

# SOUNDSCRIBER

## *Monitor*

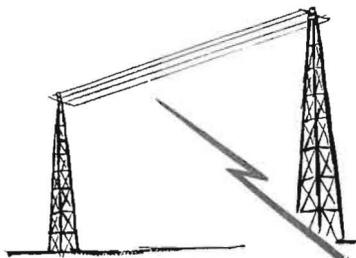
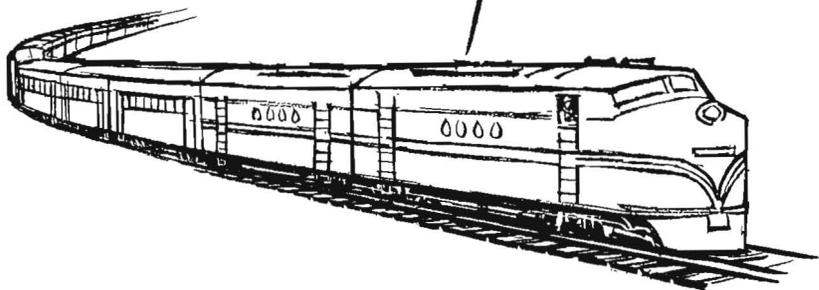
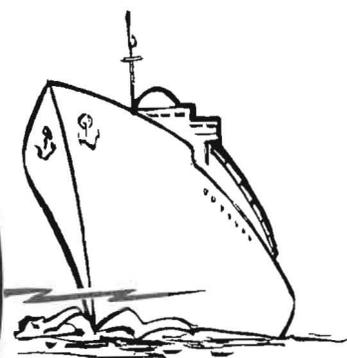
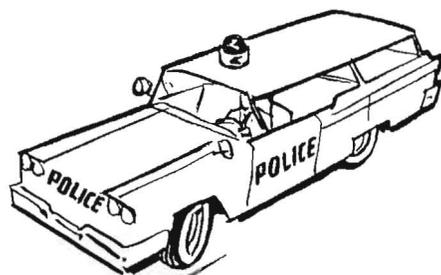
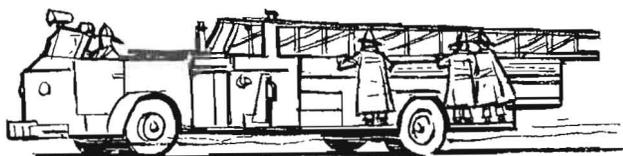
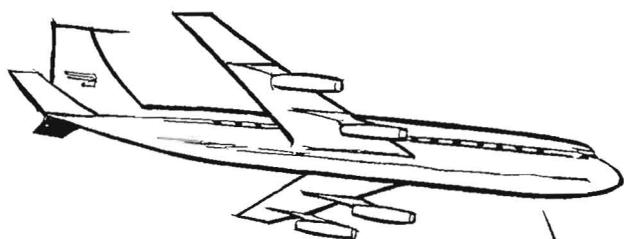
**NEW 24 hour  
continuous tape  
recorder-reproducer  
keeps permanent  
timed record of  
all communications**



SOUNDCRIBER

*Monitor*

provides permanent



# record of communications . . . *whatever the need!*

## **POLICE AND FIRE DEPARTMENTS**

Communications Engineers are recommending the installation of SoundScriber's "Monitor" to support the written log. Alarm calls, radio and telephone dispatches thus become a matter of accurate record. All-purpose "Monitor" helps discipline the use of broadcast time, provides documentation for personnel protection, aids in operator training and procedure analysis.

## **MILITARY COMMUNICATIONS**

"Monitor" assures reliable documentation of Radar Approach Control (RAPCON) transmissions; ground to air, ship to shore and ship to plane radio messages. Ideal for monitoring telephone hook-ups, SoundScriber's versatility and adaptability suits it for a wide range of military applications.

## **AIRWAYS COMMUNICATIONS**

Aircraft manufacturers as well as commercial airlines use SoundScriber to document in flight verbal instructions and pilot observations during test-flights. Time-scaled tapes provide accurate record for playback when needed.

## **RAILROADS**

A road's Centralized Traffic Control (CTC) center with a SoundScriber "Monitor" installation tapes an entire day's dispatches virtually unattended and without reloading. Recordings are further used in the training of dispatchers and are vitally important in analysing procedures . . . the entire communications' system is thus made more efficient.

## **PUBLIC UTILITIES**

"Monitor's" proven superiority in power-load dispatching is recognized by leading power companies and exchanges. Dispatches by radio, telephone or carrier line are taped and used in dispatcher's training. They serve as the basis for important report writing and as a review of disaster communications.

