

RESOLUTION NO. 570

A RESOLUTION AUTHORIZING THE PURCHASE OF RECORDING EQUIPMENT PURSUANT TO ORS 279.017 (2)(a)(c).

WHEREAS, the Administration, Public Works and Planning Departments are in need of replacing the current recording equipment used for recording and transcribing minutes of formal meetings and to have compatible equipment for staff to use; and

WHEREAS, staff contacted several companies for conference recording equipment with certain specifications. The specifications for a recorder are:

1. 4 Channel recording with voice separation.
2. Auto back space.
3. Speed control.
4. Search capabilities.
5. Live monitor.
6. Inability to record over recorded tapes.
7. Inability to erase tape.
8. Ability to record up to three hours.

The specification for a transcriber are:

1. 4 Channel selector - voice separation.
2. Variable speed control.
3. Variable speech compression
4. Auto back space - up to ten words.
5. Inability to erase tape.
6. Three speed transcribing capabilities - 1.2 cm., 2.4 cm. and 1 7/8" per second; and

WHEREAS, staff has requested and been granted demonstrations of three different types of recording equipment, involving Sony, Lanier and Dictaphone; and

WHEREAS, it was found upon demonstration, the Dictaphone equipment was dictation equipment rather than a conference recorder, and did not meet the required needs of the city. Sony and Lanier do provide conference recording, however, the Lanier transcriber does not have play back on four channels, thus losing the effectiveness of voice separation; and

WHEREAS, it has been determined by staff the Sony recorder and transcriber best meet the requirements of staff. Also, based on staff contact with the Sony Corporation, Firstline Business Systems, Inc., is the only Sony division in the Portland area authorized to sell business equipment.

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE WILSONVILLE CITY COUNCIL that:

1. The Sony recorder and transcriber best meet the requirements of staff by providing the following:

RECORDER

- (a) 4 Channel recording with voice separation.
- (b) Auto back space.
- (c) Speed control.
- (d) Search capabilities.
- (e) Automatic adjustment to voices.
- (f) Live monitor.
- (g) Inability to record over recorder tapes.
- (h) Inability to erase tapes.
- (i) Service agreement to cover all parts and labor plus provide loaner equipment when needed.

TRANSCRIBER

- (a) 4 Channel selector - voice separation.
- (b) Variable speed control.
- (c) Variable speech comparison.
- (d) Auto back space.
- (e) Inability to erase tapes.
- (f) Three speed transcribing capabilities -

1.2 cm., 2.4 cm. and 1 7/8" per second.

(g) Service agreement to cover all parts and labor plus provide loaner equipment when needed.

2. Firstline Business Systems, Inc., is the only Sony Dealer in the Portland area authorized to sell business equipment.
3. A purchase exemption applies pursuant to ORS 279.017 (2), (a), (c).
4. Authorize an expenditure of \$1,650.30 each from the Planning and Public Works Departments and \$1,832.60 from the Administration Department. Funds are available in Account #7100500 in each of these funds according to the Finance Director.

Ray Shorten 7-17-86
FINANCE DIRECTOR DATE

ADOPTED by the City Council of the City of Wilsonville at a regular meeting thereof this 21st day of July, 1986, and filed with the City Recorder this same date.

A. G. Meyer
A. G. MEYER, Mayor

ATTEST:

Vera A. Rojas

VERA A. ROJAS, City Recorder

RESOLUTION NO. 570

PAGE 4 OF 5

CB-R-233-86

TO: PETE
FROM: VERA, JUDEE AND MARGO
SUBJECT: RECORDING EQUIPMENT
DATE: JULY 7, 1986

We have investigated several companies for recording equipment that meet our specific needs. We have had demonstrations from the Sony Co., the Lanier Co., and the Dictaphone Co. When the man from Dictaphone discovered we wanted conference recording equipment, he admitted his company could not satisfy our needs. The Lanier transcribing equipment could not do the same things as the conference recorder, thus the purpose of the voice separation was lost in the transcribing equipment.

Attached are price lists from various companies for recording equipment, with Sony and Lanier only, offering conference recording equipment with voice separation. Also attached is a comparison of the Sony and Lanier equipment, conducted by the Circuit Court of Baker, Oregon.

