

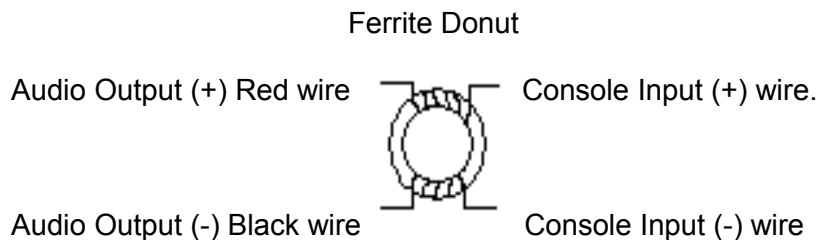
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### RF and EMI Filter

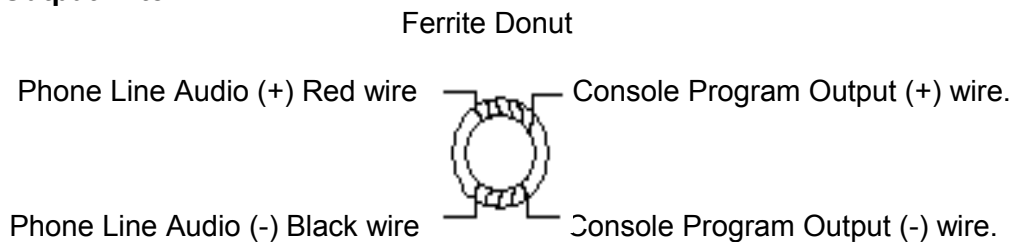
To reduce outside noise such as RF interference and EMI interference add the following filter choke to your input or output wiring. You can install this choke on the microphone as well as the stereo line inputs to reduce RF noise and interference. The choke works very well for the program output to prevent RF from the transmitter room from entering the console program outputs. Add this choke between the console program outputs and the phone line to block the lightning from entering the console.

The choke is a ferrite donut at least 1 inch in diameter. Strip the cables outside cover back 6 to 8 inches. Do not strip the red or black wires outside insulation. Now wrap the red wire around and through the hole for 6 to 10 turns. On the opposite side of the choke, wrap the black wire around and through the hole for 6 to 10 turns. Make sure you wrap the same number of turns for both the red and black wires.

### Input Filter



### Output Filter



Here are a couple of sources to contact to purchase your toroid chokes.  
All Electronics Corp., 14928 Oxnard St., Van Nuys, CA 91411-2610,  
Phone 888 826 5432, web: [www.allelectronics.com](http://www.allelectronics.com), Part number CAT# TOR-53

Leader Tech, 14100 McCormick Drive, Tampa, Florida 33626,  
Phone: 813 855 6921 Email: [sales@leadertechinc.com](mailto:sales@leadertechinc.com)