

Features

- Advanced Sensor Technology:**
- Capacitive Polymer Humidity
 - Bead Thermistor Temperature

Simple to Use:

- Dry cell (Alkaline) batteries
- No pre-flight temp & humidity recalibration required

RADIOSONDE GPS - MODE

IMA BAT-16G

Transmitter

Tuning Frequencies	1676, 1678, 1680, 1682 MHz
Output Power	300 mW
Transmission	76 kilobaud, FM
Bandwidth	130 kHz (1680 Mhz)
Stability	Crystal Controlled

Sensors

<i>Temperature</i>	
Type	Bead Thermistor
Range	-90 to 60 Deg C
Accuracy	0.3 Deg C
Resolution	0.01 Deg C
<i>Humidity</i>	
Type	Capacitive Polymer
Range	0 to 100% RH
Accuracy	5% RH
Resolution	1% RH

GPS Receiver

Number of channels	8
Update Rate	1Hz
Acquisition Time	50sec
Altitude Accuracy	10m (rms)



1680 MHz GPS Technology