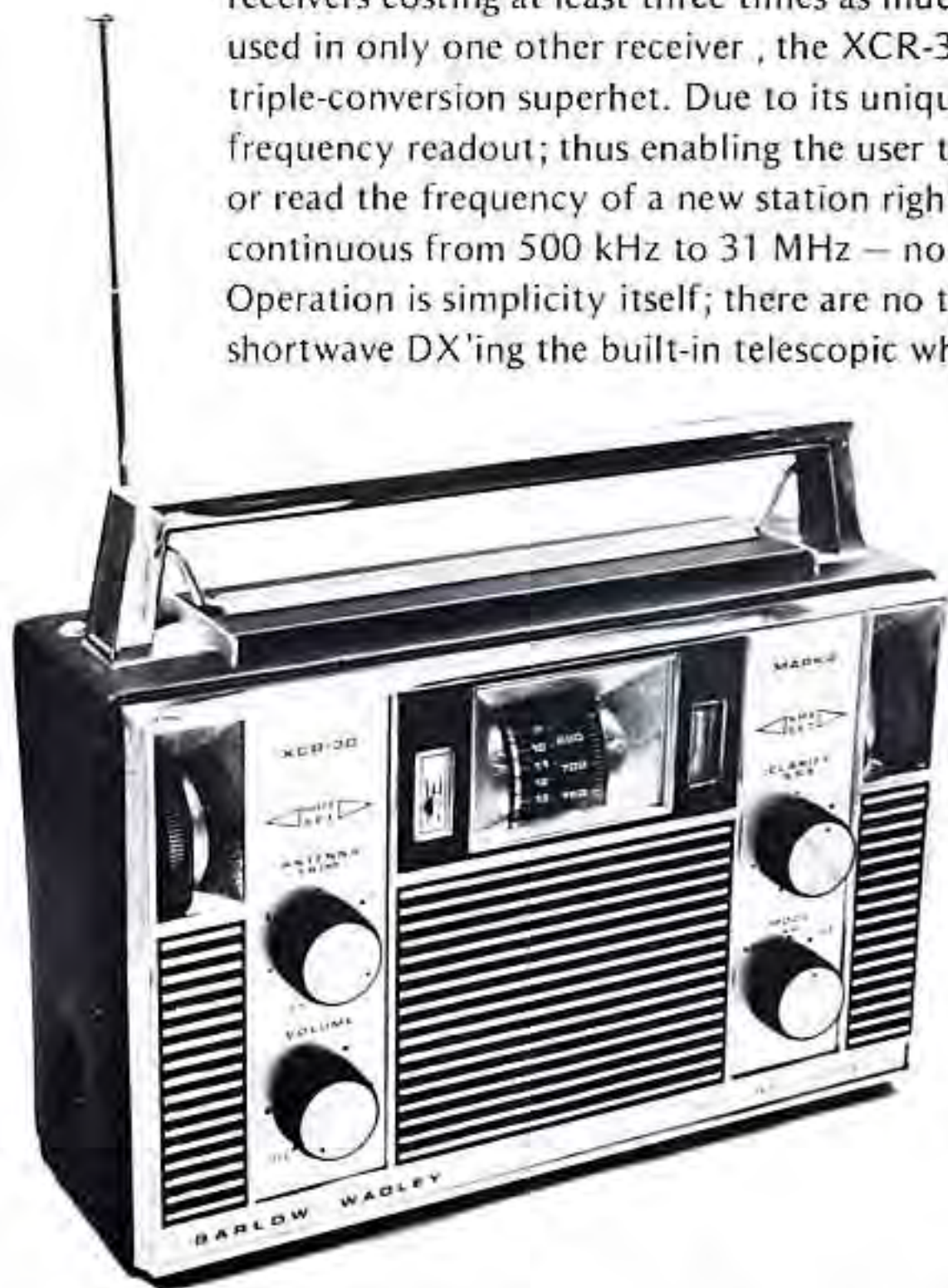
Manufactured to very strict professional standards, the CS-7 has a moving coil



transducer protected by a stainless steel grill in the earcup. The headband is also stainless steel with adjustable nylon pads. Each earcup has an ABS plastic filled flexible surround to eliminate outside sounds. Please add \$1.50 shipping/insurance.

The **BARLOW WADLEY** is back!

Yes, GILFER once again has Barlow Wadley XCR-30 receivers in stock. This remarkable South African portable has features you would expect to find in receivers costing at least three times as much. Designed around an electronic circuit used in only one other receiver, the XCR-30 is an all solid-state -18 transistors - triple-conversion superhet. Due to its unique circuit, the XCR-30 has direct frequency readout; thus enabling the user to dial the desired receiving frequency, or read the frequency of a new station right from the dial settings. Tuning is continuous from 500 kHz to 31 MHz - no breaks and NO BANDSWITCHING. Operation is simplicity itself; there are no tricky adjustments and for 95% of your shortwave DX'ing the built-in telescopic whip antenna will do the job.



\$254 95

(delivered)

**Best Shortwave Portable
Greatest 2nd Receiver
Use on Field Days
Perfect for the DX Safari
Ideal for the Newcomer**

The worldwide demand for this unusual continuous-tuning shortwave receiver has been phenomenal and stockpiling is virtually impossible. GILFER (after some delivery difficulties and other problems in early 1973) now has a revolving stock with a continuing flow of receivers scheduled throughout 1974. We urge all interested parties to place orders early to insure prompt delivery.

GA

This is our 20th year - during which we have become the world's largest single-source supplier of items for shortwave listening and radio monitoring. We stock ITU publications and many speciality receivers - Drake DSR-1, Eddystone 1001 and Galaxy R-1530. Write for information and quotations.

GILFER Associates, Inc.

P. O. Box 239 (52 Park Ave.) Park Ridge, NJ 05676