

HALF CENTURY GROUP

NORTHEAST WISCONSIN DX ASSOCIATION

W9DXA

NEWDXA recognizes and salutes members who have been a licensed amateur radio operator continuously for a minimum of FIFTY YEARS.

ED DOUGLASS - AA9OZ - (WN9ZDZ) - STURGEON BAY, WI - JAN/1949

JUD MANGERSON - W9IAL - (WN9IAL) - RHINELANDER, WI - JUN/54

MARK MICHEL - W9OP - (WN9PJT) - NEENAH, WI - MAR/55

JACK HUDSON - W9MU - (KN9BW0) - RICHMOND, IL DEC/55

FRED NEUENFELDT - W6BSF - (KN9DGE) - MANITOWOC, WI - JAN/56

TOM LISKA - K9CJM - (KN9CJM) - WISCONSIN RAPIDS, WI - FEB/56

GENE A. OLIG - KD9ZP - (KN9BOE) - FOND DU LAC, WI - OCT/56

DENIS CHRISTOPHERSON - K9JIG - (KN9JIG) - DEPERE, WI - AUG/57

CHUCK THEISEN - K9IA - (KN9QYC) - THE VILLAGES, FL - JAN/58

B. PETER TREML - K8PT - (KN9LIT) - MARQUETTE, MI - FEB//58

JIM SHEETZ - K9OQO - (KN9OQO) - APPLETON, WI - JUL/58

TOM PRUST - N9WI - (KN9ZLZ) - GREEN BAY, WI - JUN/59

TOM MARTIN - W8JWN - (K9SNX) - IRON MOUNTAIN, MI - JUL/59

GEORGE R. CROY - W9MDP - (KN8TMO) - APPLETON, WI - JUN/60

DWIGHT BOSSELMAN - NS9I - (WN9BLH) - LITTLE SUAMICO, WI - JAN/61

DUANE PURO - K8AO - (KN9DVK) - GLADSTONE, MI - MAR/61

GERRY RADTKE - WA9GON - (WN9GON) - APPLETON, WI - JAN/63

UPDATE/2013

The following pages should bring back pleasant memories to the above amateurs.
We hope you will recognize some of these items.



Incomparable Value!



Model SX-100
Amateur Net \$295.00

SX-100 selectable sideband receiver proved best in its field by far!

from... **hallicrafters** ...where the best ideas in communications are born.

Chicago 24, Ill.
Export sales: Phillips Export Co., 100 E. 42nd St., New York 17, N. Y.

1957

- In all our quarter-century of manufacturing, no Hallicrafters design has received more enthusiastic approval than the SX-100 receiver.
- How have we measured this approval? *First*, by the letters we receive—more favorable comment than ever before. *Second*, by the conversation we hear on the air from owners and observers alike. *Third*, by sales—the SX-100 is one of the *fastest selling communications receivers* we ever designed. Never before has there been available a receiver with all these quality features at such a reasonable price. Better look into it yourself, today. Your jobber has the details.
- 1. Selectable side band operation.
- 2. "Tee-Notch" Filter—This new development provides a stable non-regenerative system for the rejection of unwanted heterodynes. The "Tee-Notch" also produces an effective steepening of the excellent 50 KC. I. pass band (made famous in the SX-60) and further increases the effectiveness of the advanced exalted carrier type reception.
- 3. Notch depth control for maximum null adjustment.
- 4. Antenna trimmer.
- 5. Plug in laboratory type evacuated 100 KC Quartz crystal calibrator—included in price.
- 6. Loading dial for both tuning controls.
- 7. Full precision gear drive dial system.
- 8. Second resonant oscillator crystal controlled—greater stability through crystal control and additional temperature compensation of high frequency oscillator circuits.
- 9. Frequency range: 538-1580 kc. 1720 kc-34 mc.

CONTROLS
Pitch Control • Reception • Standby
Response control (upper/lower side band selector)
Antenna Tilter • Notch depth
Notch Frequency • Calibrator on/off • Sensitivity • Volume Band Selector • Tuning • AVC on/off
Noise limiter on/off
Bandspread • Selectivity.

YES HENRY HAS ALL THE NEW EQUIPMENT FIRST!



