

- 11 House Wiring: Looking At Light Switches

 How standard and 2-way light switch circuits are wired by Ross Tester
- 18 Review: Agilent MSO7034A Mixed Signal Oscilloscope It features four analog inputs, 16 digital inputs, an analog bandwidth of DC-350MHz and a 12.1-inch LCD. We liked it so much, we bought it! by Mauro Grassi
- 40 Drumroll Yet Another Picaxe

You can never have too many I/O channels and the new Picaxe-20M has lots more – by Stan Swan

Projects To Build

24 DSP Musicolour Light Show; Pt.2

Second article has the full assembly and test details - by Mauro Grassi

58 A PIC-Based Musical Tuning Aid

Compact device can produce any note on the tempered musical scale in any of the eight most commonly used octaves & makes tuning musical instruments easy – by Jim Rowe

68 Balanced Mic Preamp For PCs & MP3 Players

Easy-to-build circuit lets you connect a pro-quality balanced microphone to the line input of a PC soundcard or MP3 player, for high-quality voice recordings – by John Clarke

82 Bridge Adaptor For Stereo Power Amplifiers

Want to connect two power amplifier modules in "bridge mode" to get four times the power from a single module into a single loudspeaker system? This simple adaptor is the answer – by Leo Simpson

Special Columns

- 35 Circuit Notebook
 - (1) Capacitance Meter; (2) Mobile Phones Can Power Picaxe Circuits; (3) Simple Door Guard Alarm; (4) Programming Remote Control Codes For The CD-ROM Playback Adaptor; (5) 12V CDI For Motorbikes; (6) Universal Ding-Dong Chime Driver; (7) Picaxe 21 Game; (8) Expanded Scale Voltmeter
- 44 Serviceman's Log

My love-hate relationship - by the TV Serviceman

86 Vintage Radio

The Astor KM 4-Valve Reflexed Receiver – by Rodney Champness