



Cover: The portable NiCad charger by Ron Bertrand VK2DQ. Project details in this issue.

- 15 ARA PROJECT:** Build Ron Bertrand's simple portable NiCad Charger.
- 18 QUICK GUIDE TO MOBILES:** What's that rig? Find out with this handy reference guide to VHF/UHF mobiles.
- 20 QTH LOCATORS ON YOUR MICRO:** A simple BASIC program to calculate Great Circle bearings from Maidenhead Locators or Latitude and Longitude.
- 25 BOOK REVIEW:** A look between the covers of "Better Radio/TV Reception", a new book for SWLs.
- 27 SCOOP PREVIEW:** Hot news on a brand new HF super-rig from Icom!
- 28 THE THREE PIN PLUG:** Ken Frost investigates the humble origins of this Australian invention.
- 30 HAM RADIO PROGRAMS:** A selection of commercially available software, books and hardware for amateur radio purposes.
- 32 THE PORCH ANTENNA:** A strange but useful antenna also known as the WA6ZBF Curved Linear Array.
- 38 ARA MINI-PROJECT 1:** A simple signal source for two metre use.
- 39 ARA MINI-PROJECT 2:** A simple noise source for two metres.
- 43 OPERATION AOCUP UPGRADE:** ARA's popular AOCUP theory course by Ron Bertrand VK2DQ.
- 46 QUARTERLY CLUB DIRECTORY:** Australia's only up-to-date list of amateur radio clubs.

- 4 — BEGINNER'S PAGE:** For new readers.
- 5 — QSP...:** Editorial comment by Tony VK3CE.
- 9 — YL FORUM:** A YL view by Kirsti VK9NL.
- 10 — NEWS DESK:** News and new products.
- 40 — HAMWORD:** Another Greg Baker radio teaser.
- 41 — CONTEST:** Amateur radio competition on air.
- 51 — FEEDBACK:** ARA Readers have their say.
- 54 — SCATTER:** VHF-UHF news with Jim VK3AZY.
- 55 — CLASSIFIEDS:** Bargains for private sale.
- 59 — DX & BAND:** DX news from Jim VK9NS.
- 62 — PREDICTIONS:** April IPS Grafex charts.
- 64 — SHORTWAVE:** News for SWLs by Bob Padula.
- 66 — LATE NEWS:** The stop press column.