## **PRIVATE INDUSTRY**

"Monitor" takes extended conferences easily in stride . . . ideal for recording long stockholder's meetings, sales conferences, labor-management negotiations. Tied into telephone boards, it affirms orders, eliminates embarrassing errors, serves as recorded proof where time and accuracy are questioned.

## **RADIO AND TELEVISION**

Radio and television stations from coast to coast are using tape recording equipment to log information required in preparing FCC reports. SoundScriber's "Monitor" has proven itself invaluable in recording advertiser commercials and for keeping track of public service announcement time.

## **MISCELLANEOUS**

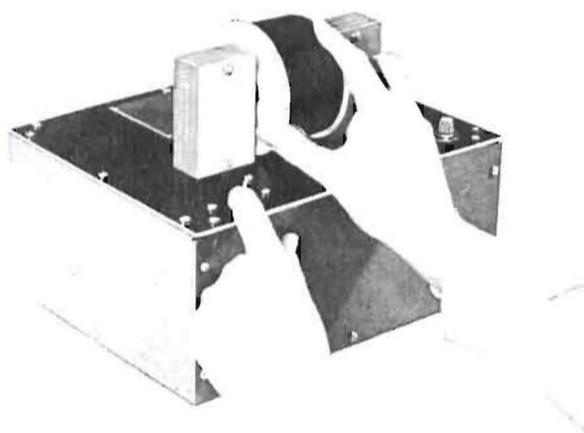
Whatever your recording need, let a SoundScriber trained Creative Communications Consultant demonstrate how the "Monitor" can be adapted to suit your specific situation.

"MONITOR," MODEL S-124,

*Your practical, lo*

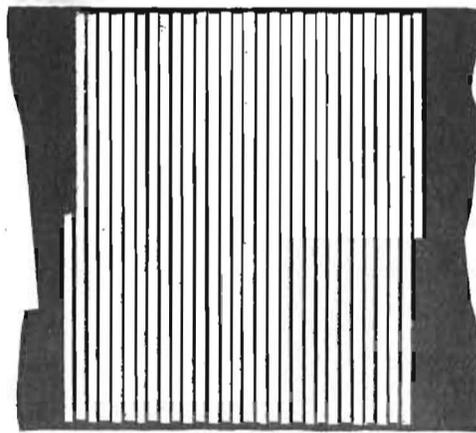


## MORE MONITOR ADVANTAGES



### TAPE DEMAGNETIZER:

Easy-to-use magnetic eraser quickly renders tape reusable... reduces tape costs many times. In just 15 seconds a reel can be cleared of all recording and ready to go to work for you again. SoundScriber recording tapes can be used many times over.



### RECORDING TAPE:

SoundScriber has selected DuPont's 1.5 Mil Mylar tape as the ideal recording medium... it's extra durable, virtually indestructible. Transverse recording pattern utilizes approximately 70% of tape surface for recording tracks.



### TAPE REELS:

SoundScriber-pioneered pattern compacts 24 hours of tape reels measuring 2 1/2 inches diameter... helps solve time and eliminates frequent tape changes. Imprinted time-scale (in minutes) point place-finding, time

# MAGNETIC TAPE RECORDER-REPRODUCER

**Low cost solution to long-time recording needs.**

## 24 HOURS OF UNATTENDED RECORDING:

A "Monitor" exclusive . . . 24 hours of reliable, nonstop recording. Simply snap it on, and SoundScriber does the rest . . . eliminates frequent and distracting tape changes . . . gives 24 hours of uninterrupted recording.

## "SNAIL-PAGE" TAPE SPEED:

Tape travels only 2½ inches per minute permitting 24 hours of recording on a single 300 foot reel.

## TROUBLE FREE OPERATION:

Slow operating speed imposes less wear on moving parts thus holding maintenance expense to a minimum. "Monitor" is completely gear-driven . . . operating efficiency is enhanced through elimination of short-lived belts.

## "SWISS-WATCH" TIMING:

Easily readable calibrations in minutes are printed right on the recording tape. No difficulty spotting the exact time a message was recorded . . . precision engineering provides accuracy of 1/10% or better.

## HIGH QUALITY VOICE RECORDING:

Frequency response of between 200 and 3500 cps assures quality recording within the voice range.

## 15 SECOND TAPE ERASING:

Special tape demagnetizer bulk-erases recorded tape reels quickly, easily. *It is not possible to accidentally erase tape while on the "Monitor" unit.*

## EASY OPERATION:

A minimum of easily-accessible controls simplify operation. "Record-Off-Playback" are controlled by a single lever.

## TAMPER-PROOF TAPE:

Because of SoundScriber's special transverse recording pattern, it is practically impossible to alter or tamper with recordings.

## FAST MANUAL REWIND:

Tapes are easily scanned for location of certain recorded segments . . . entire tape can be rewound from end to beginning in less than two minutes.