Margo has contacted John Farrington of Firstline Business Systems, Inc., the Sony company, and has been told that Firstline Business Systems, Inc., is the only company that sells Sony business equipment in this area. The other Sony companies sell entertainment equipment, i.e., stereos, radios, cassette recorders, etc.

We do hope all this information will be helpful to you. If you have any questions, we would be more than willing to meet with you to discuss this issue.

cc: Judee and Margo

SONY RECORDING AND TRANSCRIBING EQUIPMENT

1	Sony BM-146 Recorder/Transcriber	\$1,593.00
3	Sony BM-147 Transcribers with Headset and Foot Control Unit @ \$935.30 ea.	2,805.90
4	Microphones @ \$70.50 ea.	282.00
1	Microphone Stand	42.30
	Service Contract for Recorder (2 year contract for price of 1 year)	140.00
3	Service Contract for Transcribers (2 year contract for price of 1 year)	270.00
		<hr/>
	TOTAL	\$5,133.20

Sony Conference Recorder

Four channel recording with voice separation.

1/4 and 1/2 recording speed - up to three hours on one 45
minute tape.

Auto back space

Speed control

Search capabilities

Does not record over recorded tape

Adjusts to each voice automatically

Cannot erase tape

Live monitor

Sony Transcriber

Four channel selector - voice separation

Variable speed control

Variable speech compression

Auto back space

Three speed transcribing capabilities - 1.2 cm., 1.4 cm.
and 1 7/8" pre second

The service contracts cover all parts and labor and the initial contract would be good for two years for the price of a one year contract. Would also have the availability of loaners if the equipment has to be taken out of the building.

Each of the three departments, Administration, Planning and Public Works, should share the cost of the Recorder, the microphones and the service contract for the recorder. Each department would pay for one transcriber and one two-year service contract for the transcriber.

FIRSTLINE

BUSINESS SYSTEMS, INC.

REPRESENTING **SONY**
INFORMATION PRODUCTS

TO: Margo Dillinger
P.O. Box 220
Wilsonville, OR 97070

DATE: May 9, 1986

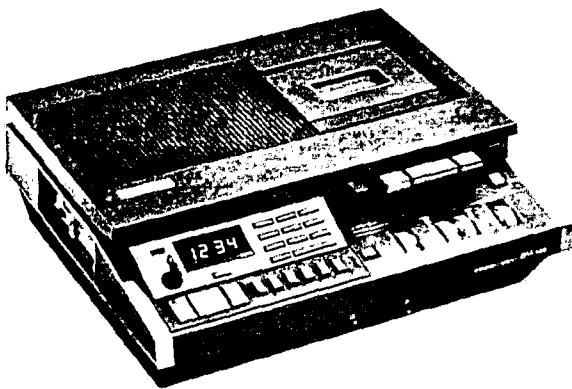
QUANT	MODEL	DESCRIPTION OF EQUIPMENT	UNIT PRICE	TOTAL PRICE
OPTION A				
3	BM-146	Recorder/Transcriber	\$1593.30	\$4,779.90
4		Microphones	70.50	282.00
1		Microphone Stand	42.30	42.30
3		Foot Control Unit	75.20	225.60
3		Headset	18.80	56.40
		TOTAL:		\$5,386.20
OPTION B				
1	BM-146	Recorder/Transcriber	\$1593.30	\$1,593.30
4		Microphone	70.50	282.00
1		Microphone Stand	42.30	42.30
2	BM-147	Transcriber with Headset and Foot Control Unit	935.30	1,870.60
1		Foot Control Unit	75.20	75.20
1		Headset	18.80	18.80
		TOTAL:		\$3,882.20

15 MONTH ASSURED MAINTENANCE PLAN \$ _____

Provides:
Unlimited Calls
Annual Inspection
Free Loaners

Thank You!
Firstline Business Systems, Inc.

