



ATCOM Wireless AT100

- ▶ Qwerty keyboard with 35 keys
- ▶ 10 line display with 20 characters each
- ▶ Backlit keyboard and display
- ▶ Address book holds up to 250 contacts
- ▶ Group addressing
- ▶ Search for and sort addresses by name
- ▶ Alarm clock with snooze feature
- ▶ Calendar
- ▶ Private time
- ▶ Multiple alerts or silent vibration
- ▶ 16 "canned" replies, such as "Yes," "No," and "Thank You."
- ▶ User programmable "quick text" and custom replies
- ▶ Rechargeable battery (charger included)
- ▶ Multiple folders for saving your messages, including Drafts, Personal & Memos
- ▶ PC serial connection for address book and data backup (optional)

Performance Specifications

TRANSMITTER	
Frequency Range	896 MHz ~ 902 MHz
Bit Rate	800, 1600, 6400 and 9600 bps
Channel Spacing	12.5 KHz in 6.25 KHz steps
Signaling	4 level FSK
Frequency Deviation	± 800 Hz and ± 2400 Hz
Emissions	Meets Narrowband FCC part 24
Frequency Stability	1 ppm
Power into Antenna	1 Watt
Transmit EIRP	300mV (8 position AVG)

RECEIVER	
Frequency Bands	929 MHz ~ 942 MHz
Channel Spacing	6.25 kHz, 10 kHz
Bit Rate	1600, 3200, 6400 bps
Frequency Deviation	± 800 Hz and ± 2400 Hz
Spurious Emission	Meets FCC part 15
Image Rejection	45dBc
Spurious Rejection	>55 dB at -105 dBm
Selectivity	50 dBc at ±25 kHz
Signaling	4 level FSK

GENERAL	
Size	3.15" x 2.64" x 0.95" (80mm x 67mm x 34mm)
Weight	3.7 oz with battery (105 g)
Processor	32bit RISC (14 MIPS)
Memory	Flash 512 Kb Data 256 Kb
Battery Type	Rechargeable 700 mAh Lithium Ion
Battery Life	Estimated 7 days per charge (< 2 hours recharge)
Viewing lines	10 lines x 20 characters each
LCD Resolution	160 X 128 pixels
Protocol	ReFLEX 2.7
Temperature	Operating 32° to + 122° F (0° to 50° C) Storage 15° to 140° F (10° to 60° C)