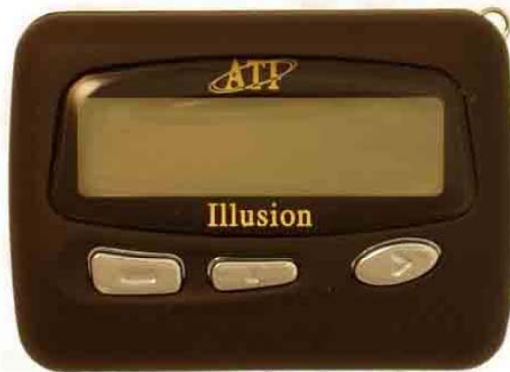
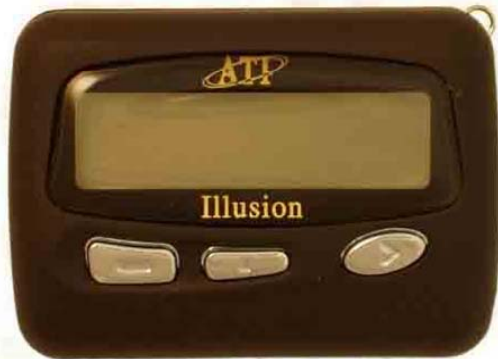


# Illusion Side Display Numeric



- **POCSAG**
- **18 Messages, 20 Characters per Message**
- **4 Paging Addresses**
- **Time & Date Stamp**
- **Sequential Lockout**
- **12 Message Protection**
- **15 Musical Alerts & 4 Tone Alerts**
- **Alarm Clock Settings**
- **Available in 5 Colors**
- **12.5 KHz or 25 KHz Spacing**
- **Synthesized & Hand Programmable**



# Illusion POCSAG Specifications

Illusion POCSAG	VHF	UHF	900 MHz
Frequency Range	138-174 MHz	406-474 MHz	929-932 MHz
Baud Rate (bps)	512/1200/2400	512/1200/2400	512/1200/2400
Code Format	POCSAG	POCSAG	POCSAG
Paging Sensitivity (u/Vm)	Baud 512 : 5.3 u/Vm Baud 1200 : 6.67 u/Vm Baud 2400 : 8.40 u/Vm	Baud 512 : 5.3 u/Vm Baud 1200 : 6.67 u/Vm Baud 2400 : 8.40 u/Vm	Baud 512 : 5.3 u/Vm Baud 1200 : 6.67 u/Vm Baud 2400 : 8.40 u/Vm
Selectivity	+/- 60 dB	+/- 55 dB	+/- 50 dB
Spurious & Image Rejection	+/- 50 dB	+/- 50 dB	+/- 40 dB
Frequency Stability	+/-15 ppm	+/-5 ppm	+/-3.5 ppm
Channel Spacing	25/12.5 kHz (Narrow Band)	25/12.5 kHz (Narrow Band)	25/12.5 kHz (Narrow Band)
Receiver Type	Synthesized	Synthesized	Synthesized
Address Capability	4 POCSAG addresses	4 POCSAG addresses	4 POCSAG addresses
Frequency Deviation	+/-4.8kHz	+/-4.8kHz	+/-4.8kHz
Alert Tone SPL	-78 dB@12 in	-78 dB@12 in	-78 dB@12 in
Operating Temperature	5 <sup>0</sup> to 40 <sup>0</sup> C	5 <sup>0</sup> to 40 <sup>0</sup> C	5 <sup>0</sup> to 40 <sup>0</sup> C
Storage Temperature	-40 <sup>0</sup> to +85 <sup>0</sup> C	-40 <sup>0</sup> to +85 <sup>0</sup> C	-40 <sup>0</sup> to +85 <sup>0</sup> C
Power Supply	1.5V, AAA Alkaline Battery	1.5V, AAA Alkaline Battery	1.5V, AAA Alkaline Battery
Battery Life: (Estimated battery life is based on full battery capacity and 2 messages per day)	Baud 512 : 30 days Baud 1200 : 25 days Baud 2400 : 23 days	Baud 512 : 30 days Baud 1200 : 25 days Baud 2400 : 23 days	Baud 512 : 30 days Baud 1200 : 25 days Baud 2400 : 23 days
Low Battery Alert level	1.20 Volts	1.20 Volts	1.20 Volts
Dimensions	3.2in x 2.7in x 0.11in	3.2in x 2.7in x 0.11in	3.2in x 2.7in x 0.11in