

Features

8 Review: Sony Alpha A100 Digital SLR Camera

Sony's new 10-megapixel black beauty has the goods – by Barrie Smith

16 Review: JVC KD-AVX2 Car Entertainment System

A complete entertainment system in a DIN-sized package – by Julian Edgar

68 Review: Bitscope BS310 Mixed Signal Oscilloscope

It packs a digital oscilloscope, logic analyser, data recorder and waveform generator into one affordable package – by Peter Smith

Projects To Build

26 Build A Radar Speed Gun, Pt.1

Easy-to-build Doppler speed radar system can read directly in km/h or mph for speeds in excess of 250km/h – by Jim Rowe

34 Build Your Own Compact Bass Reflex Loudspeakers

Ready-to-assemble with Peerless & Vifa drivers; you decide the final finish – design by Aaron Waplington

41 Programmable Christmas Star

Hundreds of pre-programmed patterns, high-brightness LEDs, twinkle effects and light enough to hang on your Christmas tree – by David Meiklejohn

76 DC Relay Switch For High-Current Loads

Want to switch power to a high-current load using a circuit capable of supplying just a few milliamps? This device is the answer – by John Clarke

80 LED Tachometer With Dual Displays, Pt.2

Completing the construction, tips on installation and adjusting the default software settings to suit your car – by John Clarke

88 PICAXE Net Server, Pt.3

Controlling a simple motor-driven device via the Internet – by Clive Seager

Special Columns

48 Serviceman's Log

So hopelessly devoted to you – by the TV Serviceman

62 Circuit Notebook

(1) Wiegand Decoder; (2) Electronic Combination Lock; (3) Model Train Detector; (4) Picaxe To LCD Interface; (5) Picaxe-Controlled Yoghurt Maker

72 Salvage It!

Using the convex lenses from car headlights (bike light) – by Julian Edgar

96 Vintage Radio

Radio Corporation's WS108 military transceiver – by Rodney Champness