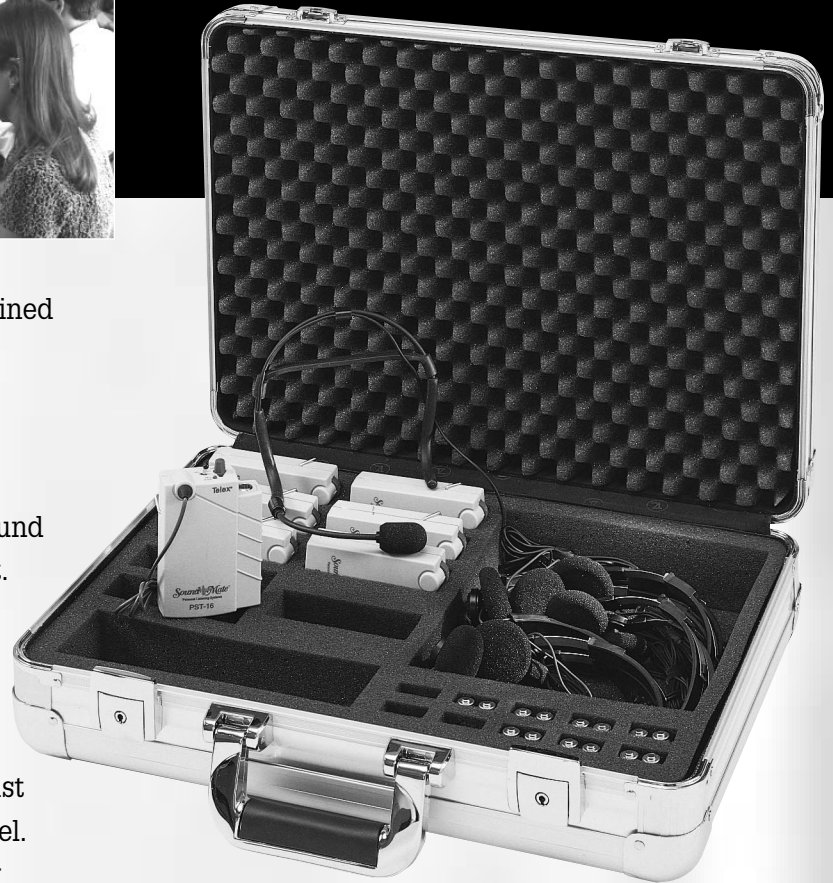


*Sound Mate™*

P O R T A B L E  
**Personal Listening System**



**SOUNDMATE™ PORTABLE** is a self contained personal listening system that can be used in a variety of applications. **SoundMate™ Portable** brings the voice of a tour guide, teacher, or presenter directly to the ears of the listener helping to overcome hearing difficulty, background noise, distance, and poor listening environment. The presenter wears a small, belt-pack transmitter and a headset microphone for hands free, comfortable operation. Listeners use a small, belt-pack / hand-held receiver and an earphone or headset. Listeners can adjust their own volume to a comfortable listening level. There are even special accessories available for those with the need to interface with hearing aids.

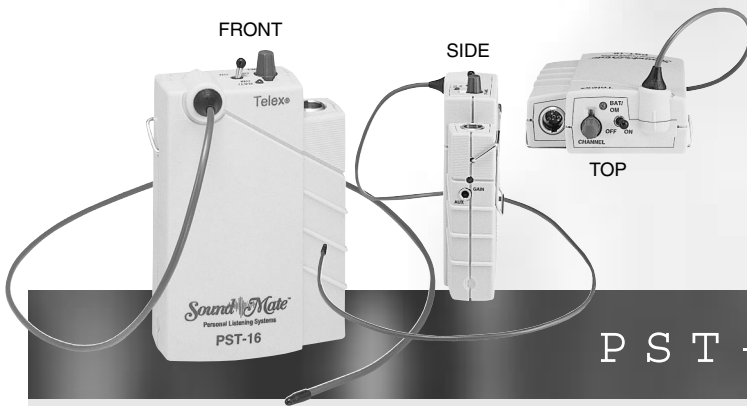


A P P L I C A T I O N S

- Educational Activities
- Instructional Seminars
- One on One Training
- Outdoor Training
- Guided Tours:
  - Factories
  - Museums
  - Plant Tours

S M P - 1 I N C L U D E S :

- 1 PST-16 portable belt pack transmitter
- 6 SR-50, single channel receivers
- 6 HED-2, collapsible headphones
- 14 AA Alkaline batteries
- 1 Deluxe system carrying case
- 1 SCHS-745 head worn microphone
- 1 User manual for SR-50 and PST-16



## P S T - 1 6 16 Channel

AUDIO INPUT CHARACTERISTICS Mic TA4M connector, 7.75 mV RMS input for +/-25kHz deviation

Impedance 10k Ohms nominal

AUXILIARY INPUT  
Ohms nominal

Female 1/8in. 100mV Unbalanced, Impedance 10k

ANTENNA

Permanently attached trailing wire

MODULATION: FM

+/- 25 KHz deviation

FREQUENCY RESPONSE

100 Hz to 10,000 Hz

AUTOMATIC GAIN CONTROL RANGE 30 dB

SYSTEM SIGNAL TO NOISE

58 dB

PRE-EMPHASIS

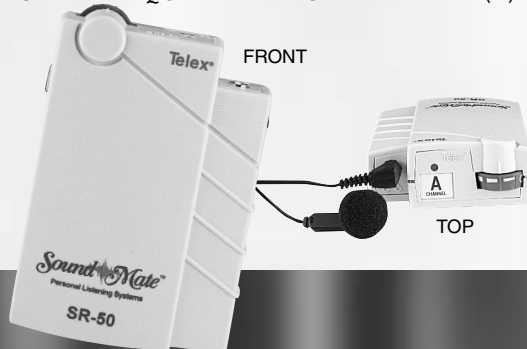
100  $\mu$  seconds

MAXIMUM POWER

80K  $\mu$ V/m @ 3m

POWER REQUIREMENTS

(2) AA Batteries, 8 hours Alkaline, 4 hours NiCad



## S R - 5 0 Single Channel

SENSITIVITY 0.5 uV typical, 1.0 uV max, 12 dB SINAD

AUDIO FREQUENCY RESPONSE 100 Hz - 10000 Hz

SIGNAL-TO-NOISE @ 1mV INPUT >60 dB

DISTORTION <2% T.H.D.

AUDIO OUTPUT

into 8 Ohms: 2.0V/15mW 3.0V/80mW  
Into 32 Ohms: 2.0V/10mW 3.0V/50mW

CONTROLS

Volume/On/Off Switch

EXTERNAL JACK

3.5mm Audio Output/Charger

DIMENSIONS

H 4" (101mm) x W 2-3/4" (70mm) x D 1" (25mm)

POWER REQUIREMENTS

(2) AA Batteries, 30 hours Alkaline, 10 hours NiCad

In accordance with Federal Communications Commission (FCC) rules and regulations, Telex SoundMate personal listening systems are intended only for use in providing auditory assistance to the handicapped and are not intended for use by the general public.

# TELEX®

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