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About the Cover

Fred Brown, W6HPH, eliminates most man-made noise from his receiver with the NC (Noise Canceller). With his four-transistor circuit you can shift the phase of the signals coming from a separate noise antenna, and vary the amplitude of those signals to cancel the noise coming from the main receive antenna. One of the transistors serves as a phase splitter, allowing you to switch between 0° and 180° for the base phase shift. A dual-gate MOSFET serves as a variable-gain amplifier. (K9QZI Photo)



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