



**Technical Specifications**

|                        |   |
|------------------------|---|
| Transmitter type:      | Crystal controlled 2-stage  |
| Calibration tolerance: | ±2.5kHz   |
| Frequency stability:   | ±2.5kHz, -20°C to 40°C  |
| Pulse rate and width:  | Typical on time 20ms, off time 1.1-2.0sec (controlled by astable circuit) |
| Pulse rate variation:  | 5%/volt, ± 20% for temperatures -20°C to +40°C                            |
| Battery:               | Silver Oxide  |
| Activation:            | By removing magnet  |
| Encapsulation:         | Electrical resin, water-proof, specific gravity: 1.12                     |

| MODEL | BATTERY | BATTERY CAPACITY (days) |        |        | DIMENSIONS (mm) |    |   |   |   | WEIGHT (grams) | PRICE GROUP |
|-------|---------|-------------------------|--------|--------|-----------------|----|---|---|---|----------------|-------------|
|       |         | 30 ppm*                 | 40 ppm | 55 ppm | A               | B  | C | D | E |                |             |
| R1610 | 379     | 34                      | 20     | 14     | 7               | 18 | 4 | 5 | 9 | 1.0            | A           |
| R1620 | 377     | 58                      | 34     | 25     | 8               | 19 | 4 | 5 | 9 | 1.3            | A           |
| R1630 | 392     | 94                      | 55     | 40     | 9               | 20 | 5 | 5 | 9 | 1.7            | A           |
| R1640 | 394     | 164                     | 96     | 70     | 11              | 22 | 5 | 5 | 9 | 2.0            | A           |
| R1650 | 393     | 158                     | 93     | 68     | 9               | 20 | 7 | 5 | 9 | 2.2            | A           |
| R1660 | 389     | 198                     | 116    | 85     | 13              | 24 | 5 | 5 | 9 | 2.5            | A           |
| R1670 | 386     | 257 <sup>+</sup>        | 150    | 110    | 13              | 24 | 6 | 5 | 9 | 3.1            | A           |
| R1680 | 357HC   | 441 <sup>+</sup>        | 258    | 189    | 13              | 24 | 7 | 5 | 9 | 3.6            | A           |

\*15 ms pulse width

<sup>+</sup>Factors other than battery capacity may reduce life.

Warranty life is 50% of battery capacity.

470 First Ave. No. • Isanti, MN 55040  
763.444.9267 • fax:763.444.9384 • sales@atstrack.com • www.atstrack.com