

L. E. BABCOCK & COMPANY ANNOUNCES

A NEW PRESTIGE LINE OF TRANSMITTING & RECEIVING SYSTEMS

for government, commercial & advanced amateur applications!

COMMERCIAL GRADE EQUIPMENT AT "HAM" PRICES!

B-500-SSB TRANSCEIVER\$995

Provides Superb, High Efficiency Performance On SSB, CW & AM!

"THE COMPLETE BIG STATION IN ONE LITTLE BOX!"

Partial List Of Features:

- Includes all power supplies & crystals.
- 3.5 to 30 MHz full amateur band coverage in 500 kHz segments.
- 500 watts pep on SSB, selectable upper & lower sideband, all bands.
- 250 watts d-c input **CLASS C** final amplifier operation on CW for maximum efficiency.
- High Level **PLATE MODULATED CLASS C** final on AM (use optional B-500-AM solid-state plug-in 500 watt peak class B modulator for absolutely superb high efficiency AM). **NO OTHER SSB TRANSCEIVER PERMITS THIS TYPE OF AM MODULATION AT FULL RATED POWER!**
- two built-in precision calibrated VFO's; one for full transceiver type operation—the second for **500 kHz** completely independent receiver tuning—mighty convenient to have this much receiver tuning range available for working out-of-band DX, etc.
- 117 v. a-c & 12 v. d-c heavy-duty power supplies (built-in.)
- All solid-state, except driver & final amplifier.
- Low-level stages are of computer type construction on plug-in G-10 Epoxy Base P-C Boards.
- Collins mechanical filter.
- Q-multiplier tuning & notch depth controls included.
- Noise blanker for SSB—AM—CW.
- Fast-Slow-Off AVC switch.
- Built-in loudspeaker.
- Front panel VOX adjustments.
- RF Drive Control on front panel.
- 100 kHz Xtal calibrator.
- Built-in VSWR meter.
- Full Array of mode indicator lamps on front panel—spectacular appearance!
- Two illuminated commercial grade meters & two illuminated VFO dials—100 Hz calibration!
- Plus many other totally unique extras—too numerous to be itemized here, combine to make the B-500-SSB truly "THE COMPLETE BIG STATION IN ONE LITTLE BOX!"

B-500-AM HIGH POWER PLATE MODULATOR\$335

500 watt peak power, solid-state high-level plug-in plate modulator for use with the B-500-SSB and the B-33T transmitter—for those who desire absolutely superb, high efficiency AM performance from our new, top-quality SSB equipment line. Integral Power Supply Included. Not required for SSB or CW modes. Space is provided inside B-500-SSB and B-33T for the B-500-AM.

B-500-SSB-MM MOBILE MOUNT\$75

The B-500-SSB simply plugs into the mount—allows all wiring for mobile operation to be permanently installed in vehicle.

B-2500L 2-KILOWATT RF AMPLIFIER ..\$895

Operates Class AB1 on SSB, and Class C on CW and AM, providing maximum efficiency on all modes. 1000 watts plate dissipation rating in final tubes. Full relay control & interlock system. The tank circuit and power supply components in the B-2500L are rated so high and are so rugged that this amplifier can be 100-percent PLATE MODULATED with the optional BP-1000-AM 1-Kilowatt Class B modulator! **YOU CAN'T DO THIS WITH ANY OTHER AMATEUR BAND LINEAR.** A superb piece of equipment!

RATING:

- SSB:—2000 watts pep, Class AB1 final operation.
- CW:—1000 watts continuous duty d-c input,

Class C final operation.

- AM:—1000 watts continuous duty d-c input, Class C plate modulated (with optional high-power AM modulator, such as our BP-1000-AM)

BP-1000-AM 1-KILOWATT PEAK PLATE INPUT HIGH-LEVEL MODULATOR ..\$595

Optional equipment for use with the B-2500L. Not required for SSB or CW modes. King-size Variac-type d-c input power level control for final amplifier and modulator allows you to select any input power level between 200 watts and the full 1000 watts. Includes power driver audio amplifier, high-power modulator, modulation transformer to couple into B-2500L, control relays, etc. **DESIGNED FOR THOSE WHO STILL WANT SUPERIOR AM PERFORMANCE FROM THEIR TOP QUALITY SSB EQUIPMENT!**

B-33T TRANSMITTER\$595

Professional type solid-state (except driver & final stages) super SSB, CW and AM transmitter. Complete amateur band coverage, 3.5 to 30 MHz in eight 500 kHz segments (all crystals included). 500 watts pep, upper or lower sideband. The final amplifier runs Class AB1 on SSB, or Class C on CW and AM for top efficiency on each mode. 117 v. a-c & 12 v. d-c power supplies built-in. Includes integral VSWR meter, precision heterodyne type VFO with 100 Hz calibration. Can use optional B-500-AM high power solid-state plug-in plate modulator for high efficiency AM operation. Transceives with the B-75R receiver. Mechanical filter type sideband generation is used.

B-75R RECEIVER\$595

Professional all solid-state heterodyne type super performance, all amateur band coverage (3.5 to 30 MHz) SSB, CW & AM receiver, includes built-in speaker, 117 v. a-c & 12 v. d-c power supplies, Collins Mechanical Filter, dual conversion, Q-multiplier, noise blanker, all crystals, **PLUS 200 Hz BANDWIDTH SUPER CW SELECTIVITY** included at no extra cost!

B-75C STATION CONTROL CONSOLE \$249

Includes phone patch, illuminated VU meter, illuminated line voltmeter, speech compressor, two illuminated digital 2400-hour clocks, one for GMT (Zulu) and one for local time, plus 10-minute alarm timer for station ID; matches the B-33T & the B-75R in appearance.

B-800-P PANORAMIC RECEPTOR\$459

Precision, adjustable sweep spectrum display of band conditions on a professional quality 5ADP7A flat-face cathode-ray tube. Designed for use with the B-75R receiver and the B-500-SSB transceiver.

B-75P PHONE PATCH\$73

CB-5TR TRANSCEIVER\$269

Deluxe 5-watt, 23-channel CB unit, uses Collins Mechanical Filter for the ultimate in selectivity, special speech clipper circuitry and voice operated relay, all solid state, digital channel selector, ± 5 kHz independent receiver tuning for off-channel tuning, built-in 117 v. a-c & 12 v. d-c power supplies, speaker, VOX and squelch. An optional noise blanker is available. Crystals for one channel supplied.

HB-50TR TRANSCEIVER\$419

Special 50 watt version of CB-5TR, except designed for 23 fixed channels within the 10-meter amateur band, includes 50-watt final amplifier, plate modulator and heavy-duty power supply all in the same size cabinet as the CB-5TR. Crystals for one channel supplied.

L. E. BABCOCK & COMPANY

28 Durant Avenue
Maynard, Mass. 01754