

The New
1962

General US-2

Industrial 2-Way Radio Communication

Farmers

Trucking

Deliveries

Plumbers

Contractors

Boating

Camping

Taxicabs

Emergency Equipment

Civilian Defense

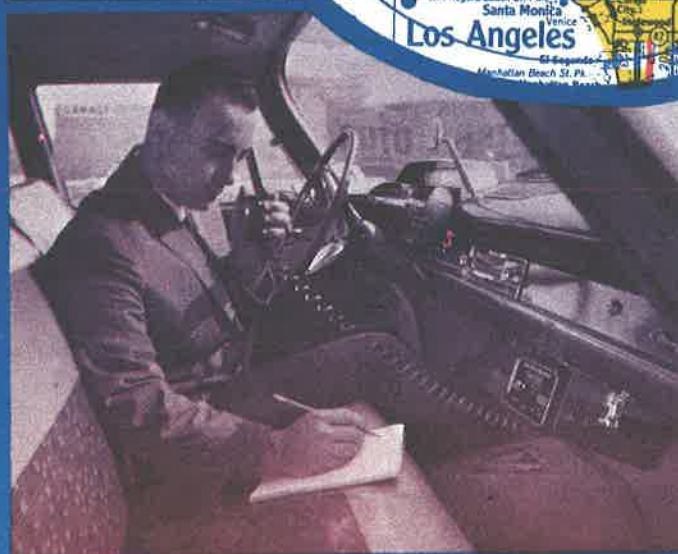
Aircraft

Salesmen

Appliance Service

Bus Services

Maintain
Contact
Throughout
Your World
Instantly,
Continuously



2700

Square Miles

of **MOBILE**

Communications

Dependable
Powerful
Rugged

Save up to 70 percent
Earn over \$2000.00 per unit

Turn page for details

General Radiotelephone Company, 3501 W. Burbank Blvd., Burbank, California.



▶ RANCHERS - FARMERS - DAIRIES - ORCHARDS - TRACTORS - Control of Planting - Harvesting - Plowing - Operational in sub freezing temperatures.

A New Concept in

NO OTHER SET HAS

1. Water Proof, Shock Proof, Mike Cartridge — 1 Year
2. Short Proof Transformer — 1 Year Warranty.
3. Transistor Power Supply — Low Battery Drain.

CARRY YOUR "PHONE" WHEREVER YOU GO

00 to 2700 square miles of instant, personal communication

INITIAL PURCHASE **SAVINGS OF UP TO \$400.00**

PLUS

5% more actual working-mans hours each day per mobile employee. This is the time saved by routing your men in the field with General Radiotelephone. No need for driver to return to office for instructions.

You may **earn \$2136.12 extra** per employee per year (based on national employment salary figures).

Contact your local General Radiotelephone dealer for actual demonstration to prove to yourself the money-making capabilities of "General" low cost radio communications. If no local dealer, call or write: General Radiotelephone Co., 3501 W. Burbank Blvd., Burbank, California. Phone Area Code: 13 849-6891.

No Obligation, of Course

INSTALLATION: 30 MINUTES



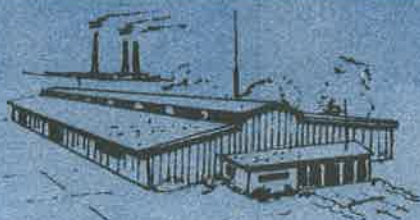
New quick change "SNAP-RAK" enables you to remove or install radio from vehicle to vehicle in less than 60 seconds!! Use the same unit in your car, tractor, jeep, etc.

MAXIMUM VERSATILITY



ACTUAL SIZE
4½" x 6½" x 9"

The General Radiotelephone Company



▶ INTER PLANT CONTACT - INTRA PLANT CONTACT - PLANT SECURITY - WAREHOUSEMAN TO OFFICE.



▶ SHIP TO SHORE - SHIP TO SHIP - weather information, emergency service, position reporting, contact other boats in your group.



▶ TRUCKING - absolute necessity - minute communication field.

2-Way Communication!

