

New products mean new capabilities

GT

Can you find your PTT?
We can—with GT™!



Ground Track, GT™

In our ongoing commitment to offer you state-of-the-art animal tracking devices, we are pleased to offer these new products.

Pressure Sensing Implantable PTT

Our implantable PTTs are now available with a pressure sensor to sense dive depth. By adopting the techniques used in our Archival Pop-upTags, the microcomputer within the PTT can record the sensed pressure at three-second intervals and analyze the measurements for later transmission to Argos.

Dive depths, recorded in five depth bins, the number of dives, mean dive duration and inter-dive duration are recorded in four hour blocks. Every third day the records from the previous three days are transmitted to Argos.



If you have ever searched for a lost PTT on a tagged dead bird you know how difficult this can be. The Argos positions, at best, may tell you where it is to within 150 m; however, locations from dead birds are rarely location class 3! Even then, in typical field conditions, it is like looking for a needle in a haystack. Our new Ground Track, GT™, feature switches your PTT into a conventional tracking transmitter when mortality is sensed.

GT™ will be available soon on most of our PTTs. Now there is no need to glue a separate VHF transmitter to your PTT or have a separate antenna dangling from it. GT™ combines a UHF pulsed tracking transmitter, that sounds like the VHF units you are accustomed to, into the PTT. This transmitter shares the PTT's antenna and has some unique features.

GT™ has its own programmable duty cycle and the option to be activated in a mortality mode when activity ceases. It also transmits at two power levels making it exceedingly easy to find when you are right "on top" of it. Now if you are within a few miles of the unit, you can quickly find it.

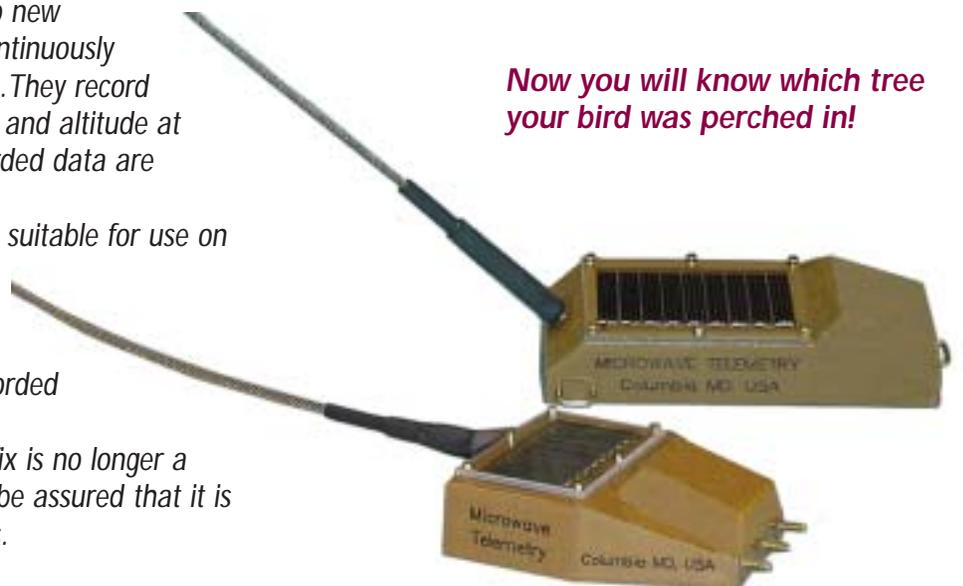
50g Argos/GPS Solar PTT for Patagial Mounting and 45g Argos/GPS Solar PTT

We are pleased to bring you these two new PTTs—the result of our commitment to continuously develop smaller, more sophisticated devices. They record GPS positions together with speed, heading and altitude at hourly intervals. Every third day these recorded data are transmitted to Argos on an SiV™ schedule.

These second generation GPS units are suitable for use on many species in both home range and long range studies. We can even program them to take as few as one GPS position a day and every few days transmit these recorded positions to Argos.

With GPS accuracy, the grade of your fix is no longer a concern. If you get a GPS location you can be assured that it is within 30 m of where the PTT actually was.

Now you will know which tree your bird was perched in!



Be sure to visit our updated website at www.microwavetelemetry.com