

The Only SAFE  
Wireless  
Microphone  
System



## SECURE AUDIO FREQUENCY ENCRYPTION

Now Telex offers freedom and security with its new S.A.F.E.™ encrypted wireless microphone system. The S.A.F.E. (Secure Audio Frequency Encryption) system brings airtight security to wireless transmissions of confidential information. Each and every matched S.A.F.E. system comes with its own unique security code. Not even another S.A.F.E. receiver can intercept your transmission.

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. 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. system, unlike other brands of wireless microphones.

The S.A.F.E. Wireless Microphone System comes with a belt-pack transmitter and a handheld microphone. The rugged belt-pack transmitter is a compact design that meets the needs of most any wireless user. The handheld microphone is fully featured and elegantly styled.



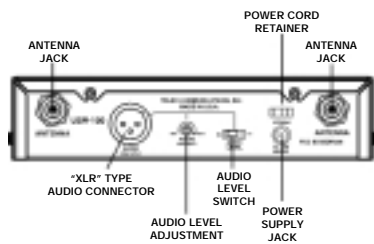
Who's listening to your conversation?

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

**Until now.**

**Telex®**

# Wireless Microphone System SPECIFICATIONS



## RS-1 Encrypted Receiver

**RF Frequency Range:** 668.0 to 746.0 MHz

**Channels:** 100 (0-99) (within TV Ch. 47/48 & 58/59)

**R.F. Stability:** 0.005% or better

**Modulation Type:** NFKS

**Type:** Single Conversion, 10.7 MHz I.F.

**I.F. Bandwidth:** 230 KHz at -3 db points

**Image Rejection:** 65dB or better

**Squelch:** Digital Coded

**Audio Output:** Line Level (max), 1.3V RMS/100k load, Mic Level (max) -32 dBV, 600 Ohm load: both adjustable

**Receiver Sensitivity:** Less than 0.8 uV for 12 dB SINAD

**Diversity:** Full Time True Diversity... Both antennas are fully employed at all times to maximize signal strength (patented)

**RF Selectivity:** Microprocessor controlled tracking resonator front end

**Audio:** Code Keyed ONLY to transmitters shipped with system

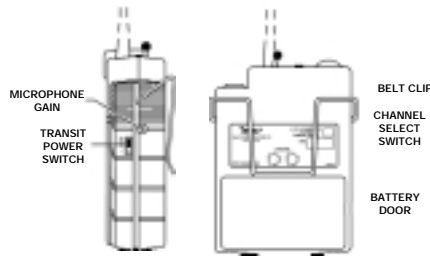
**Approvals:** FCC, Part 15

**Dimensions:** 1¾"H x 7½"W x 7⅞"D

**Weight:** 1 lb. 8 oz.

**Part Number:** 7125800X

Patent Pending



## LS-1 Beltpack Transmitter

**Purpose:** The Telex Model LS-1 Transmitter is intended for use with the Telex Model RS-1 Receiver. The two units form a Professional Wireless Microphone System operating within Television Channels 47/48 and 58/59.

**Frequency of Operation:** 668.000 to 746.000 MHz (Current models operate in 2 frequency ranges) 668.100 to 679.500 MHz and 734.100 to 745.500 MHz

**Number of Channels:** 100 User Selectable Channels in each range

**Power Output (Terminated):** 10 mW, High switch setting, 1.0 mW Low

**Antenna:** Permanently attached

**Modulation:** NFKS, ±33 KHz Deviation

**Audio:** Encrypted & Code Keyed to Receiver

**Microphone:** Dynamic or Electret, +5 VDC Bias

**DC Power:** 2 AA Size Alkaline Batteries

**Battery Life:** Up to 7 Hours High Position, 9 Hours Low

**Battery Indicator:** 4 segment indicator, Test Switch

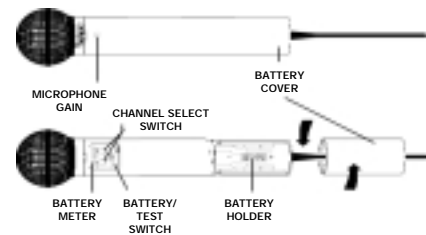
**Approvals:** FCC, Part 74H Industry Canada, RSS123

**Dimensions:** 4"H x 2¼"W x 1"D

**Weight:** 4 oz.

**Part Number:** 7125900X

Patent Pending



## HS-1 Handheld Microphone

**Purpose:** The Telex Model HS-1 Transmitter is intended for use with the Telex Model RS-1 Receiver. The two units form a Professional Wireless Microphone System operating within Television Channels 47/48 and 58/59.

**Frequency of Operation:** 668.000 to 746.000 MHz (Current models operate in 2 frequency ranges) 668.100 to 679.500 MHz and 734.100 to 745.500 MHz

**Number of Channels:** 100 User Selectable Channels in each range

**Power Output (Terminated):** 10 mW, High switch setting, 1.0 mW Low

**Antenna:** Permanently attached

**Modulation:** NFKS, ±33 KHz Deviation,

**Audio:** Encrypted & Code Keyed to Receiver

**Microphone:** Dynamic, EV N/D 157

**DC Power:** 2 AA Size Alkaline Batteries

**Battery Life:** Up to 7 Hours High Position, 9 Hours Low

**Battery Indicator:** 4 segment indicator, Test Switch

**Approvals:** FCC, Part 74H Industry Canada, RSS123

**Dimensions:** 1.35 nominal diameter 10" long

**Weight:** 8 oz.

**Part Number:** 7126000X

Patent Pending

PIC is a registered trademark of Microchip Technology Incorporated in the USA and other countries.

**Telex®**

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