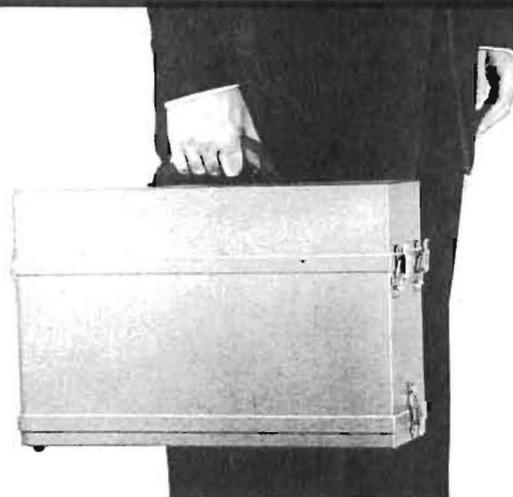
## VOICE-ACTUATED RELAY:

Optional relay with "Manual-Automatic" switch can be in-built . . . provides a trustworthy means of conserving tape. The spoken word starts the recording process which terminates with the termination of the recordable sound.



## RACK MOUNTING BRACKETS:

For fixed installations, "Monitor" can be mounted in standard 19 inch communication racks. Its compact design permits installation of one unit per every 6½ inches of rack height.



## STURDY CARRYING CASE:

Standard equipment for each "Monitor" is a sturdy, lightweight metal carrying case . . . the versatile "Monitor" thus becomes a mobile unit and facilitates on-the-spot set up for varied recording applications.

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of recording onto  
3¾ inches in di-  
storage problem  
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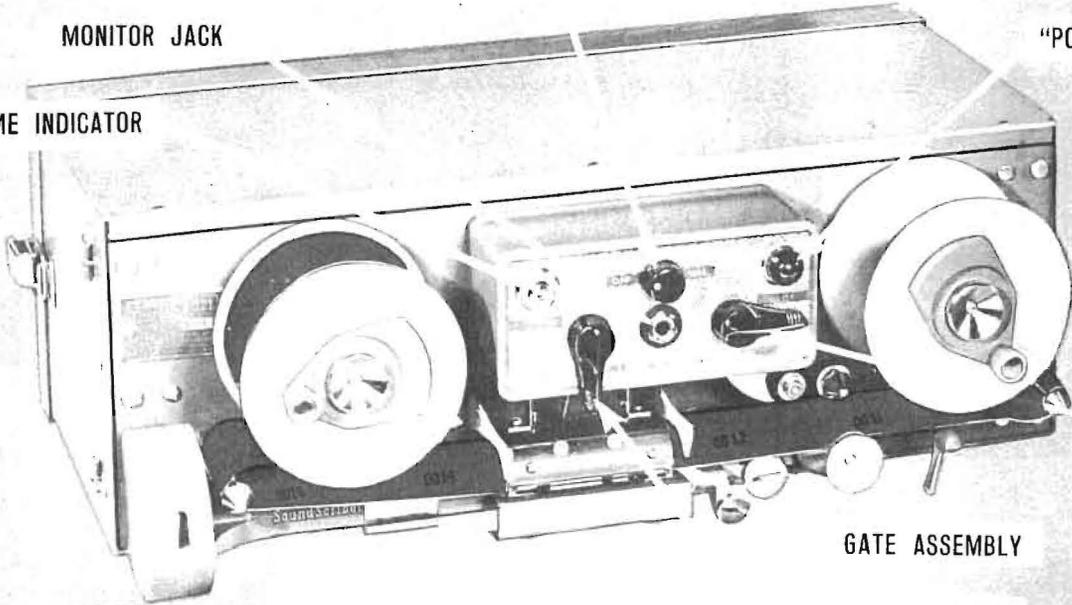
# MONITOR'S OPERATIONAL FEATURES

