TelemetryPro® Turn-on Coil

The TelemetryPro turn-on coil is used to turn-on a TelemetryPro transmitter without having to gain access to the power button on the transmitter. This allows the transmitter to be pre-installed into a nosecone but still easily activated right before launch.   The turn-on coil generates a high frequency magnetic field that fills the entire loop area and is detected by a special circuit built into the transmitter.

Turn-on Coil
Model Mx205

To turn-on the transmitter, press and hold the silver button on the turn-on coil while sliding the coil around the outside of the nosecone such that the tip of the nosecone passes through the middle of the coil. Slide it somewhat slowly. A few inches per second is ideal.   The turn-on coil just needs to be approximately even with the top of the transmitter for just over one second. Listen for a beep that will come from the transmitter when it powers up. When you hear the beep, you can release the silver button.

When the transmitter powers up, it generates a one second beep to let the user know. It then beeps out its transmitter ID code and repeats that every so often in case it is needed for setting the receiver to the same code. The beeping also serves as an audible "I am still alive" indicator.

The turn-on coil has a green LED indicator that indicates the battery voltage is good and that the unit is operating. The LED is extremely bright and can easily be seen in direct sunlight. **Do not stare directly into the green LED.**

There is no power switch for the turn-on coil itself.   Just the one silver button that powers it on and activates the coil. The button is recessed flush to prevent accidental activation during storage and handling.   The turn-on coil uses a standard 9V alkaline battery.

The turn-on coil can only power-on a transmitter. It cannot power it off.   However, the transmitter can be powered-off remotely by selecting the "turn-off transmitter" menu option on the receiver.