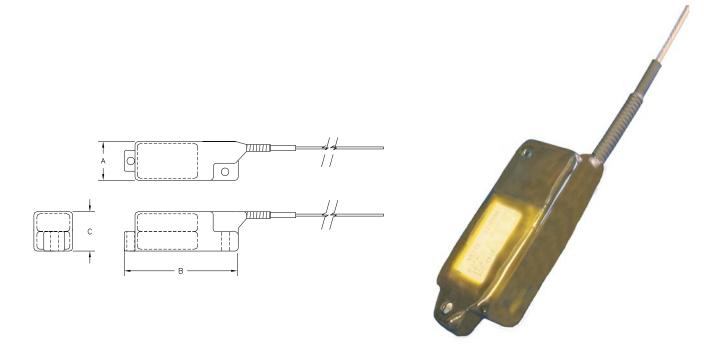
## MATS ADVANCED TELEMETRY SYSTEMS

## **AVIAN BACKPACK (PTT)**

## Series A1400



## **Technical Specifications**

Transmitter type: Crystal controlled 2-stage

Calibration tolerance:  $\pm 2.5 \text{kHz}$ 

Frequency stability:  $\pm 2.5 \text{kHz}$ ,  $-20^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ 

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

Battery: Lithium

Activation: By removing magnet

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

MODEL	BATTERY	BATTERY CAPACITY (days)		DIMENSIONS (mm)		WEIGHT (grams)	PRICE GROUP	
	3.5V	40 ppm	55 ppm	A	В	С		
A1420	7PN	780	598	18	49	15	25	D

Factors other than battery capacity may reduce life.

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