

# SUPER LONG PLAY TAPE RECORDERS

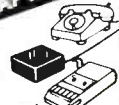
12 Hour Model — USES 120 TAPE \$119.00\*

Modified Panasonic Slimline, high quality AC-DC provide 6 continuous hours of quality recording & playback on each side of cassette for 12 hours total. Includes • Voice level control • Digital counter, etc. TDK — 120 Cassette Furnished.



## PHONE RECORDING ADAPTER

Records calls automatically. All Solid state connects to your telephone jack and tape recorder. Starts recording when phone is lifted. Stops when you hang up. **\$28.50\*** FCC APPROV.



## VOX VOICE ACTIVATED CONTROL SWITCH

Solid state. Self contained. Adjustable sensitivity. Voices or other sounds automatically activate and control recorder. Uses either recorder or remote mike. **\$28.50\***

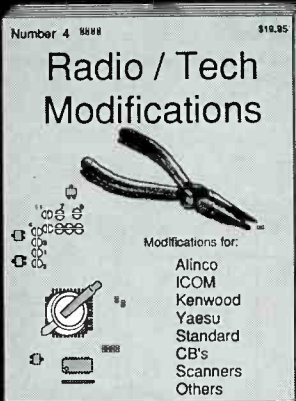


\* Add for ship. & handling. Phone Adapter & Vox \$2.00 each. Recorders \$5.00 each. Calif. Res. add tax. Mail order, VISA, M/C, COD's OK. Money Back Guarantee. Free data. available. Dealer Inquiries invited. Quantity discounts.

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CIRCLE 14 ON READER SERVICE CARD

## New Volume #4

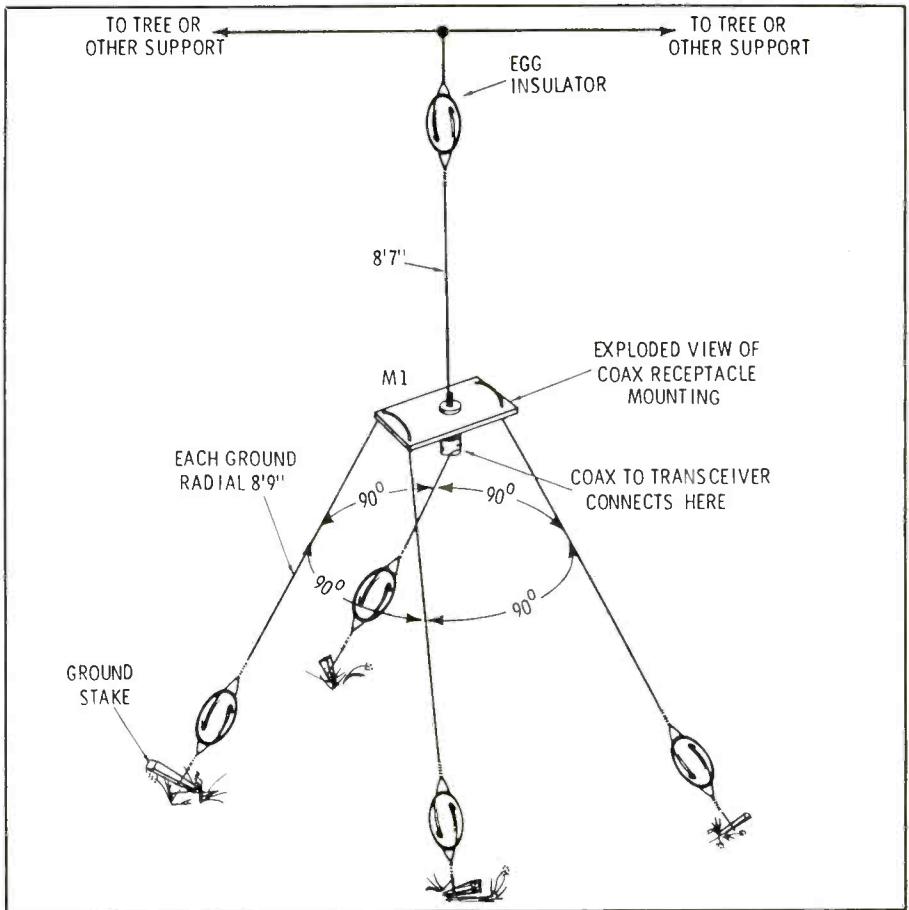


Easy to follow modifications for all the popular Ham Radios, Scanners and CB's.

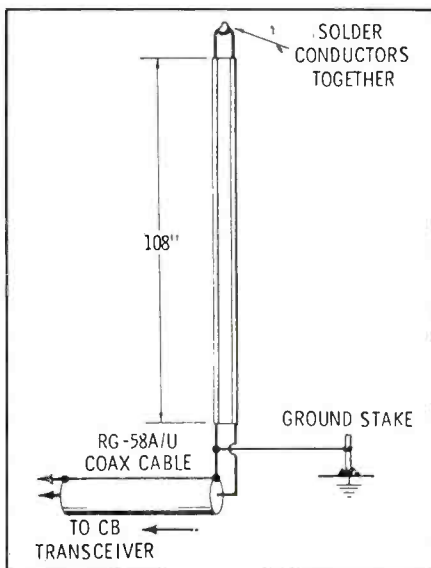
- Now with Alignment controls shown.
- Over 150 Modifications.
- Easy to follow Instructions.
- Picture diagrams showing modification points. **\$19.95**
- Frequency expansion mods.
- MARS & CAP.
- Over 95 revised modifications.

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CIRCLE 16 ON READER SERVICE CARD



Quickie ground plane made from wire.



CB antenna made from 300-ohm TV twinlead.

months ago, I used one of these until I could get around to putting the main antenna back on the roof.

The driven (vertical radiator) element, which is 8 ft. 7 in., is supported by an overhead line. These are separated from one another by a small insulator (Radio Shack 278-1335 or 278-1336). The other four insulators can be the same type.

M1, is a SO-239 chassis mount coaxial receptacle. The wire for the antenna should be No. 10 or 12 solid copper.

When installation is complete, insulate the coax socket (M1) from the harmful effects of weather by giving it a coating of plastic spray paint, or rubber base insulation, or outdoor caulking, or even nail polish if nothing else is handy. You might even want to wrap M1 in all-weather tape. Note that only the vertical (driven) element comes in contact with the center conductor of the coaxial cable through M1.

## Another Junkbox Antenna That Works

If you have at least a nine ft. length of 300-ohm TV twinlead, you can whip up a CB antenna in jiffy time. Not only that, the thing actually works about as good as a standard dipole.

Be certain that the shielded section of the coaxial feedline and one side of the twinlead are solidly grounded. Position the antenna in such a way as to ensure a stiff, straight, structure. This will offer good omnidirectional performance.

## March Into Spring

Next month we hope you will be back on frequency with us. In the mean time, send us your shack photos, QSL's, comments, questions, and suggestions.