John Farrington
John Farrington



12

BM-146 COURT/CONFER-CORDER[®]

- Four channel, four track recording and playback
- Half speed operation at 15/16 ips doubles capacity of C-90 cassettes from the standard 45 minutes to a full 90 minutes
- Quarter speed operation at 15/32 ips quadruples capacity of C-90 cassettes from the standard 45 minutes to 3 hours.
- Four digit LED tape counter
- Search function makes it easy to access recorded material
- Record protect function
- Keyed security lock inhibits unauthorized removal of cassettes
- Automatic gain control selects proper record levels
- Three head design permits monitoring from the tape, immediately after recording.
- Pre-end/end alarms visually and audibly signal when less than 3 minutes of tape remain
- Cannon microphone connectors
- Remote LED tape counter display
- Variable playback speed control and auto backspacing
- Battery backup prevents loss of LED display

OFFICE NO		OFFICE NAME		DELIVERING SALESPERSON'S NAME		STATUS		ORDER NO.	
DATE		TYPE SALE		SHIP FROM OFFICE NO.		PURCHASE ORDER NO.		APP'L CODE	
SHIP TO	NAME <i>City of Wilsonville</i>				NAME				
	ADDRESS <i>City Hall</i>				ADDRESS				
	CITY				STATE		ZIP CODE		
BILL TO	NAME				NAME				
	ADDRESS				ADDRESS				
	CITY				STATE		ZIP CODE		
CONTACT PERSON <i>Vera Rojas</i>		TELEPHONE NO <i>682-1011</i>		L.I.C.		MESSAGE			
DELIVERING SLSPN'S NO.		SELLING SALESPERSON'S NAME/NUMBER		PRE-PAID SERVICE		PREVIOUS ORDER NO.		LEASE INFORMATION	
				ZONE TRAN CODE BEG DATE NO OF MOS		REA CODE		NO OF MOS NO OF PYMTS PAYMENT DATE AMOUNT	

TYPE	PRODUCT I.D. NO.	DESCRIPTION	SERIAL NOS.	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT	SERVICE POLICY	
								PRICE	AMOUNT
	164-1200	Advocate III Recorder		1	EP	2395 ⁰⁰	2395 ⁰⁰	266 ⁰⁰	266 ⁰⁰
	164-1305	Advocate Transcriber		3	EP	799 ⁰⁰	2397 ⁰⁰	2397	233 ⁵⁰
	164-2110	Unidirectional mic		4	EP	99 ⁰⁰	396 ⁰⁰		
	164-2100	Omni-directional mic		3	EP	15 ⁰⁰	45 ⁰⁰		
	193-3237	Stethoscope Handset		1	EP	31 ⁰⁰	31 ⁰⁰		
	927-3300	LX Earset		4	EP	NL	NL		
	961-3101	Foot control		1	EP	NL	NL		
	193-3232	Handset							

City of Wilsonville Discount (10%)

HARDWARE BILLING INFORMATION				SOFTWARE BILLING INFORMATION				SALES SUBTOTAL		SERVICE SUBTOTAL					
<input type="checkbox"/> OPEN ACCOUNT	<input type="checkbox"/> LEASE	<input type="checkbox"/> RENTAL	<input type="checkbox"/> PSA	<input type="checkbox"/> GSA	<input type="checkbox"/> ANNUAL	<input type="checkbox"/> LIFETIME	<input type="checkbox"/> LEASE	<input type="checkbox"/> RENTAL	4827 ⁰⁰	550 ⁰⁰					
SUB TOTAL		STATE TAX		COUNTY TAX		CITY TAX		TRANS CHARGES		TOTAL AMOUNT		LESS PAYMENT		AMOUNT DUE	

This Document constitutes an offer from CUSTOMER to LANIER upon the terms stated herein. CUSTOMER'S offer is irrevocable until the later of thirty (30) days after receipt by LANIER at its Home Office in Atlanta, Georgia (Attn: Order Department) of notice of intent to revoke or ninety (90) days after the date of execution of this offer by CUSTOMER. If CUSTOMER'S offer is rejected before acceptance or is revoked after the minimum time allowed for acceptance and before actual acceptance, CUSTOMER shall immediately return all HARDWARE, SOFTWARE, MEDIA and DOCUMENTATION and shall pay for the use thereof at LANIER'S standard rental rates. CUSTOMER agrees to pay all costs of collection, if necessary, including attorney's fees as allowed by law and actual court costs.

