



Important Transmitter Information

- Each transmitter has an on/off reed switch controlled by a magnet. If the reed switch is not visible through the transmitter resin, dots indicate where the magnet should be placed. When the magnet is affixed, the transmitter will be off. When it is removed, the transmitter will turn on. Occasionally, the magnetically activated reed switch may stick in the off position. A light tapping of the transmitter electronics should activate the switch.
- *Prior to releasing the animal*, and after removing the magnet, confirm that your transmitters are operating by monitoring each transmitter's frequency, even if you have previously checked their operation.
- Transmitters having an on-board microprocessor will transmit anywhere from 16 to 50 start-up test pulses when the magnet is removed, prior to beginning their normal pulse rate.
- For transmitters with a duty cycle program option, once the transmitter has been started by removing the magnet, the transmitter clock starts. The duty cycle operation is determined by the time of magnet removal. Keep magnets away from the transmitters to avoid unintentionally changing the timing of the duty cycle. The most recent removal of the magnet from a specific transmitter determines when that transmitter's duty cycle program begins.
- Transmitters which include a mortality program option will start-up in the mortality mode after the magnet is removed. Shake the transmitter to reset the mortality switch and program.
- Transmitters should be separated by at least 5 cm. (2 in.) so the magnets do not "cancel" each other, and allow the transmitters to turn on or off inadvertently.
- Transmitters should be stored in a cool, dry location, away from heating sources.
- Transmitters utilizing very small silver oxide batteries, should be stored no longer than 90 days before deployment. For the smallest models, such as A2412 and A2414, deploy your transmitters within 30 days of receipt.
- Long term storage of transmitters with lithium batteries is not a concern.
- Keep the data sheet(s) and job number sent with this order for future reference.
- Thank you for ordering transmitters from Advanced Telemetry Systems. If you have any questions or concerns, please contact us.