

The ST-200 Base Transmitter features 16 user selectable frequencies controlled by a front mounted selector knob, a headphone jack with adjustable level for input signal monitoring, and a peak reading LED display for visual input monitoring. On the back of the unit is a balanced XLR-3F with selectable mic, line, and 70 volt input options, as well as an unbalanced 1/4" input. An input attenuator and hi/low RF power switch are additional back panel features.

ST 200



FRONT

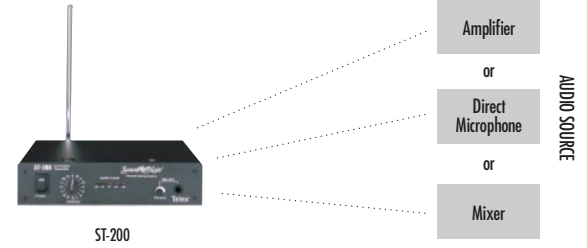
BACK

SoundMate™

Telex SoundMate™ personal listening systems help overcome background noise and poor building acoustics that can make listening difficult for the hearing impaired listener.

A Telex base station, portable belt pack transmitter, your choice of receivers, and a wide assortment of accessories allow you to meet the needs of individuals who require hearing assistance.

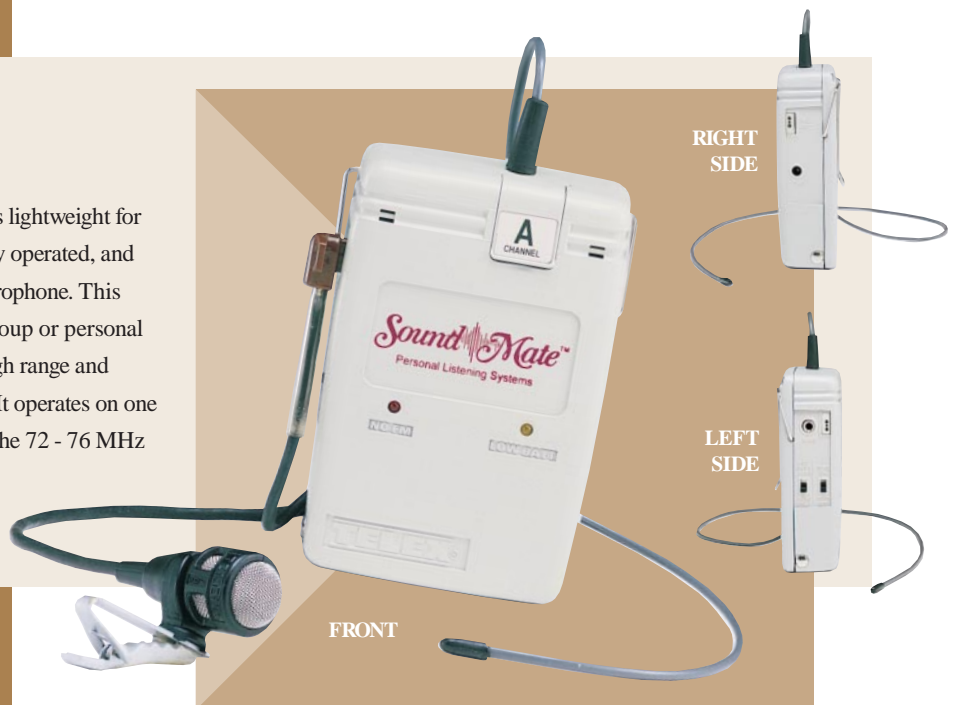
These listening systems are even compatible with a variety of hearing instrument styles for hearing aid users. Let Telex, the acknowledged leader in personal assistive listening products, help you select the system that's right for any listening environment.



System versatility – A sound system amplifier, mixer or wired microphone can plug directly into the ST-200 base station transmitter. The ST-200 then sends the audio signal to an unlimited number of personal receivers.