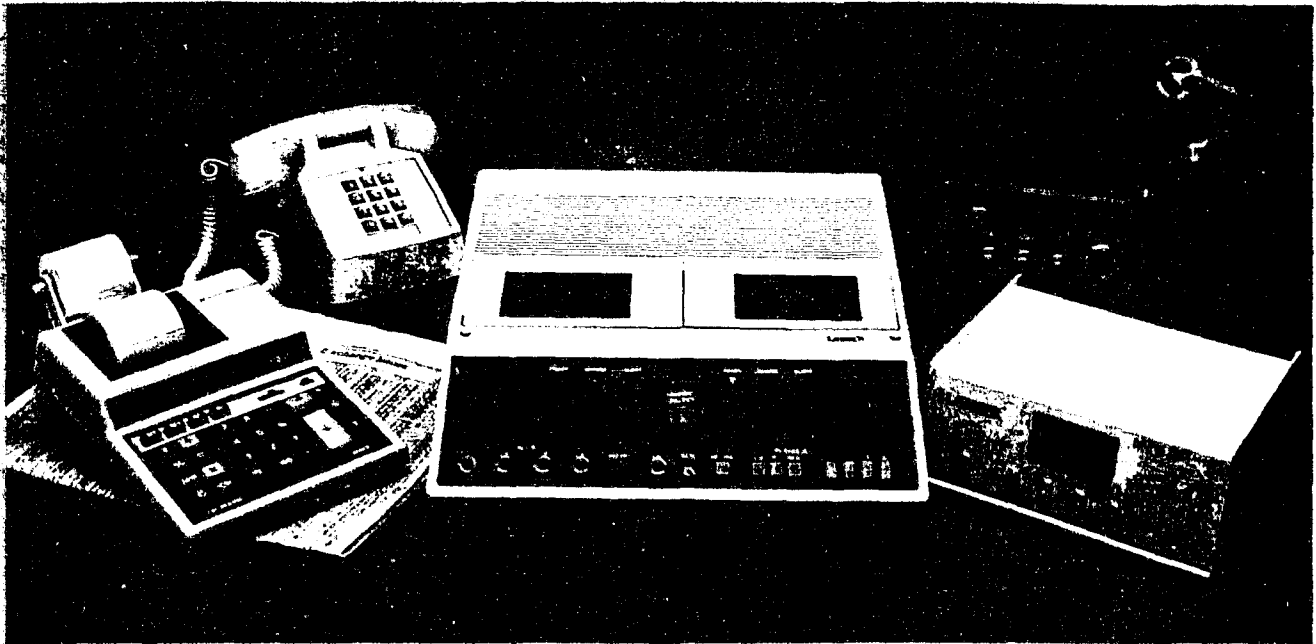
THE TERMS AND CONDITIONS APPEARING ON THE FACE AND THE REVERSE SIDE OF THIS AGREEMENT CORRECTLY SET FORTH THE ENTIRE AGREEMENT BETWEEN THE PARTIES. THE TERMS AND CONDITIONS CONTAINED ON THE REVERSE SIDE OF THIS AGREEMENT INCLUDE LIMITATIONS OF WARRANTY, EXCLUSION OF CONSEQUENTIAL AND OTHER SPECIAL DAMAGES AND OTHER LIMITATIONS OF LIABILITY.

CUSTOMER ACKNOWLEDGES BY ITS SIGNATURE THAT IT HAS READ THIS AGREEMENT, UNDERSTANDS IT AND THAT IT CONSTITUTES THE ENTIRE AGREEMENT, UNDERSTANDINGS AND REPRESENTATIONS, EXPRESS OR IMPLIED, BETWEEN CUSTOMER AND LANIER WITH RESPECT TO HARDWARE, SOFTWARE, MEDIA AND DOCUMENTATION FURNISHED OR TO BE FURNISHED HEREUNDER AND THAT THIS AGREEMENT SUPERSEDES ALL PRIOR COMMUNICATIONS BETWEEN THE PARTIES INCLUDING ALL ORAL OR WRITTEN PROPOSALS.