NC 300

Receiver Features greatest sensitivity of any ham receiver at any price. 20 monthly payments \$18.31. \$37.00 down. Cash price \$369.95



6146 has been around forever

INSTRUCTION MANUAL for the

WRL

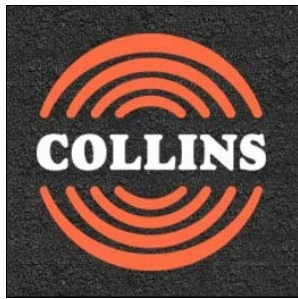
"Globe King"

TRANSMITTER MODEL 500B

Manufactured by WRL ELECTRONIC, INC.
Crescent Bluffs, Iowa

WORLD RADIO LABORATORIES, INC.





Leo Says: **"Designed ALL THE WAY for the Amateur!"**
World Radio Laboratories!"
 "The World's Largest Distributor of Amateur Radio Equipment!"

the HAMMARLUND HQ-110

A top amateur receiver for full coverage of 6, 10, 15, 20, 40, 80 and 160 meter amateur bands. 12-tube dual conversion superheterodyne. Separate linear detector for SSB and CW Q-multiplier. Separate stabilized beat-frequency oscillator for SSB and CW reception. Built-in 100 KCS crystal calibrator 2nd conversion oscillator crystal controlled. Amateur net, less Telechron clock-timer: \$229.00. Clock-timer, \$10 extra.

\$22.90 Down \$13¹⁷ per mo.

New, Improved, WRL Xmtrs.!
 Globe Chief 90A Kit: \$29.95; \$5.00 per mo.
 Globe Scout 680A Kit: \$99.95; \$8.25 per mo.
 Globe Champion 300A Kit: \$399.00; \$22.95 per mo.
 Globe King 500C: \$795.00; \$45.75 per mo.

FREE 1958 CATALOG!
 More than 15,000 bargains for the amateur, hi-fi-ist, experimenter. Send for your copy today!

Dear Leo: Please send your FREE catalog . . . and more information on: Hammarlund WRL Xmtrs. Reconditioned Eqt. List

World Radio Laboratories
 1415 W BROADWAY COUNCIL BLUFFS IOWA

NAME: _____
 ADDRESS: _____
 CITY & STATE: _____

120

SWAN ELECTRONICS
 308 Airport Road, Orangevale, Ca. 95664

THE FINEST AMATEUR RADIO EQUIPMENT FOR MAXIMUM OPERATING PLEASURE

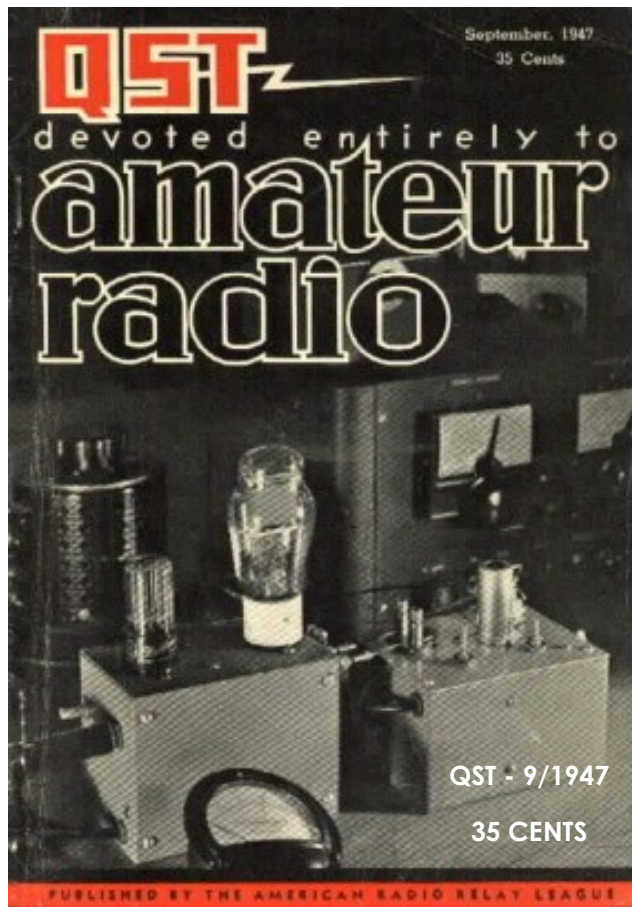
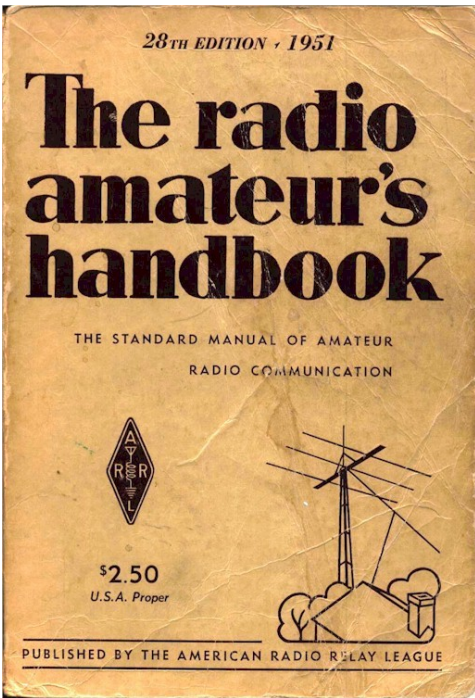

