

## **FEATURES**

### **7 Victoria's Solar Power Tower: A World First?**

*It's 1000 metres tall, sits on top of a massive greenhouse and will generate 200MW of electricity. And it could be built in Victoria – by Sammy Isreb*

### **30 Applications For Fuel Cells**

*Third article in our series looks at the advantages and applications of fuel cells – by Gerry Nolan*

### **65 Review: Tektronix TDS 2022 Colour Oscilloscope**

*It boasts a colour LCD screen, measures to 200MHz is very easy to drive. And it's all packed into a remarkably compact case – by Leo Simpson*

## **PROJECTS TO BUILD**

### **10 Telephone Headset Adaptor**

*Keep your hands free with this simple low-cost project. It can be used with any phone that uses RJ11 modular plugs and sockets – by John Clarke*

### **18 A Rolling Code 4-Channel UHF Remote Control**

*It has a long range, its rolling code is virtually unbreakable, it uses a keyring transmitter and it's ideal for use with garage door controllers – by Ross Tester*

### **56 Remote Volume Control For The Ultra-LD Amplifier**

*Revised preamp board lets you add our Remote Volume Control unit to the Ultra-LD Stereo Amplifier – by John Clarke & Greg Swain*

### **70 Direct Conversion Receiver For Radio Amateurs; Pt.1**

*It covers from 7-7.3MHz, can tune both Morse and SSB signals and reads out the tuned frequency in Morse code! – by Leon Williams*

## **COMPUTERS**

### **68 Creating Your Own Rules For Tiny Personal Firewall**

*Tiny Personal Firewall lets you create your own tightly-defined packet filtering rules. Here's how to go about it – by Greg Swain*

## **SPECIAL COLUMNS**

### **40 Serviceman's Log**

*If it look's easy, it probably isn't – by the TV Serviceman*

### **80 Vintage Radio**

*The Airzone 500 series receivers – by Rodney Champness*