

Special Features

- 13 EQUIPMENT REVIEW — YAESU FT-411E AND FAMILY:**
Yaesu's original FT-411 met with widespread approval throughout the amateur fraternity. The unit has now been upgraded with an entirely new front end which considerably enhances its performance. Tom Moffat reports...
- 18 COVER STORY — SWR AND YOU:**
Keeping the SWR of your feedline system within acceptable levels has never been easier, thanks to the latest crop of meters. This feature examines a few of the latest and explains the terminology.
- 24 CONSTRUCTION PROJECT — A MODERN-DAY CRYSTAL SET:** Stop sniggering, this is serious! Here's a 1990s rendering of the dear old crystal set — and it goes like a rocket! A Phil Anderson, WØXI, design.
- 30 EQUIPMENT REVIEW — PACCOMM TNC-320 PACKET CONTROLLER:** Inexpensive doesn't have to mean poor-performing, says Neil Duncan, VK3OK.
- 42 COMPUTERS IN THE SHACK:** In our second computer review we look at the mid-range 80386-SX Twinhead Superset-590. In the shack it's a ripper...

Cover: A really crook SWR might not just wreck your chances at getting the best output from your rig, it might wreck your rig's output stage too! The cover shot shows the Revex W502 SWR meter sold by Dick Smith Electronics (top left), which is the only meter on the market to provide very accurate readings of PEP output power. Beneath it is the interesting new MFJ208 VHF SWR analyser, which tells you the frequencies your antennas resonate at. The MFJ209 (not shown) covers HF. Read our special SWR report on page 18. At right is the PacComm TNC-320, a Packet Radio TNC which offers both HF and VHF packet at a reasonable price. Its full-color review starts on page 30.

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