600T TRANSMITTER 10-80 meters, 600 watts
600R RECEIVER 10-80 meters

ALLIED ELECTRONICS FOR EVERYONE 1966

INCLUDES THE COMPLETE **knight-kit** CATALOG


ALLIED RADIO



WHAT A DIAL!

4 General coverage scales
5 Bandspread scales
Plus a logging scale



WHAT A RECEIVER!

Covers 550 kc. — 36 mc.
Voice, CW, RTM (with adapter), National Select-O-Jack built in (excludes any selected audio frequency 45 kc. or below 28 kc.). Three microvolt sensitivity (at 18 db signal-to-noise ratio in 10-meter band) S-meter, AVC, AML, ANT, TRM, Variable CW switch control, Separate RF and audio gain controls, Volt. reg. sec. Jack for phone or RTM adapter. Audio essentially flat to 10,000 c.p.s.

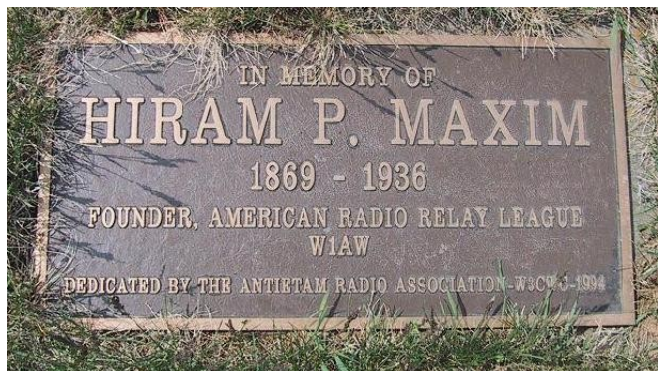
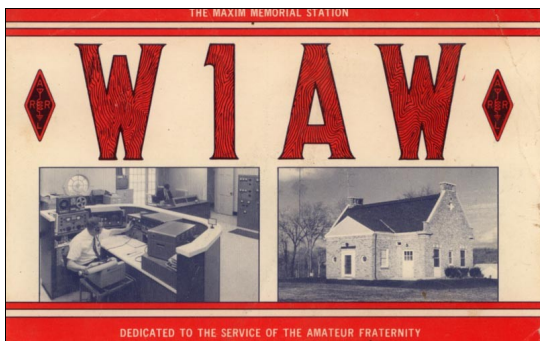
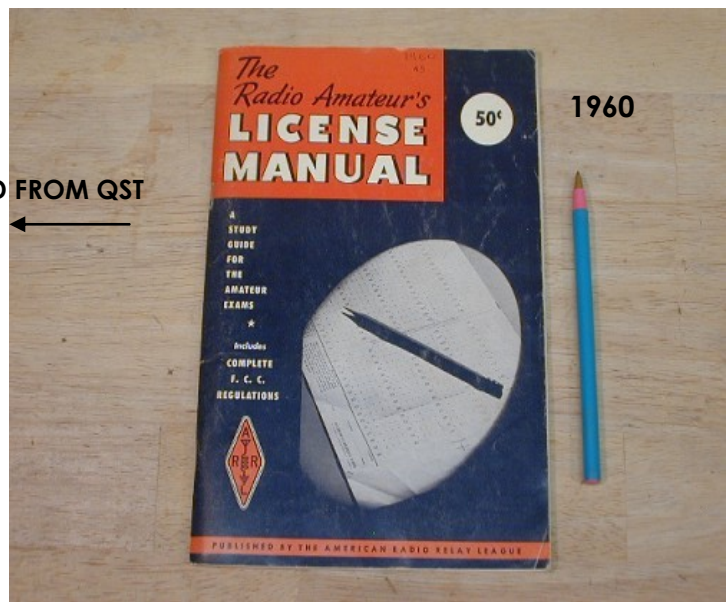
WHAT A VALUE!

