

FEATURES

8 Knocking on Titan's door

Last January the Cassini probe made a soft landing on Titan, one of Saturn's moons. Here's the "inside" story – by Tom Moffat.

14 Getting into Wi-Fi

It's been four years since we last looked at the subject. A lot has changed: it's cheaper, easier and there is any amount of equipment – by Ross Tester.

41 Hellschreiber: Sending Data Over UHF CB Radio

It was invented decades ago and used during WWII. Now we show you how to use it with cheap UHF CB hand-helds and shareware – by Stan Swan.

86 What's this? Free PC Boards for Schools?

We're launching a brand new educational series by "Mr Picaxe", Clive Seager. To celebrate, we have 2000 experimenter's PC boards to give away to schools!

PROJECTS TO BUILD

28 Voice Recorder

25 second message recording without tapes or discs. Use it for phone messages, a voice memo pad, you name it! – by Jim Rowe

34 Wireless Microphone/Audio Link

This stereo FM wireless microphone also makes a great quality audio link. We tested it to beyond 50 metres and it was rock solid – by Ross Tester

62 MIDI Theremin, Pt II

The full constructional and setup details of our amazing new MIDI Theremin. It's set to take the music world by storm! – by John Clarke

91 Pro Scoreboard, Pt II

Now even better – it handles netball as well as basketball and other games. Putting it together and setting it up – by Jim Rowe

SPECIAL COLUMNS

46 Salvage It!

An automatic stopwatch timer – by Julian Edgar

48 Serviceman's Log

Warranty claim? I don't think so! – by the TV Serviceman

74 Circuit Notebook

Automatic bathroom exhaust fan; Your probing questions answered; Automotive LED timing light; Low-voltage cutout for 12V SLA batteries

98 Vintage Radio

The AWA Radiola B29 8-transistor radio with battery eliminator – by Rodney Champness