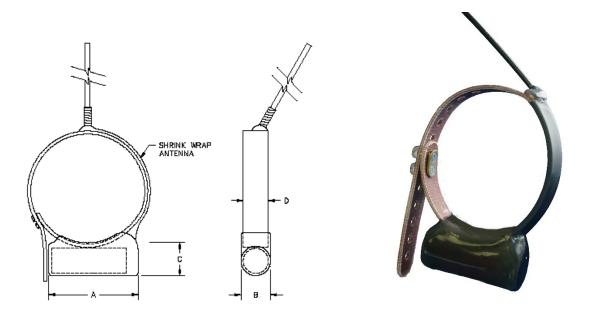
MATS ADVANCED TELEMETRY SYSTEMS

MAMMAL COLLAR

Series M1900



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, ±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 Capacity		Dimensions				Weight*	Price
		(days)		(mm)				(grams)	Group
		40 ppm	55 ppm	Α	В	С	D		
M1920	1/2AA	654	502	38	19	22	12	38	С
M1930	2/3AA	787	603	46	19	22	12	40	С
M1940	2/3A	1102	845	46	20	24	12	42	С
M1940B	2/3A	420	311	46	20	24	12	44	C
M1950	AA	1416	1086	62	20	22	12	60	С
M1950B	AA	540	400	62	24	22	12	62	С

^{*}Weight for 3-ply neoprene collar. Other plys, widths and material available. Wider and thicker collar material will increase transmitter weight.

Factors other than battery capacity may reduce life.

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

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