Features

- 12 Review: Quantumdata 780 HDMI Tester
 - It tests HDMl cables, generates test patterns and provides digital audio test signals for DACs and home-theatre receivers by Leo Simpson
- 18 Milling Prototype PC Boards With The Roland EGX-350 Need a PC board in a hurry? The EGX-350 can route, drill and cut out a
- complete board without the need for messy chemicals by Mauro Grassi

 37 Moore's Law Marches On At Intel
 Moore's Law predicts that the transistor density of integrated circuits doubles
 every two years. The theory is still alive and well at Intel.
- 63 Picaxe Update: The Latest Releases

 Here's a rundown on the latest Picaxe updates and releases, including the
 eagerly-awaited Picaxe-20X2 by Clive Seager

Projects To Build

24 WIB: Web Server In A Box. Pt.1

It's a web server, FTP server & SMTP email client in a box and is accessed using a web browser. Use it to store a personal website, to monitor four analog inputs (with logging) and to control four digital outputs – by Mauro Grassi

- 38 Twin-Engine SpeedMatch Indicator For Boats

 Easy-to-build project uses a meter that is centred when both engines are running at the same RPM by John Clarke
- 66 High-Quality Stereo Digital-To-Analog Converter, Pt.3

 Final article shows you how to assemble the modules into a low-profile steel
 case and get it all going (including the remote control) by Nicholas Vinen
- 82 GPS Synchronisation For Clocks With Sweep Hands
 A few simple mods let you use the GPS Synchronised Clock circuit with a
 sweep second hand that silently glides around the dial by Geoff Graham
- 90 A Dead-Simple Masthead Amplifier

 This new VHF-UHF TV/FM masthead amplifier could just be the answer to your digital (and analog) woes by Branko Justic & Ross Tester

Special Columns

- 46 Circuit Notebook
 - (1) Solar-Powered Garden Lighting System; (2) Relay Switcher For Testing Diodes & Transistors; (3) Power Supply With Balanced Rails; (4) Modulated Oscillator For AM Radio Alignment; (5) RIAA Valve Preamplifier
 - 76 Serviceman's Log
 Unforeseen consequences for e-waste charges by the Serviceman
- 100 Vintage Radio

The development of AC mains power supplies, Pt.2 - by Rodney Champness