

FEATURES

8 IMAX: The Giant Movie Screen

Everything about IMAX is big! Here's a rundown on this giant-screen system that can show both 2-D and 3-D movies – by Barrie Smith

15 Silent Running: Building A Quiet PC

Do you hate the noise your computer makes. Here's how to build one that's not only quiet but compact and unobtrusive as well – by Peter Humphreys

72 Soldering: A Closer Look

Poor soldering is the reason most kit projects don't work. Here's how to make a perfect joint every time – by Maurie Findlay

PROJECTS TO BUILD

18 Video-Audio Booster For Home Theatre Systems

Having problems with long cable runs? This unit can boost both composite and S-video signals, or even component video signals. And it boosts stereo audio signals as well – by Jim Rowe

28 A Highly-Flexible Keypad Alarm

Versatile unit can be used for keypad door entry and as a stand-alone alarm. It can also be added to a much larger alarm system – by John Clarke

48 Telephone Dialler For Burglar Alarms

Easy-to-build circuit dials a pre-programmed number via a modem and sends a warning tone if your alarm is triggered – by Leon Williams

58 Three Do-It-Yourself PIC Programmer Kits

These low-cost kits are easy to build, come with sample programs and are just the shot for getting started – by Jim Rowe

66 Electric Shutter Release For Cameras

Commercial remote shutter releases are usually expensive. Here's one you can build for just a few dollars – by Julian Edgar

80 More Fun With The PICAXE, Pt.3: Heartbeat Simulator

Nine components are all you need to build this simple circuit. The effect is so realistic, it almost seems alive! – by Stan Swan

SPECIAL COLUMNS

38 Serviceman's Log

So what if it's ancient technology – by the TV Serviceman

44 Circuit Notebook

(1) Super-Regenerative Receiver for AM & FM; (2) Neon Scintillator With 300V Up-Converter; (3) LED Carnival Game; (4) Low-Cost Pistol Shooting Game; (4) Simple SLA Battery Charger

84 Vintage Radio

The AWA R154 battery console – by Rodney Champness