



### Technical Specifications

Transmitter type:	Crystal controlled 2-stage ("B" suffix denotes 3-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%/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 <sup>+</sup> (grams)	PRICE GROUP
		40 ppm	55 ppm	A	B	C	D		
M2210	AA	1416	1086	62	17	23	19	65	D
M2210B	AA	540	400	62	17	23	19	67	D
M2220	C	4194	3215	62	30	35	25	160	E
M2220B	C	1598	1185	62	30	35	25	160	E
M2230B	D	3796	2816	75	37	42	25	190	E

<sup>+</sup> Weight for 5-ply neoprene + 3-ply antenna pocket. Other plys and materials also available.

Factors other than battery capacity may reduce life.

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