\$14950*

NC-125 TS (matching speaker) \$11.00
*Slightly higher west of the Rockies.

National
THE NATIONAL COMPANY, Inc.
WALDEN, MASSACHUSETTS

AD FROM QST



New GLOBE SCOUT Bandswitching Transmitter Model 65 B



CHECK THESE FEATURES

- Bandswitching.
- TVI Shielded Cabinet.
- Pi Network - Antenna Tuner.

Compact - Only 8" high, 8" deep, and 14" wide.

A number of changes have been incorporated to make this transmitter one of the best values you have ever seen. A beautiful compact transmitter completely self-contained, including power supply. Rated 85 watts CW/85 watts phone. Contains 6146 tube in final. Covers 160 meters through 10 meters with complete bandswitching. Metering circuit provides for meters of final grid, final plate circuits and provides for modulation circuits. Selector switch for crystal or external VFO operation. Combination pi-network antenna tuner assembly will work into any antenna impedance from 12 to 1000 ohms. May be used with doublet, folded dipole, beam antenna, or any random length wire (preferably $\frac{1}{4}$ wave length at lowest frequency). Coaxial output provided for antenna. All main operation controls are on front panel. Three stage modulator allows complete modulation of the final. Any high impedance microphone may be used. An ideal transmitter for the Novice or the experienced Ham. Trans-

mitter may be used for mobile work with suitable power supply (auxiliary socket provided). B+ and filament voltages for external VFO available at this socket. Tube lineup: 514 rect., 6146 final, 6Y4 osc., 6L6 mod., 6CS speech amp., and 6B77 mic. amp. A complete kit including all parts, chassis, case, power supply, streamlined cabinet, tubes, meter and complete, detailed instructions for kit assembly. Size: 8" H x 14" W x 14" D. Sh. wt. 27 lbs.

1000A026K, (Kit) Net 89.95

Terms: 9.00 Down - 8.00 Per Month

(Wired) Net 99.95

1000A020W, (Wired) Net 99.95

Terms: 10.00 Down - 8.00 Per Month

Accessories

VFO - See Page 1 for WRL VFO Model 755. Crystal, 160, 80 or 40M (40M used on 10-20). See page 27. Each . . . 2.88

53A008, 2T-30 microphone and stand 9.97

50B025, Johnson 114-300 Key 1.94

New GLOBE CHIEF Bandswitching Transmitter Model 90



CHECK THESE FEATURES

- 90 Watts Maximum Input. 75 Watts for Novice Use.
- Bandswitching.
- Pi Network - Antenna Tuner.
- Safe Grid-Block Keying.

The Globe Chief Transmitter, Model 90, is a new member of the world famous WRL series of transmitters. Designed primarily as a CW transmitter for the Novice, the Globe Chief incorporates several features that make it desirable to any Ham operator regardless of class of license. Completely self-contained in a handsome cabinet finished in gray heat-resistant. Ventilating grilles provide adequate ventilation and heat dissipation. The meter and cabinet are fully shielded for TVI reduction. Rated 90 watts full output all bands; 75 watts for novice use. Contains two 807 tubes in final. Covers 160 through 10 meters with complete bandswitching. Combination pi-network output circuit matches most antennas 12 to 1000 ohms. All operating controls on front panel. Safe keying through use of modified blocked-grid system. Voltage across the key limited to less than 75 volts. Provision provided for use with external VFO. Speech modulation.

for antenna change-over relay. Kit contains pre-punched chassis, all wires pre-cut to length and pre-tinned, and all necessary parts and components. Excellent instruction manual provided for assembly and operation. Dimensions: 8" H x 8" D x 14" W. Sh. wt. 27 lbs.

