



SECTEL™ 9600

International Voice and Data Security

The Motorola SECTEL 9600 is a full-function desktop unit that provides worldwide voice/data encrypted security through the telephone network. Easy to use and low-profile in size, the 9600 offers voice quality that is exceptional and security that is virtually transparent to

the user. It is also interoperable with the Motorola *CipherLink™* System and all other products in the Secure Enterprise Communications Environment. Key features include simultaneous voice and data transmissions in the secure mode, hands-free speaker phone and two key management modes.

► FEATURES

- *Secure/Clear Voice Modes* Provides superior voice quality in both the secure and clear modes
- *Secure Data Capability* Allows secure data communications with computers, FAX's, or other RS232 compatible devices
- *Automatic Fall Back* Allows for uninterrupted secure communications
- *Speakerphone* Provides hands-free operations
- *Simultaneous Voice and Data* View and discuss voice and data at the same time for interactive communication
- *High Level Encryption* Allows for a high degree of voice/data privacy
- *Programmable Keys* Key Storage Devices are convenient to carry and made of durable, wear-resistant material designed to protect them from dust, dirt, and magnetic fields
- *Auto Answer/Auto Secure/Auto Data* Allows the terminal to answer data (e.g., FAX) transmissions securely without user interface
- *Feature Phone* Allows the user to replace existing desktop telephones while maintaining feature phone capability

- *2-Wire Full-Duplex Operation* Allows the user to talk and listen over a standard telephone line
- *Two Key Management Modes*
 - *Custom Mode* Allows the SECTEL 9600 user to retain control over the system through manually-generated key variables
 - *Automatic Public Key (APK) Mode* Implements a "keyless" RSA-based technology to enable transparent interoperability with other secure products
- *Erase Capability* Permits the user to protect his terminal keying information
- *Cryptographic Memory Storage* SECTEL 9600 retains its cryptographic memory even when power is lost
- *AT Command Set* Allow remote control from a PC

► APPLICATIONS

- Campus or Office Building Environments
- Small Office Settings
- Conferencing
- Data Transfer

► SPECIFICATIONS

Mounting: Desktop

Input Voltage: 90 to 250 VAC

Input Frequency: 47 to 63 Hz

Input Power: 20 Watts

Operating Temperature: 0°C to +50°C
+32° F to +122° F

Storage Temperature: -40° C to +70° C
-40° F to +158° F

Humidity: 90% (non-condensing)

Modem:

- V.26 Ter Based: 2.4 kbps with echo cancelling
- V.32: 9.6 kbps and 4.8 kbps with echo canceling
- Input level of -6 to -43 dBm
- Output level adjust -1 to -12 dBm

Speech Processing:

- 2.4 kbps Linear Predictive Coding (LPC 10 enhanced) Full and Half duplex
- 4.8 kbps Code-Excited Linear Predictive Coding (CELP) Full duplex
- 9.6 kbps Modified Residual Excited Linear Predictive Coding (MRELP) Full duplex

Data Mode:

- RS232 Compatible
- 9600/4800/2400 Baud Synchronous
- 9600/4800/2400/1200/600/300/110/75 Baud Asynchronous

Compliance:

United States	FCC Part 68
United States	UL 1459
European Union	CE MARK
European Union	EN 60950
European Union	EN 55022
European Union	EN 50082-1:1992
European Union	EN 61000-3-2
European Union	EN 61000-3-3
Australia	A92/27C/0126
Canada	109 4290 A
Denmark	DK 91021019
Germany	A103 236C
Japan	P92-2009-1
Malaysia	TAJE/02A/0592/5
Norway	NO 92000072-D
Sweden	92121032
UK (BABT)	NS/1357/23/N/603273
Others Pending	

► PHYSICAL CHARACTERISTICS

Height: 10.4 cm (7.4 cm without handset)
4.1 in (2.9 in without handset)

Width: 25.9 cm
10.2 in

Depth: 23.8 cm
9.4 in

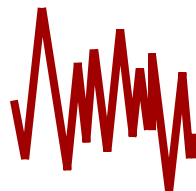
Weight: 4.0 kg
8.8 lbs



MOTOROLA

What you never thought possible™

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