Telex

Operating Instructions

Sound Mate™

Personal Listening Systems

SR-100
16 Channel
Synthesized Receiver

TELEX®

SR-100 16 Channel Synthesized Receiver

SPECIFICATIONS

Temperature Range . . . . . 0 to +50 degrees C
Supply Voltage . . . . . 2-3 Volts, (2) AA Batteries
Battery Life . . . . . 16-20 Hrs - Alkaline
8-10 Hrs - Nickel-cadmium
Frequency Response 100-10 kHz . . . . . Less than 3 dB Variation
Sensitivity (12 dB SINAD @ 74 MHz) . . . . . 1μV max.
Distortion. . . . . less than 2%
Audio Output @10% Distortion

Battery Input Voltage		
	8 ohm	32 ohm
2.0 V	15 mW	10 mW
3.0 V	80 mW	50 mW

Controls and Connections . . . . . Volume OFF/ON Switch;
Treble Control Switch; Channel Selection Switch
Audio Output Jack

CHANNEL ASSIGNMENT

Channel #	Freq. (MHz)	Channel #	Freq. (MHz)
A	72.1	O	74.7
B	72.2	P	75.3
C	72.3	Q	75.4
D	72.4	J	75.5
E	72.5	K	75.6
G	72.7	L	75.7
H	72.8	M	75.8
I	72.9	N	75.9

OPERATING FEATURES

Volume OFF/ON Control

This thumbwheel control serves as both an off/on switch and as a volume control. The Receiver is turned off when the control is in the extreme counterclockwise position, when viewed from the rear, and the volume is loudest when the control is in the extreme clockwise position as indicated on the volume control.

> **NOTE:** The Headphone Jack must have a headphone, or other accessory, plugged in to turn on the SR-100. Power "ON" is indicated by the lighting of the channel numbers.

Channel Selection Dial

The Channel Dial may be rotated in either clockwise or counterclockwise directions to attain reception of the desired channel(s).

Headphone Jack

The headphone jack accepts a 0.140-inch (3.5 mm) diameter miniature mono or stereo phone plug. A variety of accessory units can be plugged into this jack for reception of the desired channel(s) being transmitted.

Treble Control

A push button treble control is provided to enhance higher frequency audio. When the button is engaged, (indicated by), the treble is emphasized.

Belt Clip

The belt clip supplied is detachable by spreading the wire apart at the tops and removing one side of the clip from the case and then the other.

OPERATION

General

The Telex SR-100 Receiver is synthesized receiver which operates on 16 channels in the 72 to 76 MHz Band. The SR-100 is designed to be used with the Telex AAT-2, TW-6, PST-16, and ST-200 transmitters.

To operate the SR-100 Receiver:

1. Select a suitable location for the transmitter, and try to keep a clear, unobstructed path between the transmitter and receiver antennas for a clear transmission.

2. Plug a receiver accessory cord from a unit such as an earphone, headphone button receiver, induction coil neckloop, or audio-input hearing aid into the receiver jack (the cord acts as a receiving antenna).

3. Rotate the VOLUME OFF/ON Control slowly in the clockwise direction while monitoring the volume level and select the correct receive channel.

4. Adjust volume for desired comfort. (Engage treble control to enhance "Highs" if desired.)

5. When satisfied with the channel selection and volume level, place the Receiver in a pocket or clip it to your belt for convenience.

6. Always return the VOLUME OFF/ON control to the OFF position when the Receiver is not in use to preserve battery life.

BATTERY REPLACEMENT

The SR-100 Receiver uses two AA alkaline batteries. Replace weak batteries with two fresh AA alkaline batteries, and position them in the battery compartment as illustrated. 16-20 Hours of operations can be expected from alkaline batteries and 8-10 hours on nickel-cadmium batteries.

NOTE: If the unit is to be stored for any length of time be sure to remove the batteries from the unit.

FCC INFORMATION

The Telex Model SR-100 Receiver is Authorized under Part 15 of the Federal Communications Commission. Licensing of Telex equipment is the user's responsibility and licensability depends upon the user's classification, user's application, and frequency selected.

CAUTION: Changes or modifications made by the user could void the user's authority to operate the equipment.

OPTIONAL ACCESSORIES

Description	Catalog No.
Earphone (single)	59840-005
Earphone (dual)	59840-007
Lightweight Headphone	59840-003
Full Cushion Headphone	63510-021
Button Receiver and 30 inch Cord	64115-001
NL-4 Induction Coil Neckloop	71120-001

WARRANTY INFORMATION

FILL OUT AND RETAIN THIS PORTION FOR YOUR RECORDS

Model(s)_____ Serial No(s).:_____

Date of Purchase _____

Purchased From _____

Address _____

City _____ State_____ Zip _____

LIMITED WARRANTY (VALID UNITED STATES AND CANADA ONLY)

TELEX Communications, Inc. ("Telex")warrants to the user, who originally purchased the serialized product delivered with this card, that the product will be free from defects in material and workmanship for the following periods after such date of purchase. Material 36 months, workmanship 36 months. Microphones, earphones, neckloops, cables & connectors are warranted for ninety days. Telex will, at its option, repair or replace free of charge such defective products subject to the following conditions:

1. Delivery of the product or parts postage prepaid to the Telex dealer, authorized service facility or factory.
2. Determination by Telex that a defect exists and is covered by limited warranty. Defects due to alteration, repair by unauthorized persons, insertion of non-Telex parts, misuse, accidental damage, use of the equipment for purposes other than those for which it was designed, and the like, are not covered by this limited warranty and repairs thereof will be subject to normal service charges.
3. Repairs and replacement parts are covered under this limited warranty only for the unexpired term of the original limited warranty.
4. Products purchased from unauthorized dealers are not warranted.
5. You must fill out and return the product warranty card to register the purchase date of serialized items. A copy of the bill of sale showing the date of purchase must accompany all warranty work.

THIS LIMITED WARRANTY IS EXPRESSLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH EXTENDS BEYOND THE TERM HEREOF. THE REMEDIES PROVIDED BY THIS LIMITED WARRANTY ARE THE ONLY REMEDIES AVAILABLE TO ANY PERSON. NO PERSON HAS ANY AUTHORITY TO BIND TELEX TO ANY REPRESENTATION OR WARRANTY OTHER THAN THOSE PROVIDED BY THIS LIMITED WARRANTY. TELEX SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY FAILURE OR OTHERWISE OF THE PRODUCT.

Some states do not allow exclusions or limitations of incidental or consequential damages or limitations on how long an implied warranty lasts, so the limitations or exclusions herein may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Detach Warranty Registration and mail to:

Telex Communications, Inc.
12000 Portland Ave. South,
Burnsville, MN 55337

WARRANTY REGISTRATION
SOUND ENHANCEMENT SYSTEMS
Limited Warranty (Previous Page)

Owner's Name_____

Address_____

City_____ State_____ Zip_____

Purchased From_____

Address_____

City_____ State_____ Zip_____

Date of Purchase_____

Model No(s).:_____ Serial No(s).:_____

TELEX®

TELEX COMMUNICATIONS, INC. 12000 Portland Ave. South, Burnsville, MN 55337

PN 802718-2 June 2000 Made in U.S.A.