

# FEATURES

## 4 3D TV In Your Own Home

*You can watch 3D pictures via your computer or TV set but you're still going to need special glasses – by Barrie Smith*

## 30 Electronics In Schools: The Class Of 2002

*You won't believe some of the electronics projects the kids are making in school these days – by Ross Tester*

## 32 6+ Megapixel SLR Cameras

*How close do the new SLR digital cameras come to "film" quality? Canon's EOS D60 comes pretty close – by Ross Tester*

## 65 Honda Fuel-Cell Vehicle Released In USA

*No mass market plans yet but it's the first fuel-cell vehicle to receive government certification and hit the road*

# PROJECTS TO BUILD

## 14 Speed Controller For Universal Motors

*Use it to control the speed of circular saws, routers, jig saws, electric drills and lawn edgers rated up to 1200W – by John Clarke*

## 39 PC Parallel Port Wizard

*This simple gizmo can test your PC's parallel port. It can also teach you a lot about the way parallel ports operate – by Trent Jackson*

## 53 "Whistle & Point" Cable Tracer

*Connect it to one end of a cable conductor and listen for the whistle at the other end and your wiring tracing problems are solved – by Jim Rowe*

## 72 Build An AVR ISP Serial Programmer

*It allows you to reprogram your AVR micro in a flash, without even removing it from the application circuit – by Stephen Davies & Peter Smith*

# SPECIAL COLUMNS

## 26 Circuit Notebook

*(1) DC Automotive Tester With Current Probe; (2) Winter Charge Booster For 12V Car Batteries; (3) Triple-LED Version Of Torch; (4) One-Of-Nine Sequencer; (5) Simple AM Transmitter; (6) Battery Status Indicator; (7) Smoke Alarm Battery Life Extender*

## 60 Serviceman's Log

*Big TV sets can be a nightmare – by the TV Serviceman*

## 80 Vintage Radio

*Radio Corporation WS122 army transceiver – by Rodney Champness*