Video and Audio

- WHAT'S NEW IN VIDEO & AUDIO The latest products...
- SONY'S V6000 HI-8 CAMCORDER It has just about everything!
- 20 THE CHALLIS REPORT: Kenwood's new FV7 'Forvism' A-V system

Features

- WHEN I THINK BACK... Charles Slade and 'Calstan' meters 14
- 28 BACK TO MARS, FOR A CLOSER LOOK NASA's Observer Mission
- 46 MOFFAT'S MADHOUSE Shot down by the dreaded stocktake...
- 63 **OATLEY ELECTRONICS 'SOLAR POWER' CONTEST** Great prizes!

Projects and Technical

- FRESH THINKING IN NEW SPEAKER KITS High quality, low cost 34
- 48 GETTING INTO PACKET RADIO A guide for radio amateurs & listeners
 - 58 THE SERVICEMAN Brain surgery on an Akai — not entirely successful
- ENHANCING DSE'S TELETEXT DECODER Make it even better! 64
- 76 A MULTIFUNCTION FLUORO LIGHT Can be solar powered, automatic
- CIRCUIT & DESIGN IDEAS Computer controlled power supply, interface 82 LOW COST DIGITAL VOICE RECORDER No moving parts... 88
- **EXPERIMENTING WITH ELECTRONICS** Simple ultrasonic door minder
- 95 VINTAGE RADIO Renovating an RCA Model 20 TRF receiver 99
- AUTOMOTIVE ELECTRONICS Maintaining an 'electronic' car 115

Professional Electronics

- **NEWS HIGHLIGHTS** \$2M satellite dish for new NZ carrier, 1MW valve 124
- NEW AUST. DTMF MIC & PHONE PATCH Give greater reliability 128
- 132 **NEW PRODUCTS** Colour GPS plotter/sounder, pocket sized F-O tester
- 134 MODERN RF SIGNAL GENERATORS - 3: Evaluating receivers
- SOLID STATE UPDATE Clickless audio switching, 900MHz transistors 140
- POWER SUPPLIES FEATURE Lodestar PS-303D dual 30V/3A supply POWER SUPPLIES FEATURE The latest products 142
- 144
- SILICON VALLEY NEWSLETTER Judge ends Apple-Microsoft case 148
- COMPUTER NEWS & NEW PRODUCTS Improved digital still camera 150

Columns and Comments

- **LETTERS TO THE EDITOR** Valve amplifier gripe, audio delay request
 - **EDITORIAL VIEWPOINT** The real future for high definition TV
- **FORUM** Disposing of old radios and are compact fluoro's dangerous? 42
- New compere for the 'Happy Station' 106 SHORTWAVE LISTENING
- 108 INFORMATION CENTRE Solar power, car radios, coil design programs 122 AMATEUR RADIO NEWS CW Operators ORP Club, LF experimenters