BY EXECUTING THIS AGREEMENT, I ACKNOWLEDGE THAT I HAVE READ AND UNDERSTAND THIS AGREEMENT AND I CERTIFY THAT I AM AUTHORIZED TO EXECUTE THIS AGREEMENT ON BEHALF OF CUSTOMER.

APPROVED BY _____	RECEIVED BY _____	DATE _____	ACCEPTED BY _____	DATE _____
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Advocate III



Special Features

Recorder

1. **Dual Action Recorder**
Up to 3 continuous hours of recording.
2. **Voice Activated (Optional)**
"Dead space" recording eliminated.
3. **Automatic Changeover**
Ensures complete documentation.
4. **No Erase Head**
Prevents unintentional erasure.
5. **Audio and Visual Alert**
Signals tape status.
6. **Gain Control**
Captures all speech levels.
7. **Voice Mirror LED's**
Ensures faithful recording.
8. **Standard Size Cassettes**
Accessible and inexpensive.
9. **System Status Lamps**
Shows "Ready," "Change," "Alert."
10. **Security Lock**
Tamper-proof.
11. **Simultaneous Record/Playback**
Allows immediate review and continuous recording.
12. **Pre-recorded Tape Sensor**
Prevents recording over previous information.
13. **Automatic Return Control**
Instant return to prior location after review.
14. **4 Channels**
Allows separation of recording

15. **LED Digital Counter**
Illuminated for easy referencing and indexing.
16. **Back-up Power Supply**
Preserves LED display memory in case of power outage.

Transcriber

1. **Individual Channel Selectors**
Isolate any voice.
2. **LED Indexing Display**
Quick and simple referencing.
3. **Foot Control**
Full function: Start/Stop, Rewind, Fast Forward.
4. **Speed Control**
Variable to suit the individual.

Specifications

Recorder

- Construction: High Impact Polystyrene.
- Dimensions: Height 4 $\frac{1}{2}$," Width 13 $\frac{3}{4}$," Depth 13 $\frac{1}{2}$," Weight 17 lbs.
- Color: Light Beige and Charcoal Gray-Chrome Trim.
- Track System: 4-Track Monaural
- Tape Speed: 15/16 IPS.
- Fast Forward and Rewind Speed 45 1
- Signal/Noise Ratio: Greater than 35db
- Crosstalk: Better than 35db.
- Wow and Flutter: Less than .3% WRMS
- Distortion: Less than 3% total harmonic at

- full input level.
- Frequency Response: 150-4 KHZ.
- Power Supply: 117 VAC \pm 10%, 39 WATTS.
- Circuitry: Microprocessor based, digital logic functions, dual motors.
- AGC Range: 30 db.

Transcriber

- Dimensions: Height 3 $\frac{1}{2}$," Width 11 $\frac{1}{2}$," Depth 9 $\frac{1}{4}$," Weight 10 $\frac{1}{2}$ lbs.
- Tape Speed: 15/16 IPS.
- Speed Control: \pm 20%.
- Signal/Noise Ratio: 35 db overall playback.
- Track System: 4-Track Monaural.
- Wow and Flutter: .4% WRMS.
- Distortion: 3%.
- Frequency Response: 200-4000 Hz.
- Power Supply: 105-125 VAC 60 Hz 45W.
- Circuitry: Microprocessor based, digital logic functions, dual motors.

Accessories

- Time Injector.
- Voice Operated Record
- Remote Logging Display
- C-30/60/90 Cassettes
- 3-Way Foot Control.
- Cassette Duplicator.
- Cassette Eraser
- Headsets
- Extra Security Keys
- Carrying Case

LANIER

Alfa Romeo Company

Advocate III is another innovative idea from The Lanier Force. But beyond our commitment to developing new ideas, we're also dedicated to helping you implement them.

We'll show you how the Advocate III can best meet your specific needs and support you after the sale for as long as you need.

Find out more about Advocate III. Contact your local Lanier representative. Or call (600) 241-1706 toll free. In Georgia call (404) 321-1244 collect.



Substantiate Everything

There is no substitute for substantiation if you conduct critical business by telephone or radio. You simply have no way of knowing when you'll need proof of a conversation.

This is why Lanier's Advocate III Logging System is invaluable. It acts as an "insurance policy" by providing a verbatim record of your conversations.