TW 6

The TW-6 Belt Pack Transmitter is lightweight for convenient portable use. It's battery operated, and includes a small electret lapel microphone. This transmitter is perfect for small group or personal communication, but delivers enough range and power to cover large auditoriums. It operates on one of 16 narrow-band frequencies in the 72 - 76 MHz band.



FRONT

RIGHT SIDE

LEFT SIDE



The SR-100 16 Channel Receiver is the perfect solution to multiple transmitter hearing assistance systems. The SR-100 features an advanced digital PLL synthesizer to tune all 16 narrow-band frequencies offered in the 72-76 MHz band. The receiver also includes a special high frequency contour filter and boost switch to increase the intelligibility of the audio signal. Additional features include a battery saving automatic power shutoff when the earphone is unplugged.

SR 100

The SR-50 provides clear reception and the simplicity of a fixed channel. This economical receiver operates on one of 16 fixed narrow-band frequencies in the 72-76 MHz band. Ergonomic raised volume control knob make level adjustments easily accessible by feel. Recessed headphone jack provides extra protection for earphone connections. Two AA batteries give up to 30 hours continuous battery life.



SR 50



SM-1 SYSTEM

Includes one ST-200 base transmitter, 4) SR-50 receivers, 4) SEB-1 earbuds, and a SoundMate wall plaque (SM-C case sold separately)

BATTERY CHARGER

Two models to choose from. Model BC-100 charges two SR-100/SR-50 receivers, and Model BC-100/6 charges one portable TW-6 transmitter and one SR-100/SR-50



R E C E I V E R S

ACCESSORIES

- A** NL-4S Neckloop Assembly
(for use with hearing aids equipped with telecoils)
- B** HED-2 Collapsible Lightweight Headphone
- C** HED-3 Full Cushion Noise Reduction Headphones
- D** AFC-1 Under Chin Eartube
(for use with CMT-98 and Telethin Earphone Driver)
- E** • CMT-98 5' Cord
• EH-S/EH-L Earshell Holder for Telethin Drivers
• RTV-04/RTW-04/RTR-04 Telethin Earphone Driver
- F** DEB-2 Dual Earbud with cord
- G** SEB-1 Single Earbud with cord
- H** CCS-12 Replacement Cushion Covers
(Package of 12, for SEB-1, DEB-2 and HED-1 earbuds)
- I** HED-1 Ultra Lightweight Headphone
- J** NCM-1 Noise Canceling Headworn Mic with headband
- K** NCM-2 Noise Canceling Headworn Mic with earhook
- L** TLM-D Unidirectional Lapel Mic
- M** HGA-1 1/2 Wave Dipole Gain Antenna



NOT SHOWN:
RM-S Single Rack Kit
RM-D Double Rack Kit

SPECIFICATIONS:

There are 16 standard frequency options for the following products: 72.1, 72.2, 72.3, 72.4, 72.5, 72.7, 72.8, 72.9, 74.7, 75.3, 75.4, 75.5, 75.6, 75.7, 75.8, 75.9 MHz

ST-200 Transmitter (Catalog No 71218-000)

RF Frequency Range	72 to 76 MHz
Modulation: FM	±25 KHz deviation
Signal-To-Noise Ratio	58 dB (64 dB A weighted)
Maximum Deviation	±25 KHz
Maximum Rated Power	50 mW
Audio Input	Balanced XLR-3F plus unbalanced 1/4"
Antenna	1/4 wave omnidirectional whip
Audio Controls	Audio Input level, monitor jack volume
Power Requirements	15-24 Vdc or 13 Vac; 115 Vac 60 Hz @ 300 mA plug-in wallpack power supply
Dimensions	H 1 3/4" (4.5 cm) x W 7 1/2" (19.2 cm) x D 6 7/8" (17.5 cm)
FCC ID	B5DM508
Visual Indicators	5 segment audio level LED, power ON indicator
RF Power Switch	80K µV/m @ 3 m in hi 25K µV/m @ 3 m in low

TW-6 Transmitter (Catalog Na 19758-XXX*)

