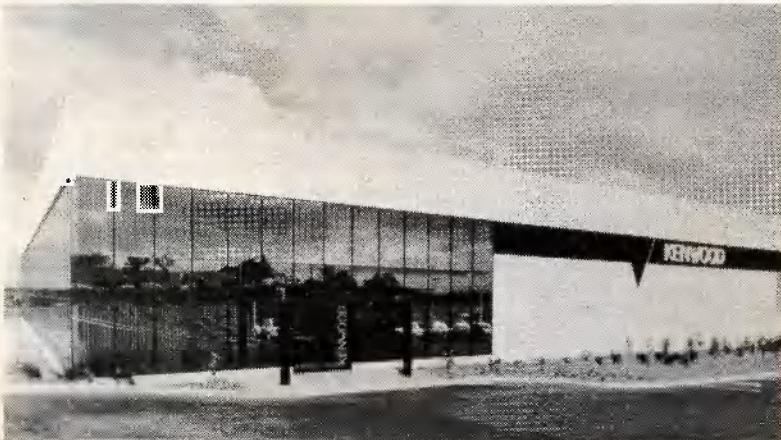


## Special Features

- 12 EQUIPMENT REVIEW — JRC JST-135:** Here's an HF amateur transceiver that many won't have heard of. It's made by the Japan Radio Corporation and imported by Emtronics. We asked Tom Moffat to find out how good it is.
- 22 ANTENNAS — THE MYTHS:** Number 2 - baluns. Would your antenna installation benefit from a balun? Antenna man Dick Bird, G4ZU/F6IDC explains.
- 27 COMPUTERS IN THE SHACK — WHY?** Would you benefit from having a computer beside the gear in your shack? Quite possibly — you can get into a variety of special modes, use the computer as your log book, and much more. Here's a brief introduction to the jargon and a few reasons why.
- 32 ARA NOVICE THEORY COURSE — PART 5:** So what happened last month? The postie forgot to deliver... This month, we get right into the nitty-gritty of semiconductors, and explain what they are and how they work.
- 37 THEORY IN FOCUS:** Part one of a series of questions and answers dealing in depth with electronic theory. This month, Ron Bertrand gets right down to the basics by asking what an atom is, and explaining some of the terms we use.
- 43 EQUIPMENT REVIEW — ICOM IC-57A:** Neil Duncan checks out the action on six and 10 metres.



## Regular Features

- 4 — QSP:** Editor on contests, radios and computers.
- 6 — NEWS DESK:** Compiled by John Kolm.
- 18 — YL FORUM:** Packet? Packet *what?*
- 22 — G4ZU ANTENNA NOTES:** Dick Bird explodes another myth.
- 41 — FOXHUNTING:** Setting up is vital, says Geoff Hudson, VK3VR.
- 46 — SHORTWAVE:** The latest SW broadcast news from the ARDXC's Bob Padula.
- 51 — CONTESTS:** Analysis of a contest.
- 53 — PACKET RACKET:** The latest in the world of packet radio.
- 56 — DX & BAND:** Jim Smith's monthly roundup of the DX scene...
- 60 — PREDICTIONS:** IPS' October charts.
- 62 — CLASSIFIEDS:** The latest red-hot amateur radio DEALS.
- 65 — SUBSCRIBE TO ARA:** Here's how
- 66 — ADVERTISE FREE** in the ARA Classifieds.
- 66 — ADVERTISERS' INDEX**

*Cover: Here's the JST-135 by Japan Radio Corporation. It's a full-featured HF transceiver with general coverage receive — and reviewer Tom Moffat, VK7TM, reckons it has a lot of merit. This rig has a far wider market penetration overseas than it has here — but all that should change according to Rudi Breznik, managing director of importer Emtronics, who says the rig is more than equal to the better-known Yaewoodcoms sold here in somewhat bigger numbers. Read our review on page 12, then decide for yourself as we line the JST-135 up against offerings from the Big Three in our next issue. Left: Here's the brand new Kenwood head office and service facility at Homebush, New South Wales. Costing a cool \$8 million, the company's new Oz base camp is equipped with the latest in high technology.*

**Next issue out October 2.  
Classifieds deadline September 17.**