Suppose a caller said 5th and Main, but meant 15th and Main. If you have proper verification, you'll never be questioned. If someone said 50,000 while intending 15,000 you'll never be liable.

Moreover, every call can automatically be logged with its precise time and date by using Advocate III's Time Injector.

Advocate III also backs you up internally. Should something be confused or forgotten, you have perfect reference. For calls delivered quickly or unclearly, you can immediately replay the message while the system continues to record. Then after review, the unit's Automatic Return Control quickly returns to your previous location.

Failsafe Efficiency

Advocate III can be voice activated so that it automatically starts recording the instant a call begins. When the call is completed, the unit pauses and waits for another.

This not only assures you that every call is captured in its entirety, it also maximizes the system's recording capacity and life expectancy.

You are further insured because Advocate III is engineered not to record over existing material. Thus you won't lose records accidentally. And since the system is ultra-sensitive, even faint voices are captured for distinguishable playback.

Designed for Simplicity

Ultimately, Advocate III is useful because it is easy to use.

The system provides 3 actual hours of 2-way recording on standard cassettes. But since the Voice Activated feature eliminates "dead space" recording, you'll actually have many more hours of useful recording time between cassette changes.

With the Automatic Changeover capability, recording begins automatically on the second cassette when the first nears completion.

A light alerts you to the changeover. If the second cassette nears capacity before you've replaced the first, you are alerted audibly.

Plus, the unit is fully portable, requiring little space and minimal set-up time.

Cost Wise

Advocate III sets no records, though, when it comes to cost.

Compared with other methods of recordkeeping, the system is technically superior, more versatile, yet dramatically less expensive.

And since it's from Lanier, you'll have the practical, long-term benefits of a product of unmistakable quality.

The Leader is behind you

Lanier is a world leader in voice technology—and has been for over 50 years. Today The Lanier Force offers a complete line of voice recording equipment backed by over 300 sales and service locations worldwide.

Drawing from these resources, Advocate III is uniquely qualified to meet your needs.

