

ARGONAUT 515

the best in QRP is now better than ever



- Total Solid State
- Full Band Coverage: 3.5, 7, 14, 21 and 28 MHz (optional crystals for 29-30 MHz)
- 10 Meter Band Now In Four 500 kHz Segments For Greater Bandsread
- Improved Receiver Sensitivity: $0.35\mu\text{V}$ for 10 dB S+N/N, Max.
- Four-Pole 9 MHz Crystal Filter, 2.4 kHz Bandwidth, 1.7 Shape Factor
- New Heterodyne VFO With New Permeability Tuned Oscillator for New Frequency Calibration Accuracy
- Direct Frequency Readout With New Dial Pointer Zero-Set
- WWV Receive at 10 and 15 MHz
- Offset Receiver Tuning With New LED Indicator
- Receiver Resonate Control
- New Design No-Tune Broadband Final Amplifier
- New LED RF Output Indicator Flashes On 2-Watt Voice Peaks
- PTT
- Full CW Break-In
- Adjustable Sidetone Level & Pitch
- Built-In SWR Bridge/S Meter
- Handsome New Styling In Black and Bronze Colors
- Convenient Tilt-Up Bail
- Full Line of Matching Accessories (see reverse)

ARGONAUT 515 — latest generation of this famous QRPp transceiver — first miniaturized rig to offer a full array of operating features to the low power enthusiast, now up-dated to the performance level of the '80s!

Working the world with five watts input is the challenge most QRPp operators can't resist. For they've learned that it often is impossible to tell the difference between an Argonaut signal and a higher powered one. Five watts are just $2\frac{1}{2}$ S-units below 150 watts under the same conditions. And when skip is favorable and QRM light, the power difference is unnoticeable. The big difference is the fun QRPp operating puts back into Amateur Radio.

SUPER-SENSITIVE RECEIVER. Part of the "secret" of the success of the Argonaut is its "hot" receiving section. Sensitivity is $0.35\mu\text{V}$ for 10 dB S+N/N ratio, max., thanks to its MOSFET RF amplifier and new double-balanced first mixer circuit.

Steep selectivity curve, too, with the four-pole 9 MHz crystal filter — 2.4 kHz bandwidth and 1.7 shape factor at 6/50 dB points. And offset tuning with LED indicator to show circuits are operative helps track off-frequency signals. Fast attack, slow decay AGC. Low distortion audio (less than 2%). Built-in speaker. Automatic sideband selection (reversible). Everything you need.

NEW TRANSMITTER DESIGN. No-tune, broadband final amplifier for instant band change, instant operation when you need it. Five watts in and two watts out with LED RF indicator. And all the features of those engaged in the power struggle: SSB and CW, PTT and Full CW Break-In; SWR bridge; Integral TVI filter; Automatic 750 Hz CW offset; Adjustable CW sidetone pitch and level; Shaped keying. The clear, articulate signal of Argonaut.

GO-EVERYWHERE COMPANION. Because of its light weight (6 lbs.), and its low power requirements (12-14 VDC, 1A.), Argonaut can accompany you most anywhere. Put it in your car, boat, camper, plane, motorhome, trailer, motel, wherever you are. It will even operate on a 12 v. lantern battery for hours of QRPp fun.