

TELEX[®]

SAFE-1000 UHF

ENCRYPTED WIRELESS MICROPHONE SYSTEM

DIGITAL
ENCRYPTION

UHF
AGILE

950
CHANNELS

UP TO
16+
SIMULTANEOUS
SYSTEMS

Who's listening to your conversation?

While the wonders of wireless technology brought new freedom to communication, your conversations were available to whoever wanted to listen.

Until now.



THE S.A.F.E.-1000 WIRELESS MICROPHONE SYSTEM is available with a beltback transmitter or a handheld microphone. The rugged cast magnesium beltback transmitter is a compact design that meets the needs of most any wireless user. The handheld microphone is fully featured and includes a unique warmgrip™ handle.

So when the application calls for security, S.A.F.E.-1000 is the solution.

SECURE AUDIO FREQUENCY ENCRYPTION

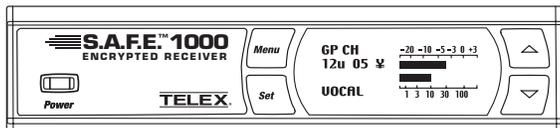
NOW TELEX, CREATORS OF THE FIRST SECURE WIRELESS MICROPHONE, OFFERS FREEDOM AND SECURITY with the new S.A.F.E.-1000™ second generation encrypted wireless microphone system. The S.A.F.E.-1000 (Secure Audio Frequency Encryption) system brings airtight security to wireless transmissions of confidential information. Each and every matched S.A.F.E.-1000 system comes with its own unique security code. Not even another S.A.F.E.-1000 receiver can intercept your transmission.

THE S.A.F.E.-1000 OFFERS POWERFUL FEATURES like Advanced ClearScan™ automatic channel selections, 950 possible channels, and factory preset groups and channels that allow up to 16 simultaneous systems in one band. These tools make setting up a Fortune® 500 boardroom with 10 systems quick and easy.

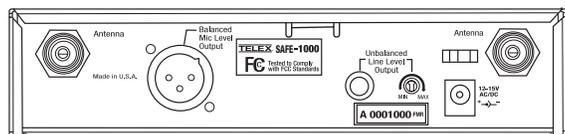
WHEN CONFIDENTIALITY IS PRIORITY ONE, THE S.A.F.E. SYSTEM REPRESENTS A BREAKTHROUGH IN SECURITY FOR WIRELESS MICROPHONES. Based on technology adapted from Telex's intercom used by the National Football League, the S.A.F.E.-1000 system is ideal for the transmission of restricted or classified information over a wireless system. A scanner cannot intercept encrypted conversation when you're on a S.A.F.E.-1000 system, unlike other brands of wireless microphones.

SPECIFICATIONS

SAFE-1000 Receiver



FRONT PANEL



REAR PANEL

Controls

Front Panel: On/Off, menu, set, up, down buttons
 Rear Panel: 1/4 inch output level

Indicators

LCD Backlit Display: Group, channel, diversity, label, squelch, set-up screen, audio signal amplitude, RF signal strength.

Connectors

Back Panel: 1/4 inch unbalanced adjustable output
 XLR balanced output
 Antennas: Detachable 1/4 wave

RF Specifications

Frequency Range: A Band 680 – 704 MHz (TV Channels 49, 50, 51, 52)
 B Band 722 – 746 MHz (TV Channels 56, 57, 58, 59)
 Number of Channels: 950 possible (programmable in 25kHz steps)
 Diversity: DSP PosiPhase true diversity
 Receiver Type: synthesized PLL agile UHF
 Modulation Type: NFSK
 Squelch: Digital plus Amplitude
 FCC: Approved under Part 15

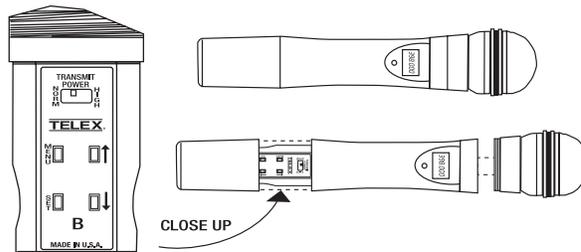
Audio Specifications

Frequency Response: 100 – 7000 Hz +/- 2 dB
 Encryption: 32 Bit (16 imbedded, 16 user assigned)
 Audio Output Level:
 Line Level: 8 mV - 0.775V RMS into a 100 k ohm load
 Balanced: -10 dBV max
 Distortion: Less than 1.0% (@1kHz)
 Signal to Noise Ratio: > 90 dB
 Dynamic Range: >90 dB

General Specifications

Power Supply: External 12 VAC 750mA in-line with cord
 Size: 1.72" H x 7.50" W x 8.38" D
 43.69mm H x 190.50mm W x 212.85mm D
 US Patent No.: 4,293,955

SAFE-HT Handheld Transmitter



Controls

Power on/off
 Audio gain adjustment with 26 dB range
 Transmit power switch
 Menu, set, up, down buttons

Displays

LCD display (channel and group, frequency, battery level), red LED battery low indicator

Battery Life

7 hours with 9V alkaline (typical)

Antenna

Internal 1/2 wave

Microphone Elements

EV N/D 767a Dynamic or RE 510 Condenser (Available separately)

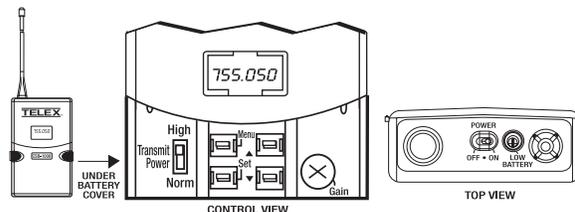
RF Output

Normal: 5 mW (typical)
 High: 50 mW (typical)

Size

10.5 in. long (26.8 cm)

SAFE-WT Bodypack Transmitter



Controls

Power on/off switch
 Audio gain adjustment with 40 dB range
 Transmit power switch
 Menu, set, up, down buttons

Indicators

Red LED low battery indicator
 LCD display (channel/group, frequency, battery level)

Battery Life

7 hours with 9V alkaline (typical)

Antenna

External 1/4 wave detachable

Connector

TA4M input for microphone
 Pin 1 ground, pin 2 mic input
 Pin 3 +5V bias, pin 4 +5V through 3k ohm

RF Output

Normal: 5 mW (typical)
 High: 50 mW (typical)

Case Material

Cast magnesium

Size

3.75 in. x 2.6 in. x .9 in.
 96 mm x 66 mm x 23 mm

TELEX COMMUNICATIONS

12000 Portland Avenue South, Burnsville, Minnesota 55337 U.S.A.
 TEL: 800-392-3497 • FAX: 952-736-4582

pro.sound@telex.com www.electrovoice.com/telex-wireless

