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January 2017

Volume 101 Number 1

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Pair this modern power supply with the N0KC Centennial Amplifier or other projects.

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When Jeri Ellsworth passed all three Amateur Radio licensing tests at Pacificon in October 2016, most ham radio operators were unaware who she was, but a small faction of hams known as Makers were excited to have this vibrant mind among us at last.

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The push for 1 million NPOTA contacts is on!

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ARRL President Emeritus Jim Haynie, W5JBP, SK; FCC rule making petition to FCC calls for changes to the vanity call sign program; new *ARRL Repeater Directory* will leverage crowdsourcing technology; election news, more.

Our Cover

The January 2017 DIY issue features projects that use familiar tools and technology, as well as methods and gear that are newer — and possibly unfamiliar to you. Try something new, in the true spirit of DIY! Left and center: The back side of the motorized mast controller and a view of the controller power supply described in the article, "Telescoping Motorized Mast and Controller." [Courtney Krehbiel, KD6X, photos] Right: The power supply featured in the article, "A Small, Lightweight High-Voltage Switch-Mode Power Supply." [Ralph Crumrine, N0KC, photo]



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QST (ISSN:0033-4812) is published monthly as its official journal by the American Radio Relay League, Inc., 225 Main St., Newington, CT 06111-1494, USA. Periodicals postage paid at Hartford, CT, USA and at additional mailing offices.

POSTMASTER: Send address changes to: QST, 225 Main St., Newington, CT 06111-1494, USA. Canada Post: Publications Mail Agreement #90-0901437. Canada returns to be sent to IMEX Global Solutions, 1501 Morse Ave., Elk Grove Village, IL 60007.

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Indexed by Applied Science and Technology Index, Library of Congress Catalog Card No: 21-9421.

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