OPERATING INSTRUCTIONS

FOR

PLL TRANSMITTER RDD

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Please read this owner's manual carefully before attempting to operate. This manual contains valuable information to ensure your equipment operates at optimum performance.

Feel free to contact us or visit our Web site for further assistance.

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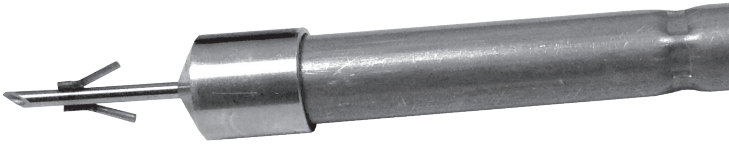
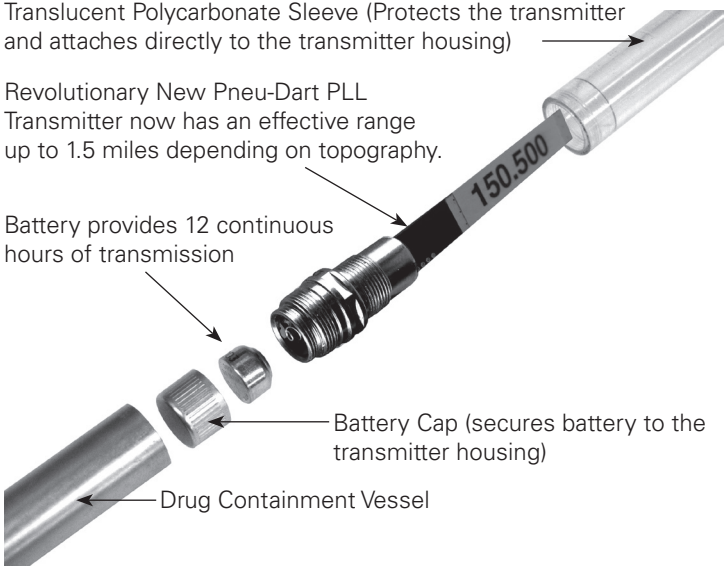


TRANSMITTER RDD PARTS

Translucent Polycarbonate Sleeve (Protects the transmitter and attaches directly to the transmitter housing)

Revolutionary New Pneu-Dart PLL Transmitter now has an effective range up to 1.5 miles depending on topography.

Battery provides 12 continuous hours of transmission



BATTERY SELECTION

The Pneu-Dart PLL Transmitter RDD will supports the 393 Silver-Oxide Battery.

393 Silver-Oxide:

- Works in virtually any environment including sustained submersion in water.
- Operates in ambient temperatures as low as -20F.

Note: *The 393 Silver–Oxide will operate for at least 12 continuous hours (at room temperature).*

LED Light Note:

To conserve the battery, the LED's will stop blinking after 4 hours of continuous use. The transmitter will continue to pulse for another 8 hrs. (silver) @ 28 milliseconds pulse rate, 50 pulses per min.

The LED can be re-activated by simply tapping or swiping the magnet over the transmitter to turn the transmitter off, then on again.

ASSEMBLING YOUR TRANSMITTER DART

1. PREPARING THE BATTERY:

Instructions in this manual reflect using the 393 Silver-Oxide battery.

A. Remove the battery from its packaging.

2. INSERTING THE BATTERY

Remove the threaded cap from the transmitter housing. Place the battery into the cap, making sure the **+** side is down into the cap. Thread the battery cap back onto the transmitter housing. (See Figure A & B)

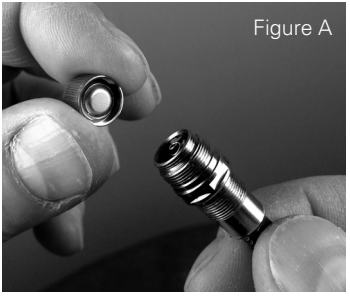


Figure A


Figure B

3. TRANSMITTER ACTIVATION:

As soon as the battery is inserted (step 2), the transmitter will automatically become activated, and the LED light will begin to flash.**

4. USING THE MAGNETIC POWER KEY:**

Using the magnetic key, you can easily turn your transmitter OFF. Simply tap the key to the transmitter housing. You will notice the LED light will stop flashing. Likewise to activate ON, simply tap the housing once again. (See Figure C) *Note: See page 4 for LED Note*


Figure C

5. FREQUENCY CHECK:

Once you have fully assembled your transmitter RDD, Your are now ready to test your transmitter.

- **A.** Confirm transmitter has been activated.
- **B.** Identify transmitter frequency. If unsure, all Pneu-RDD PLL transmitters have the frequency clearly identified with a label affixed to antenna. (See Figure D)
- **C.** Turn on your receiver to dial-in and test your frequency.

Figure D

6. ATTACHING THE TRANSMITTER TO THE DRUG CONTAINMENT VESSEL:

To install the transmitter into the RDD, take the transmitter with battery already assembled and thread it into the aluminum drug containment vessel. (*clockwise*) Finger tighten until snug. (See Figure E)

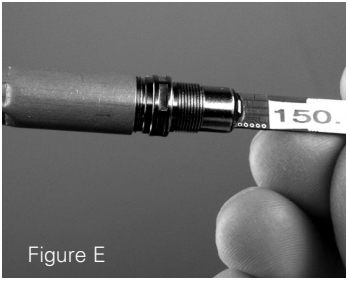


Figure E

Once finger tightened, finalize tightening with the Pneu-RDD wrench provided. Making sure the transmitter and drug containment vessel are securely together. (See Figure F)

Figure F

7. ATTACHING THE POLY CARBONATE TAIL SLEEVE:

Once the transmitter has been attached to the RDD, take the poly carbonate sleeve and slide it over the antenna and thread it onto the transmitter housing. (*clockwise*) Finger tighten the poly carbonate tail sleeve until snug.
(See Figure G)

Note: In the absence of the poly carbonate tail sleeve, please use caution when handling the transmitter.

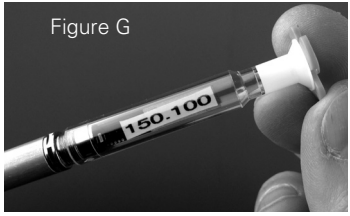


Figure G

8. TRANSMITTER IS NOW READY:

Once you have fully assembled your transmitter dart, and have tested the frequency, the drug containment vessel is ready to be filled.

** Earlier transmitter models did not come equipped with the Magnetic on/off capabilities or the LED light.

FILLING YOUR DRUG CONTAINMENT VESSEL

Latex gloves are recommended to be used when handling any drug.

Using a drug filled syringe equipped with a 19 gauge hypodermic needle

- **A.** Hold RDD in a vertical position and
- **B.** Insert the 19 gauge hypodermic needle in RDD cannula. Please be certain the fill needle is atleast 1/2" LONGER then the cannula length
- **C.** Fill RDD with required amount of drug (top off with sterile water if necessary)
- **D.** Cover the tip of the cannula (needle) in RDD with neosporine cream.

Note: While residing within the projector barrel, transmitter signal strength will be measurably less due to the attenuation of the barrel. As the transmitter dart exits the muzzle, optimal signal strength will be regained.

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