1000A075K, (Kit) Net 49.95

Terms: 5.00 Down - 5.00 Per Month

1000A075W, (Wired) Net 64.95

Terms: 6.50 Down - 5.50 Per Month

Accessories

1000A076K, WRL Screen Modulator Kit, Net 13.95

50B025, Johnson 114-300 Key, Net 1.94

54A131, Antenna Changeover relay, Net 3.75

Crystal, see page 27, Net 2.88

2 PURCHASE ANY EQUIPMENT ON MONTHLY PAYMENT PLAN - SEE PAGE 193



HEATHKIT TWO'ER



ELMAC AF-67



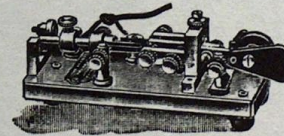
1968



VIBROPLEX No. 4 A Model of Beauty and Efficiency

The No. 4 is less than half the size of the Old Style Single Lever, and weighs only two and one-half pounds.

Handsomely finished in nickel plate with an attractive base of blue enamel . . . \$12.00
Nickel-Plated Base 14.00



A marvel of speed, smoothness of action, and ease of manipulation. Made especially to meet the demands of that large army of telegraph operators who desire a small, light-weight, but efficient sending machine. The same sending possibilities, the same carrying qualities that characterize the work of the Martin Vibroplex, together with the same strength and durability, are found in the Vibroplex No. 4.

Old Style Japanned Base (Single Lever) \$12.00
Nickel-Plated Base 14.00

THE VIBROPLEX CO. Inc.,

J. E. ALBRIGHT, General Manager.

Martin Vibroplex and Mecograph Transmitters
253 BROADWAY NEW YORK

knight-kit
SHORTWAVE KITS

Listen to All This and More...
World Sports Ships Planes

"Ocean Hopper" Package Includes All Accessories!

Set of 3 Coils
Headphone
Antenna Kit

Complete Package \$21.50
\$5 monthly

Here's everything you need for great shortwave listening in one handy package! Includes: Knight-Kit "Ocean Hopper" 6-Band Shortwave Receiver Kit, Set of 3 Shortwave and Longwave Coils; Single 1000-Ohm Impedance Headphone; and Antenna Kit for Outdoor or Indoor Mounting with Insulators, Wire, and Lead-In. Kit covers 165 kc through 35 mc, including the longwave, standard broadcast and 4 shortwave bands. With detailed instructions. Ship. wt., 10 lbs.
85 Y 008-6G, 85 Monthly..... 21.50

"Ocean Hopper" 6-Band Shortwave Receiver Kit
Includes Wood Cabinet

With Cabinet \$16.95

- * Covers 165 kc through 35 mc in 6 Bands
- * Uses Plug-In Coils for Complete Coverage of Longwave, Standard Broadcast, 4 Shortwave Bands
- * Has Antenna Tuner, Regeneration and Bandspread

Hours and hours of listening pleasure are packed into this top performer! One of the most popular kits ever offered, this economical set covers standard broadcast plus both longwave and shortwave. Efficient regenerative circuit, with handy plug-in coils, tunes from 165 kc through 35 mc. Listen to marine, navigation, distress, aeronautical, international shortwave, Ham, Citizens Band, other communication services plus favorite AM programs. Has bandspread, antenna tuning, regeneration controls. On strong local stations, operates 3-4 ohm PM speaker (not supplied). Includes cabinet, broadcast band coil, instructions. Less extra coils, antenna, headphones, below. 85 Y 749-G..... 16.95
83 Y 748-G, Set of 5 Plug-In Coils. Provide overlapping coverage of 165 kc to 35 mc with broadcast band coil in Ocean Hopper. 1 lb. 2.95

ACCESSORIES FOR SHORTWAVE LISTENING

83 Y 099-G, Antenna Kit. Insulators, wire, lead-in. 1 1/2 lbs. 2.50
83 Y 027-G, Dual Headphones, 2000 ohm. Tip pins, 12 ea. 2.00
83 Y 028-G, Single Headphone, 1000 ohm. Tip pins, 8 ea. 1.00

Space Spanner® Shortwave Receiver Kit

\$19.95
\$5 monthly

- * Coverage From 540-1700 kc and 6.5-17 mc
- * Beam-Power Amplifier and Built-In 4" Speaker
- * Front-Panel Control for Quick Bandswitching
- * Electrical Bandspread Separates Crowded Stations

