McGreevy VLF Radio Receiver

RX Frequency Range: 100 Hz - 11 kHz

This version sports a 2nd audio amplifier stage at Q3. The output level with this version is sufficient to drive a crystal headphone to a comfortable volume.

The "crystal" headphone is like those used on ye olde crystal radios. A "Walkman" type headphone is NOT the same thing! Check out Mouser #25CR860. Or use as input to your amplifier.

D1/D2 Optional - protects Q1 from nearby lightning

Schematic From: www.auroralchorus.com/bbb4b.htm
C4/C5 values: See text on above web reference
See also: www.auroralchorus.com home page
See also: www-pw.physics.uiowa.edu/mcgreevy/

NOTE: Output is microphone level audio.

T1 is a Radio Shack 1K CT primary to 8 ohm secondary
Only 1/2 of primary is used. Secondary is not used.
Radio Shack part number is 273-1380