

National Representative
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1453 Maple Drive
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BADACO

MANUFACTURING COMPANY

2801 PENICK

SHREVEPORT, LOUISIANA

Engineering and
Research Department
120 BOYDON COURT
DANVILLE, KENTUCKY

PRECISION RADIO CONTROL EQUIPMENT

Enjoy a new thrill in model flying . . .
Install a BADACO R-C unit in your plane

BADACO 180 MT TRANSMITTER FEATURES EASY-TO-OPERATE PUSH-BUTTON CONTROL

BADACO's small, compact, lightweight transmitter is so simple to operate a child could use it. Pre-tuned at factory to assure you of immediate trouble-free operations. Your model plane dives, climbs, turns, spins, at the touch of a BUTTON. Just the right size for convenient hand held operation. Enjoy this sensational new hobby today. Make flying by yourself both practical and enjoyable. It's the next thing to actual flying.

QUALITY FEATURES

- A precision instrument completely guaranteed.
- BADACO'S non-continuous carrier operation assures maximum life of batteries.
- BADACO 180MT transmitter operates practically any single channel tone or carrier receiver on 27.255 MC.
- BADACO's long lasting rugged printed circuit construction assures you the greatest value for your dollar.
- Over 2 years engineering development and 10,000 test flights have contributed to development of this fine trouble-free BADACO Transmitter.



Retails \$34⁹⁵ Complete

Your model operates best with
a Dependable, Compact, Rugged



Retails \$24⁹⁵ Complete

Badaco 180MR Tone Receiver

BADACO'S durably constructed audio tone receiver is practically crash-proof when mounted as directed. It's a precision instrument built to last . . . and last . . . and last. It's completely enclosed in a spot welded aluminum case that keep dust out of the relay and protects all parts. Tubes, relay and chassis shock mounted for maximum protection. The BADACO Receiver is smaller than a pack of cigarettes and can be mounted in the smallest model planes, boats or cars.

"Proven in Over 10,000 Test Flights"

QUALITY FEATURES

- **EXTREME RANGE**
Complete control in over 2 miles on the ground or much more in the air.
- **PERMANENT TUNING**
Tune a BADACO Receiver only once . . . Fly it hundreds of times without tuning again.
- **LIGHTWEIGHT**
Weights only 3.2 oz. including tubes and GEM relay.
- **GUARANTEED**
A precision instrument that is FULLY GUARANTEED.

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PRECISION RADIO CONTROL EQUIPMENT

Technical Data

Badaco 180 MT Transmitter

RUGGED, PRINTED CIRCUIT CONSTRUCTION

- Operates on 27.255 mc. examination-free band.
- Crystal controlled.
- Transmits 98% modulated audio tone and will operate practically any single channel audio tone receiver.
- Will operate most any carrier type receiver when 3A5 tube is removed.
- Tubes 3A5 and 3A4 — These are low cost hard tubes that give many hundreds of hours of dependable service and can be bought at most radio stores.
- Tube Functions — 3A4 operates as a crystal oscillator output tube and 3A5 operates as a multi-vibrator modulator tube.
- B-Drain — Approximately 15 MA on tone and approximately 19 MA on carrier.
- Operates without continuous carrier for maximum savings on expensive "B" batteries. Almost triples their life.
- Small case can be hand-held. Only 3" deep, 4½" wide, and 7" tall.
- Key lead or pulse unit can be attached.
- 2.4 watts input on carrier operation.
- 2 watts input on Tone operation.
- 36" whip antenna, detachable for easy carrying, is base loaded for maximum power output.
- All batteries contained in transmitter case.
- A Supply: one 1½ volt battery.
- B Supply: two 67½ volt batteries (135 volt total).
- Ideal for PLANES, CARS, BOATS, etc.
- Factory repair service available at a minimum cost.
- FULLY GUARANTEED.

Technical Data

Badaco 180 MR Receiver

RUGGED, PRINTED CIRCUIT CONSTRUCTION

- Operates on 27.255 mc. citizen band.
- Audio tone operated. 100 to 600 cps. 90% to 100% modulation.
- Weight 3.2 oz.
- Case size: 1¼" x 2¼" x 2⅜".
- Range: Checked 2 miles on the ground. Air range is much greater. Completely enclosed in spot-welded aluminum case. Keeps dust out of relay and protects other parts.
- Practically crash-proof when mounted according to directions.
- Only one simple, very broad, tuning adjustment.
- Extremely stable — non-sensitive to body capacity.
- Can be tuned with your fingernail.
- Tubes: 3A5 and 1U5. These are low cost hard tubes and will give many hundreds of hours of dependable service.
- Three tube operation with only two tubes. One half of the 3A5 is the oscillator, and the other half the relay tube. The 1U5 is an audio amplifier and diode rectifier.
- 67½ Volts "B" battery. Can be used as low as 53 volts.
- 1½ Volts "A" battery. Can be used as low as 1.1 volts.
- Idle 2.9 ma. (2.5 ma through relay).
- On tone signal .4 ma. (0 ma. through relay)
- Uses 7500 OHM Gem relay.
- Completely wired with tubes and relay for any type of R/C Application. Opening and closing doors, turning lights on and off, etc.
- Factory repair service available at minimum cost.
- FULLY GUARANTEED.