Here fascinating overseas broadcasts on a receiver you build yourself! Low in cost, the 2-band Space Spanner pushes back the horizon as it reaches out for exciting messages from the farthest corners of the earth. Listen to news, music and drama from world capitals, calls from ships and planes, Ham talking and sending code on the 40 and 20-meter bands — much more — also favorite programs on the standard AM broadcast band. Selector switch permits quick changing between the 6.5-17 mc shortwave and 540-1700 kc broadcast bands. Electrical bandspread provides easy, accurate tuning and separates crowded stations. Beam-power amplifier and built-in speaker for plenty of volume. Has headphone terminals. Includes cabinet, all parts and detailed instructions. (See optional antenna, headphones, above.) 7 1/2 x 11 1/2 x 5 1/2". For 110-120 v., 50-60 cycle AC-DC. Ship. wt., 7 lbs.
82 Y 209-G, 85 Monthly..... 19.95

46 ALLIED Knight-Kits Have Colored Resistors For Quick Identification

No. 265 **ALLIED** Index: Page 1-8
Prices in Effect Until July 28, 1967

1967 SPRING CATALOG
Top Values • New Products • Cut Prices

ALLIED Exclusive

Wollensak

Exclusive Allied Closeout on Solid-State Stereo Tape Recorder

High-Fidelity 4-Speed Stereo Recorder with Features Found On Higher-Priced Recorders

Cut \$149.95
\$40.00

Was \$189.95
in Last Year's Catalog

Fully Portable

Model 5220. A feature-packed recorder at a special low sale price. Base-tone control panel and keyboard. Flexible and plays extracts stereo or mono at 7 1/2, 15, and 30 ips. Two built-in 6 1/2" speakers for stereo playback. Has variable tape filters, band demagnetization, self-adjusting broken TT motors, pause control, digital counter. Records from mike and phono inputs. Outputs for extra speakers, mixer system. Frequency: 40-17,000 cps at 7 1/2 ips. 10x16x7". With one mike. 1" takeup reel. For 110-120 v., 60 cy. AC.
15 S 7324 BU. Ship. wt., 30 lbs. 149.95
15 S 7040 BX. Extra mike. Ship. wt., 2 lbs. 13.50

NO MONEY DOWN—UP TO 2 YEARS TO PAY
SATISFACTION GUARANTEED OR YOUR MONEY BACK—no fine print

ALLIED RADIO 100 N. WESTERN AVE., CHICAGO, ILLINOIS 60680 (Area Code 312) HA 1-4800

WRL'S NEW
GLOBE KING 500B
with the **Built-In VFO**

540 WATTS
Fone, CW & SSB®
(P.E.P.)

Only \$38.10
per mo.

Pay \$69.90 Down
Cash Price: \$699.00

Sturdy - Compact!
Newly Styled! *With External Exciter

Completely Bandswitching, 160-10M. 540 watts on Phone and CW, on SSB with external exciter. Built-in VFO with illuminated dial. Pi-Network matches antennas 52-600 ohms. Completely TVI screened and by-passed. Provisions for SSB input and operation. Electronic Grid Block Keying with timed sequence. New audio compression circuit, using 6AL5 tube, holds modulation at high level without usual clipping distortion. New, easy-to-read, plastic meters. Separate power supply for modulator, allowing better overall voltage regulation.

"The Globe King 'Audio' Speaks for itself!"



Central Electronics 20A



WORLD'S MOST PERSONALIZED ELECTRONIC SUPPLY HOUSE

World Radio
LABORATORIES
PH. 2-0277

3415 W. BROADWAY COUNCIL BLUFFS, IOWA



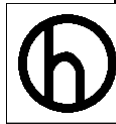
COLLINS RADIO COMPANY
 Designers and Manufacturers of
 Transmitters, Transformers and Speech Equipment

1967



knight-kit

HEATHKIT



AES
 Amateur Electronic Supply

54 Years Serving the
 Ham Radio Community

HARVEY has it...
 FOR IMMEDIATE DELIVERY

THE LATEST FROM *Collins*

Collins **KWM-1**

first SSB transceiver for complete
 Mobile or Fixed use

The revolutionary KWM-1, the first mobile transceiver to offer SSB. And this 14-30 mc 175 watt package is equally adaptable to fixed use with simple removal from a convenient mounting tray under the dashboard.

If you are a NEWDXA member with 50 years let us know so we can add you to the listing.