Advocate III

LOGGING SYSTEM

D E F I N I T I V E D O C U M E N T A T I O N

**INVESTMENT CONSIDERATION
FOR
JUDEE EMISON
CITY OF WILSONVILLE**

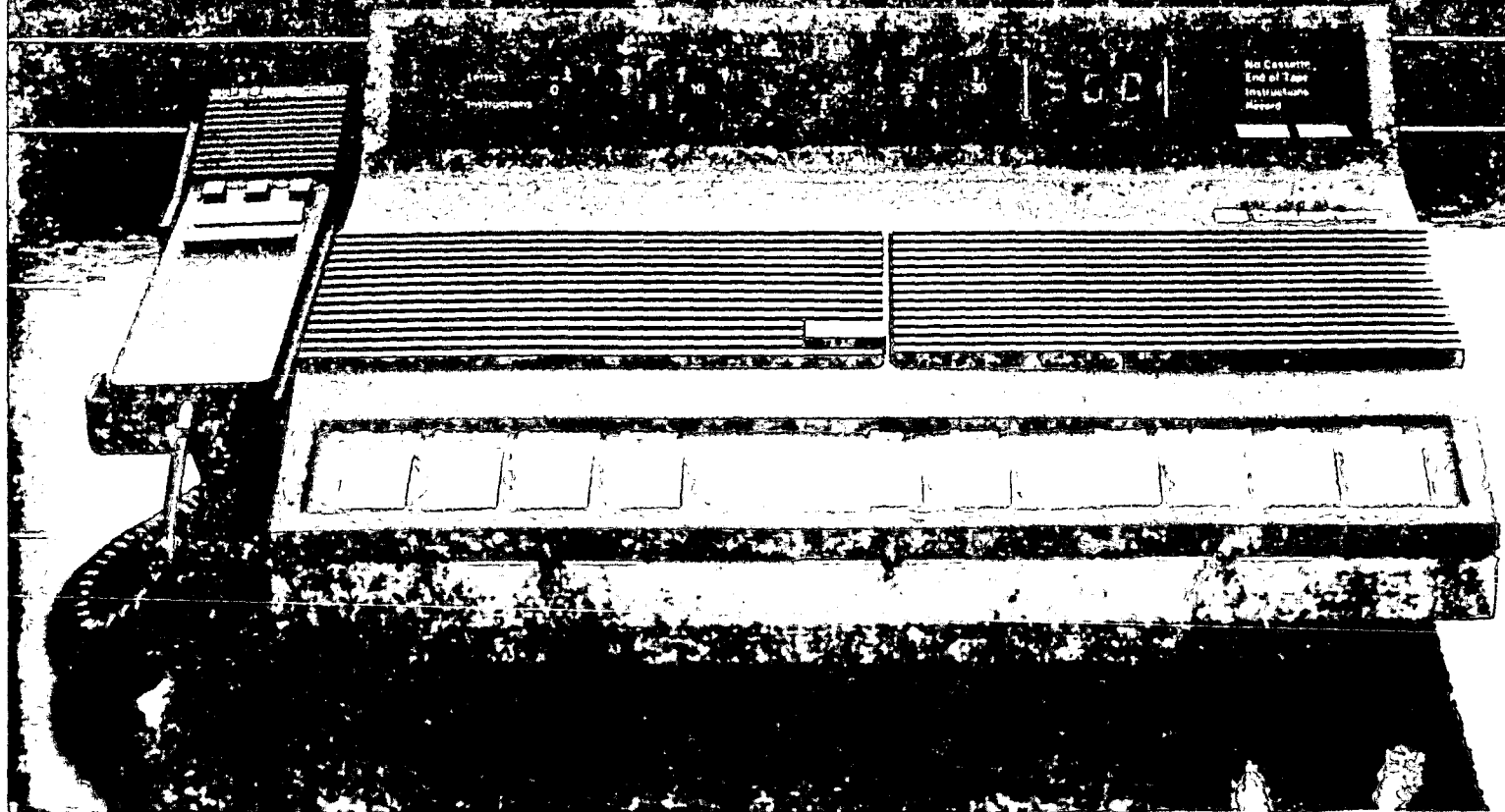
<u>QTY</u>	<u>MODEL</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1	2891	Standard Cassette Dictator	\$ 725.00	\$ 725.00
1	3992	Micro Cassette Transcriber	725.00	725.00
1	3242	Micro Cassette Portable	325.00	*N/C
NET INVESTMENT				<u>\$ 1,450.00</u>

*Special September Promotion

 **Dictaphone**
A Pitney Bowes Company

DCX III

*Microcassette
Dictating/Transcribing
System*



Dictaphone

DCX III

Microcassette
Dictating/Transcribing
System

The DCX—Microdictation—is an advanced microprocessor-controlled dictating/transcribing system with optional telephone communications capabilities.

The Microdictation system allows the executive to control dictation with ease and unprecedented accuracy. The result is increased production, office efficiency and work satisfaction for both the executive and the secretary.

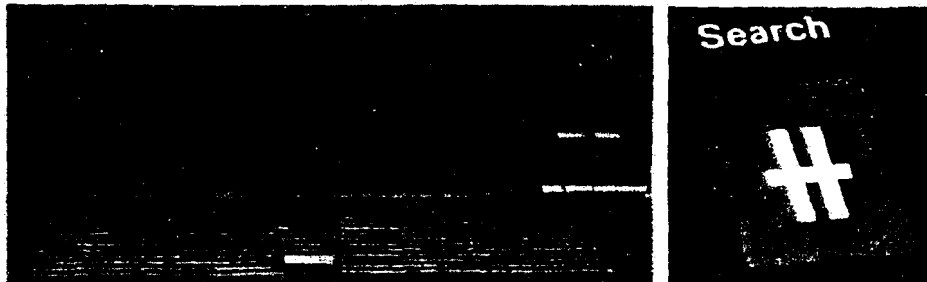
Electronic Control

The executive gives instructions to the secretary by electronic signals—rather than by explanations in person. The signals, placed at appropriate points throughout the dictation, simplify transcriptions and minimize corrections and retyping.

Control is literally in the palm of the executive's hand. The Lite-Mike is a miniature control center. All controls are located within reach of the thumb. Lifting the Lite-Mike from the cradle automatically turns the machine on and replacing it automatically shuts off the machine. A built-in speaker allows confidential review.