Audio Input Characteristics	High Level Auxiliary - 27 mV Mic Level Auxiliary - 3 mV Mic/Ant Jack - Adjustable, 3 to 30 mV
Automatic Gain Control Range	40 dB
System Signal-To-Noise	45 dB
Maximum Deviation	±25 KHz narrow-band
Frequency Control	Crystal, ±.005% tolerance
Maximum Radiated Power	8000 µV/m @ 30 m
Power Requirements	(2) AA batteries, Alkaline or NICAD 40 hours Alkaline, 20 hours NICAD
Dimensions	H 3 3/4" (95 mm) x W 2 3/4" (70 mm) x D 1 1/4" (31 mm)
FCC ID	B5DBNJTW-6

* The last three digits in the transmitter catalog number (XXX) will be determined by the frequency that is selected.

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.

SR-100 16-Channel Receiver (Catalog No 71156-000)

Power Requirements	(2) AA batteries, Alkaline or NICAD 30 hours Alkaline, 10 hours NICAD
Audio Frequency Response	<3 dB Variation (100 Hz -10 KHz)
Modulation: FM	±25 KHz deviation
Sensitivity	0.5 µV typical, 1.0 µV maximum, 12 dB SINAD
Image Rejection	>65 dB
Signal-To-Noise Ratio	>65 dB
Distortion	<2% T.H.D.
Audio Output @ 10% distortion	into 8 Ohms: 2.0V / 15 mW 3.0V / 80 mW into 32 Ohms: 2.0V / 10 mW 3.0V / 50 mW
Antenna Type	1/4 wave omnidirectional, in earphone cord
Audio Controls	Volume, On/Off, High frequency boost control
Earphone Connector Type	3.5 mini stereo or mono
Dimensions	H 4" (101 mm) x W 2 3/4" (70 mm) x D 1" (25 mm)
Visual Indicators	Backlit On/Tuning indicator
External Jack	Audio Output/Charger
FCC ID	B5DE405

SR-50 Receiver (Catalog Na 71155-XXX*)

Power Requirements	(2) AA batteries, Alkaline or NICAD 30 hours Alkaline, 10 hours NICAD
Sensitivity	0.5 µV typical, 1.0 µV maximum, 12 dB SINAD
Audio Frequency Response	<3 dB Variation (100 Hz -10 KHz)
Signal-To-Noise @ 1 mV Input	>60 dB
Distortion	<2% T.H.D.
Audio Output @ 10% distortion	into 8 Ohms: 2.0V / 15 mW 3.0V / 80 mW into 32 Ohms: 2.0V / 10 mW 3.0V / 50 mW
Controls	Volume/On/Off Switch
External Jack	Audio Output/Charger
Dimensions	H 4" (101 mm) x W 2 3/4" (70 mm) x D 1" (25 mm)
FCC ID	B5DE401

Telex®

TELEX COMMUNICATIONS, INC. • 9600 Aldrich Avenue South, Minneapolis, MN 55420 • Tel: 612-887-5550, Fax: 612-884-0043 • E-mail: pro.sound@telex.com • Web page: www.telex.com

International Offices:

Canada – Tel: 416-431-4975, Fax: 416-431-4588 • Latin America – Tel: 612-887-7491, Fax: 612-884-0043 • Pacific & Middle East – Tel: 612-887-7482, Fax: 612-884-0043

Eastern Europe – Tel: 420 2 226 40323, Fax: 420 2 226 40357 • Northern Europe – Tel: 49 6172 483 160, Fax: 49 6172 483 161

Southern Europe & Franco Africa – Tel: 433 1 6446 7683, Fax: 33 1 6446 7585 • UK & Anglo, Africa – Tel: 44-1-908-690-880, Fax: 44-1-908-694-020

Singapore & Asia – Tel: 65-746-8760, Fax: 65-746-1206



Sound Mate™
PERSONAL
LISTENING
SYSTEMS



Telex®