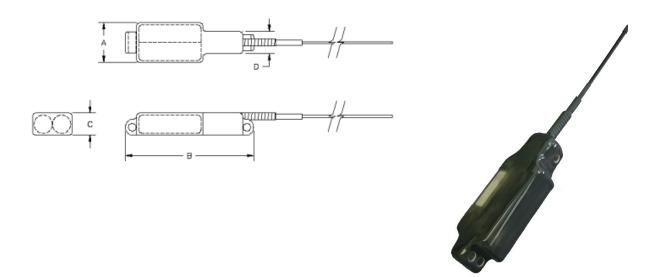
## ADVANCED TELEMETRY SYSTEMS

## AVIAN BACKPACK

## Series A1500



## **Technical Specifications**

Transmitter type: Crystal controlled 2-stage ("B" suffix denotes 3-stage)

Calibration tolerance: ±2.5kHz

Frequency stability: ±2.5kHz, -20°C to +40°C

Pulse rate and width: Typical on time 20ms, off time 1100ms (controlled by uC) Pulse rate variation: 0.01%/volt,  $\pm 0.01\%$  for temperatures -20°C to +40°C

Battery: Lithium

Activation: By removing magnet

Encapsulation: Electrical resin, water-proof, specific gravity: 1.12

MODEL SPECIFICATIONS									
Model	Battery	Battery	Dimensions				Weight*	Price	
		(days)		(mm)				(grams)	Group
	3.5V	40 ppm	55 ppm	Α	В	С	D		
A1520	2/3AA	1574	1207	32	62	17	11	46	D
A1530	2/3A	2204	1690	35	62	19	11	55	D
A1530B	2/3A	840	623	39	62	17	14	57	D
A1540	AA	2833	2173	32	80	17	11	73	D
A1540B	AA	1080	801	36	84	17	14	75	D

Factors other than battery capacity may reduce life.

Warranty life is 50% of battery capacity, maximum of two years.