"ON-OFF" SWITCH, "RECORD-PLAYBACK" VOLUME CONTROL

MONITOR JACK

"POWER ON" INDICATOR

RECORDING VOLUME INDICATOR



TAPE LOAD LEVER

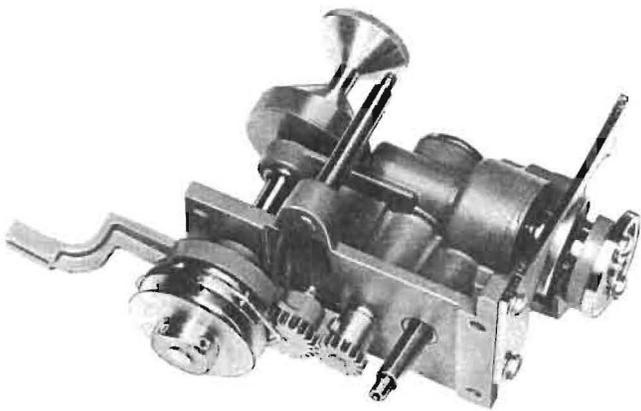
GATE ASSEMBLY

"RECORD-PLAYBACK" SELECTOR LEVER

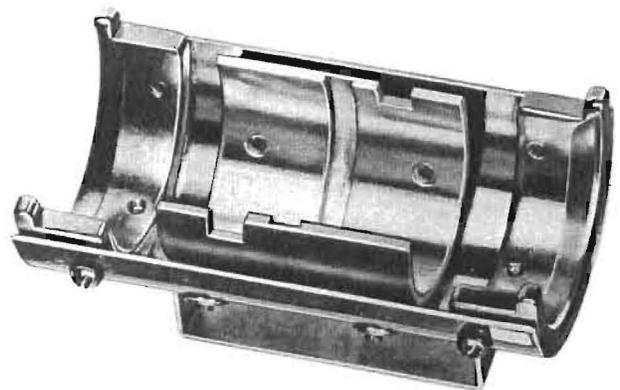


1. HEAD WHEEL ASSEMBLY

1. Heart of the unique SoundScriber long-time recording principle is the revolving head wheel into which two precision-matched recording heads are mounted. This head wheel is driven by a constant-speed motor through flexible couplings to minimize "flutter" and "wow".
2. "Monitor's" single box-gear arrangement is rugged and precisioned to meet the most exacting standards. The gears which transport the recording tape and rotate the head wheel are driven by a single, oversized motor.
3. It is essential to constantly have proper contact between recording tape and recording head. SoundScriber's patented gate assembly accomplishes this by utilizing floating, spring-loaded pressure shoes.



2. GEAR BOX ASSEMBLY



3. PATENTED GATE ASSEMBLY

## SPECIFICATIONS

Dimensions . . . . .	Height 6¼"; Width, 18⅞"; Depth, 11⅞"
Weight . . . . .	26½ lbs.
Wattage Consumption . . . . .	60 watts
Operating Voltage . . . . .	115 Volts, 60 Cycle A.C. (50 Cycle AC Available)
Inputs . . . . .	Telephone—balanced input Line—12,000 ohm balanced input Microphone—50 ohm mike input which automatically disconnects line and telephone inputs
Minimum Input Levels For Fully Modulated Recording . . . . .	Telephone—.002 Volts 12,000 ohm Line—.002 Volts 50 ohm Mike—20 Micro. Volts
Outputs . . . . .	Speaker-Playback output jack for external 3 to 16 ohm speaker (2 watts maximum audio power) Headset—Monitor jack for 500 ohm headset
Recording Medium . . . . .	Magnetic tape, 1.5 mil Mylar base, 2" wide, 3¾" diameter reels—Time Printed
Linear tape speed . . . . .	2½" per minute
AVC . . . . .	On-Off switch for automatic volume control
Playback . . . . .	Through inbuilt speaker or accessory headphones
Monitoring . . . . .	Input signal may be heard through headphones plugged into Monitor jack.
Frequency Response . . . . .	Flat ±4 Decibels from 200 to 3,500 cycles
Signal to Noise Ratio . . . . .	31 Decibels

Operating Instructions and empty reel included with each recorder. Complete Service Manual and illustrated parts list available upon request at nominal cost.

## AMONG OUR "MONITOR" USERS

### POLICE DEPTS.

Cleveland, Ohio  
State of Illinois

### FIRE DEPTS.

Tulsa, Oklahoma  
New Haven, Connecticut

### RADIO & TV

WOR, New York  
WMGM, New York

### UNIVERSITY & SCHOOLS

Indiana University  
University of Rochester, New York

### AIRLINES

Trans-World Airlines

### POWER COMPANIES

British Columbia Electric  
Pennsylvania Power & Light

### INDUSTRY

Western Electric  
Radio Corporation of America  
General Electric  
Northwestern Bell Telephone Co.

### AIRCRAFT MANUFACTURERS

Hughes Aircraft Company  
Boeing Airplane Company  
Douglas Aircraft Company, Incorporated  
Northrop Aircraft  
Gilfillan Brothers, Incorporated

### U. S. AIR FORCE

### U. S. NAVY

### U. S. MARINES

### U. S. COAST GUARD

### HOSPITALS

National Institute of Health  
Veterans Administration Hospital, Oklahoma

### RAILROADS

Great Northern Railroad  
MKT Railroad

### GENERAL GOVERNMENT

Department of Tax and Finance, New York  
National Air Facilities, New Jersey

**SOUNDSCRIBER**

*Monitor*

**Model S-124**

NAVY RD 217/UNH

**THE SOUNDSCRIBER CORPORATION**

6 Middletown Avenue • North Haven, Connecticut

803402

Litho in U.S.A.