

VHF Transmitter Specifications:

- Required By:** 1 February 2026
- Transmitter:** (75) Crystal-controlled two stage design, pulsed by a CMOS multivibrator. Very High Frequency range 148.000 -151.000 MHz
- Battery:** 3-volt lithium coin-cell battery, 2032 Sanyo or equivalent.
- Pulse Width & Rate:** 20 to 25 ms, nominal, 30-60 ppm, depending on activity
- Life Span:** Minimum of 250-260 days
- Weight:** Weight of entire unit not to exceed 6 grams.
- Activation:** By removing magnet.
- Housing:** Encapsulated in an inert waterproof epoxy. Circular in shape. Chest mounted using an adjustable Dacron line neck loop. Painted brown to match the body feathers of quail.
- Antenna:** Stranded stainless steel cable, 9" long, covered with a black nylon coating. Two layers of shrinkable tubing to reinforce the antenna at its base.
- Activity Sensor:** Movement can result in one additional "click" per pulse interval.
- Refurbishing:** All transmitters currently in PGC's possession must be refurbished to their original condition in addition to any new transmitters received after future use. Approximately 150 transmitters
- Guarantee:** Transmitters will be guaranteed against defects in materials or workmanship. Defective transmitters will be repaired or replaced within 60 days of return.