

## **FEATURES**

### **7 Review: Adilam RFID Evaluation Kit**

*Radio frequency identification is fast becoming the standard for many tracking and identification tasks. Here's a low-cost way to get started – by Peter Smith*

### **8 Looking Into LEDs**

*Their history, recent developments and what's available – by Ross Tester*

### **12 Hands-On PC Board Design For Beginners; Pt.3**

*Here's how to print Autotrax PC board designs from within Windows. There's also a step-by-step procedure for etching your own boards – by Peter Smith*

### **56 Worldspace Radio Via Satellite In Australia**

*All you need is a satellite dish and a special receiver to open up a whole new world of "radio" broadcasts – by Garry Cratt*

### **81 Review: Redback 8-Channel Pro Mixer**

*Looking for a good-quality 8-channel mixer? Take a look at the Redback A4425 from Altronics – by Ross Tester*

## **PROJECTS TO BUILD**

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*Having trouble adjusting the channel levels in your home theatre system? This simple project makes the job easy – by John Clarke*

### **32 Shut That Mutt**

*Got a problem with barking dogs? Shut 'em up with this high-powered screamer. It gives an ultrasonic blast that only they can hear – by Branko Justic*

### **60 A Smart Mixture Display For Your Car**

*A 10-LED display indicates the fuel mixture, while a small buzzer sounds if the mixtures go dangerously lean – by Julian Edgar & John Clarke*

### **68 The ESR Meter Mk.2; Pt.2**

*Building, calibrating and using this handy test instrument. There's also a comprehensive section on troubleshooting – by Bob Parker*

### **75 PC/PICAXE Interface For UHF Remote Control**

*Simple circuit lets you control the Oatley Electronics 4-Channel UHF Transmitter using a PC or PICAXE – by John Holliday*

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*(1) Curve Tracer Adaptor; (2) Logic Probe With Sound; (3) 7.2V Battery Replacement For Camcorders; (4) Stroboscope Uses White LEDs*

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*A mixed bag of tricky problems – by the TV Serviceman*

### **82 Vintage Radio**

*The art of cannibalism & making do – by Rodney Champness*