GPS COLLARS

AgTraX Pro
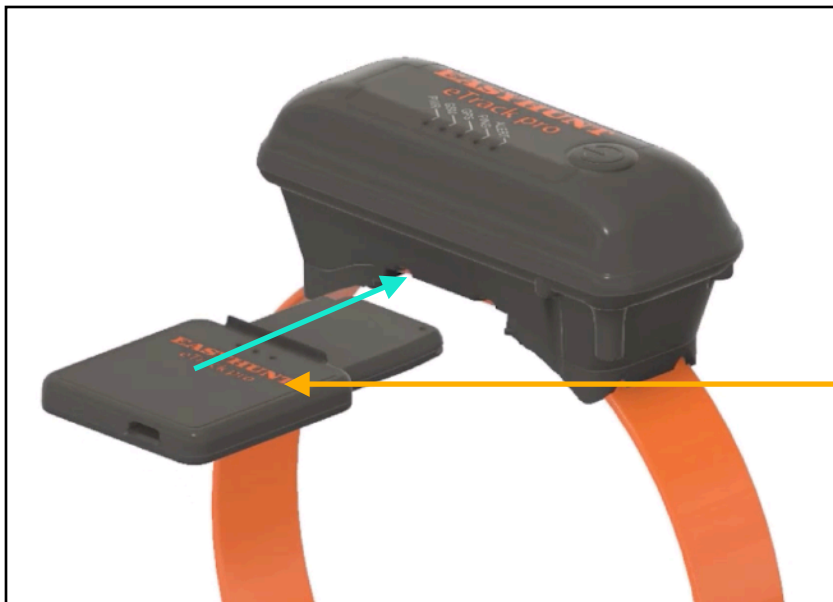
AgTraX Pro: Key Features

1. Power Button

2. Microphone

3. LEDs

4. To charge, insert charging puck in direction of blue arrow.

AgTraX Pro: Charging

NOTE: The first time, the AgTraX pro should be charged for 8 hours.

1. Connect the USB cable to the Charging Puck and to the Power adapter (provided).

2. Insert the Charging Puck into the charging slots on the AgTraX Pro until you hear it click in place.

3. Lights on both the Charging Puck and the tracker will flash.

The charging Puck flashes Green to indicate that it is charging. A solid Green light indicates that it is fully charged. To check the battery charge level, press the Power Button and the white lights will start to flash but release the button before all the lights light up. The battery charge level will be indicated by the green lights from 20 - 100% charge. If the charge is below 20% a red light will show.

AgTraX Pro: Network Connection and GPS

If AgTraX Pro is switched off, press and hold the power button until 5 purple lights flash and the tracker vibrates. The AgTraX Pro is now switched on. The tracker is switched off in a similar manner. Before it switches off red lights will flash a number of times.

AgTraX Pro will collect GPS data at preset intervals which are sent to the unit from GPS Collars Servers. If the unit is powered on continuously then the following LED indicators will flash on a 5 second rotation.

PWR (Battery indicator) Blue = tracker is switched on, Red = power low, double Red = critically low power.

GSM (Mobile connection) At start up the GSM light will flash Green while searching for a network and double Purple flash when connected. It will flash Red if a mobile signal cannot be found and double Red if it has not been connected with GPS Collars server for 90 seconds. In that case, first ensure that the tracker is outdoors and under open sky. If that does not help, re-start the tracker. If triple or quadruple Red lights are flashing there is a fault in the SIM card and you need to contact GPS Collars Support. **WARNING:** Do not open the tracker yourself. You cannot replace the SIM card.

GPS (GPS satellite connection): At start up the GPS light will first flash Orange whilst the tracker is searching for GPS satellites. If the GPS light flashes Red the tracker has failed to connect with any satellite. It flashes Blue if it has locked on to four or fewer satellites and if it flashes Cyan (light blue-green) flash, this indicates a reliable GPS lock on to five or more satellites.

AgTraX Pro: LEDs and their meaning

LED Indicators

All LED's (Sleep Mode)

- Green Flash "Bar Graph" indicates battery level.

- Green Scrolling of all LED's indicates unit is charging.

- Red Scrolling of all LED's indicates charging but the battery level is extremely low and is in recovery mode.

Power LED

- Blue LED Flash every 2 seconds indicates device is on and ready.

- Single Green LED Flash with the Blue Flash every 2 seconds indicates the device is charging.

- Double Green indicates device is fully charged.

- Single Red LED Flash indicates the Low Battery Warning.

- Double Red LED Flash indicates the Battery is critically low and device will power down unless connected to charger.

GSM LED

- Green Flash indicates searching for network.

- Blue Flash indicates the device is logged onto home network, but not communicating with the server.

- Purple Flash indicates communicating with the server on home network.

- Double Blue Flash indicates the device is logged onto a roaming network but not communicating with the server.

- Double Purple flash indicates communicating with the server on roaming network.

- Red Flash indicates no signal.

GPS LED

- Orange Flash indicates device is searching for satellites.

- Red Flash indicates no GPS Lock.

- Blue Flash indicates GPS Lock (< 4 Satellites).

- Cyan Flash indicates GPS Lock (> 5 Satellites).

Error Code LED's

- GSM LED - Double Red Flash indicates no server connection in the last 90 seconds.

- GSM LED - Triple Red Flash indicates Network Registration Failure.

- GSM LED - Four Red Flashes indicates SIM Error.