THESE FEATURES

- 1. Vibration — Service Rated
- 2. Electronic Switching — No Relays.
- 3. Smallest Size — Easiest Installation.
- 4. Vibration — Service Rated
- 5. Electronic Switching — No Relays.
- 6. Smallest Size — Easiest Installation.



▶ **CONTRACTORS - SURVEYORS - OIL FIELDS - CONSTRUCTION SITES - LUMBER CAMPS - DRILLING RIGS** - vast coverage of point to point personal supervision in outlying operations.



ny **VS-2**

\$139.95

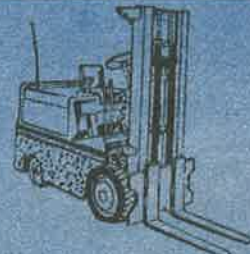
There are no printed circuits, no production shortcuts in a General two-way radio. Every General chassis is hand-crafted — all connections are hand-wired, hand-soldered. This means finer performance, fewer service problems, greater operating dependability.



GE - an ab-
alert, up to
transporta-
the spot.

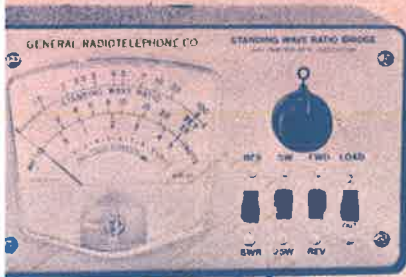


▶ **APPLIANCE REPAIRMEN - DELIVERYMEN - ELECTRICIANS PLUMBERS** - more working hours - not traveling hours - routing on the job - from job to job.



▶ **FORK LIFT - ROAD BUILDING - PAVING** - a true anti-vibration communication system that will perform and last.

VS-2 Accessories



MODEL 615—SWR—Standing Wave Ratio Bridge—Measures power of transmission signal of your transmitter. Verify or improve your installation with this precision test instrument. Full instructions included\$39.95



SS-4 SILENT SERVICE private call system. Party line or private telephone? Listen only to your own own units—no others. SS-4 "squelsches" all other conversations\$59.95



MH-4 "SNAP-RAK" — Install "SNAP RAK" anywhere—with 6 screws. VS-2 or VS-3 will then "snap" in or out in ten seconds. Allows the greatest versatility in changing from car to truck to home to office\$5.95



CRYSTALS available in matched sets—one transmit and one receive—for multiple channel service. Specify channels desired, 1 through 23\$5.90 pair



6V POWER CORD—(VS-3 only)
12V POWER CORD—(VS-2 only)
115V POWER CORD—(VS-2 and VS-3)\$4.95 ea.



13 FEET OF CABLE AND connections for antennas noted below\$2.95



MH-5 SHOCK—PROOF, VIBRATION PROOF "SNAP RAK" for heavy-duty vibration service—road equipment — fork lifts — tractors, etc.\$14.95



FIELDMASTER WALKIE TALKIE transmitter & receiver. The perfect companion piece for your VS-2. Portable—fits in the palm of your hand; range—1-5 miles. Keep in contact with your VS-2 while in the warehouse, in the field, hunting

GRT-27 COLLIN-EAR BASE ANTENNA — for office, home, or factory. Heavy duty — all-directional, vertical antenna—built-in lightning protection. High signal to noise ratio\$39.95

GRT-269 MOBILE ANTENNA—Center roof mount for cab or car — most efficient—high gain—all directional. Best all purpose antenna. Stainless spring steel — unbreakable\$19.95

GRT-271 BUMPER or FENDER MOUNT —Use when center roof mount is impractical. Stainless spring steel, unbreakable\$19.95

GRT 270 SPECIAL "WEATHER RAK" ANTENNA — Must be used with each "WEATHER RAK" Installation (MH-6)\$18.95



MH-6 "WEATHER RAK"—Same shock mount as MH-5—with "all-weather" hood—for use when unit is often exposed to inclement weather\$29.95

VS-2 Features and Specifications:

EACH VS-2 COMES WITH 1 PAIR OF CRYSTALS (FOR SINGLE CHANNEL OPERATION—FOR MULTIPLE CHANNEL OPERATIONS ORDER 1 TO 4 PAIRS OF CRYSTALS) 1 115V POWER CORD, 1 MIKE AND COIL CORD, INSTRUCTION MANUAL.

