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Build a Linear 2 Meter 80 W All Mode Amplifier 30

James Klitzing, W6PQL

This solid state amplifier will give your low power VHF transceiver or transverter just the boost you need.

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Your PC can do double duty — serving as an SDR engine and receiving digital modes.

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“Duino Display” is a simple Arduino project that will start you on your way.



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Using audio tones for RTTY works for some, but there are radios that sound much better with true FSK.

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Jerry Campbell, K4ZHM

This choke provides good conducted current suppression and doesn't cost much.

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Hendricks BitX17A 17 meter SSB transceiver kit; M² 2M-1K2 high power 2 meter amplifier



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A teenager ignites his ham family's enthusiasm for a holiday DXpedition to Cyprus.

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A laptop, a loop and a low power software defined radio bring high tech to a North Carolina mountaintop.

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Winter Break at the ARRL Puerto Rico Convention 72

Ángel Santana, WP3GW and Bob Inderbitzen, NQ1R

An ARRL-sanctioned convention was held in Hatillo, Puerto Rico in January and the event drew over 1100 attendees. The formula for success? Invite everyone!

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S. Khrystyne Keane, K1SFA

FCC fines unlicensed operators and proposes more spectrum at 5 GHz for unlicensed broadband; Montana governor signs legislation to limit antenna restrictions and protect hams from distracted driving regulations; more.

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Our Cover

Last summer, 15-year-old Padraig Lysandrou, KC9UUS, led his ham family to Cyprus for the DXpedition adventure of a lifetime, where they enjoyed beaches, battled bugs and, of course, made contacts and new friends. First licensed in October 2011, Padraig's involvement with Amateur Radio is off to a brilliant start. Read about his Cyprus DXpedition starting on page 65. Cover photo by Padraig Lysandrou, KC9UUS. Inset photo by Plato Lysandrou, KC9VIL.



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