TRANSISTORIZED POWER SUPPLY—Short proof—shuts off automatically—can't burn out.

ELECTRONIC SWITCHING—no relays.

CARBON MIKE with neoprene coil cord. Moisture proof cartridge virtually indestructible.

SMALLEST SIZE—easiest installation—6 seconds in and out using "SNAP-RAK."

115V OR 12V OR 6V D.C. OPERATION—just plug in the power cord.

TRIPLE PLATED METAL PARTS—Copper, cadmium and gold tridite plating.

100% MODULATION using new M-16 transformer.

ROUGH VINYL COATED STEEL CABINET with etched aluminum panel.

ALL PHOSPHOR BRONZE tube sockets for long life.

LARGEST POWER TRANSFORMER made for this class of equipment.

"TUB-LOK" fasteners to lock power tubes in sockets.

SERVICE WORK ON THIS EQUIPMENT SHOULD PROVE NEGLIGIBLE due to the many new features designed into the product and the very high safety factor of all components.

* For 115V AC and 6V D.C.—Order Model VS-J.

VS-2 Specifications

SIZE—4½" x 6½" x 9"

WEIGHT—11-lbs.

CABINET—Steel.

FINISH—Rust resistant Phosphate-primed with Black Baked-Vinyl finish.

PANEL—Anodized Aluminum with raised etched lettering for permanent beauty.

CHASSIS—Heavy steel, triple plated with Copper, Cadmium and Gold Iridite finish for maximum corrosion resistance.

POWER REQUIREMENTS—TRANSISTORIZED—Draws only 3.4 amps from 12V battery, Only 40 watts on 115 AC.

MICROPHONE has moisture and shock-proof cartridge with one year warranty. Sockets all Phosphor Bronze for maximum life expectancy.

POWER TRANSFORMER—giant oversized unit with one year warranty.

OPERATING RANGE.....
Heavily congested urban areas—5-8 miles.
Rural communities about 6-15 miles.
Average open country or Farm areas—10-25 miles.

High open country or on water—20-50 miles.
Variations may be noted depending on terrain and type of antenna used.

TECHNICAL OUTLINE

TUBES 6BS8-kF. amp., 6BH6-1st I.F. amp., 6BH6-2nd I.F. amp., 6U8-Rnc. & Trans. OSC., 6EM5-R.F. PWR. AMP 6GW8-1st audio and modulator, 2-2N441 Transistors—power supply.

RECEIVER Superheterodyne with cascade RF amplifier, Diode mixer and 2 I.F. stages. Has series gated Silicon Noise Limiter and Zener Diode Noise Clipper.

RANGE—26.965 to 27.255 mc. All 23 channels.
I.F. FREQUENCY—452 KC.

AUDIO output up to 5 watts.

SQUELCH SYSTEM using screen gated diode circuit.

SENSITIVITY —.2uv for 250 MW audio.

SELECTIVITY 6KC at points 6DB down.

SWITCHING—all electronic—no relays, using bias method of transfer.

TRANSMITTER—Pentode section of 6U8 is used as stable "Colpitts" Oscillator-Driver into 6EM5 Power Amplifier. Matching by use of adjustable "Pi-Tank". Input power set at factory to 5 watts with minimum output of 3.2 watts at antenna.

MODULATION — Triode section of 6GW8 is microphone Pre-Amp

and is fed to pentode section of modulator. Output is limited at 100% by controlled transformer saturation.

MODULATOR and R.F. Amplifier tubes are fastened to chassis by use of Bronze tube clips.

WIRING and **MOUNTINGS** — All dressed and fastened for vibration and rough-service use.

COILS—All coils are wound with Nylon insulation and fully varnished.

OPERATING TEMPERATURE—Safe reliable operation from -20° F. up to 60°C.

CIRCUIT PROTECTION — Transistor supply completely protected by a unique automatic "controlled-saturation" circuit. Shuts off automatically when shorted. Turns on when short is removed without damaging transistors. This is another "First" by General.

Sold and Serviced By:



Printed in U.S.A.

General Radiotelephone Company, 3501 W. Burbank Blvd., Burbank, California