Microcassette Compatibility

Microcassettes are only a third the size of standard cassettes but provide a full 60 minutes of recording time. Microcassettes recorded on the Dictaphone Dictamite MX portable can be transcribed using the Microdictation system. Thus, the executive can record dictation while in the field and either send or take the microcassette to the office for transcribing. Both machines offer a choice of tape speeds: 2.4 cm/sec or the slower 1.2 cm/sec for increased playing time.



Secretarial Benefits

The system allows the secretary to hear important recorded instructions before beginning the transcription—a substantial contribution to efficiency and work planning.

In addition, the readout feature shows the length of each letter prior to transcription and counts down to provide an accurate indication of position within each letter. This helps the secretary to set the page format accurately. About five lines before the end of the letter, a signal sounds, warning that the end of the letter is near. This helps avoid those annoying "one line carry-overs."

Microdictation provides the secretary the optimum in working conditions. VOLUME, TONE and SPEED of playback can easily be controlled for perfect listening comfort. By using the lightweight chin-band headset, the secretary gets comfortable playback with quality sound reproduction. In addition, the foot control provides convenient START/STOP CONTROL as well as FAST FORWARD and REWIND. Control pressure can be adjusted for individual preference.

Telephone Options

With the optional MessageMaster module, the system can provide telephone communications capability.

Information coming in by phone can be recorded for later review. When an executive is away, the system can give messages to callers and take messages from them. An executive can telephone the system any time and have it play back any messages and even change the outgoing message.

Another optional feature, the DictaCom remote dictation module, permits the system to take dictation by telephone, unattended, at any time. When calling from any tone telephone in the world, an executive has complete dictation control: start, stop, rewind, review, correction and even electronic indexing.

 **Dictaphone**
A Pitney Bowes Company

120 Old Post Road
Rye, N.Y. 10580

Model 111 442 683 500 Printed in U.S.A.

Dictaphone

DCX III

The most advanced desktop dictating machine of the 1980s...and much more.

This desktop unit does much more than the conventional dictating machine.

It handles dictation and transcription more comfortably than ever before.

It also handles voice storage and messaging. Very conveniently. Using the same standard cassette.

Once you've used the Dictaphone DCX III you'll wonder how you ever managed without this level of control and efficiency.

The LiteMike™ Microphone

This sleek, featherweight microphone puts all the controls in the author's hand.

Either hand.

You operate the unit with a press of your thumb. It's almost effortless.

A speaker in the LiteMike gives you confidential playback.

The LiteMike makes dictating comfortable.

AfterThought™

Very often, you want to make an insertion in the dictation you've already recorded.

At last, here is an exclusive Dictaphone feature that makes that possible — without erasing.

Just find the spot, stop the playback, press the (Δ) key, and speak.

Helps make your dictated communications clear and complete.

Two-Line Index Display

The DCX III LED display gives the secretary the clearest possible visual index of the cassette being transcribed. Because it uses two lines.

The top line shows where each letter begins and ends.

The bottom lines pinpoints the author's special instructions.

The pulsing cursor shows exactly where on the cassettes playback is taking place — and how much tape is left.

To generate the index display, the secretary simply presses the SCAN control; the LEDs quickly dance into place.



Alphanumeric Readout

The more the secretary knows about the task at hand, the more efficiently transcription can be completed.

The Alphanumeric Readout tells all:

- / Length of letter about to be transcribed
- / Operating mode
- / Visual (plus audible) signals for —
 - End of tape approaching
 - Proper cassette load
 - Correct operation

The length-of-letter readout enables the secretary to estimate how many lines of typing will be required for each dictated letter — and the number of lines remaining to complete the letter in work.

The secretary can plan work efficiently and avoid re-typing.

Search

Before starting to transcribe, the secretary generally wants to know what is said in the special instructions recorded on the cassette.

This is quickly done by pressing the SEARCH control.

The tape then moves Fast Forward to the next instruction cue and automatically plays it. The secretary then quickly moves on to the next one.

Knowing what the task really is, the secretary can proceed to transcribe efficiently.

PulseTouch Controls

The secretary conveniently controls playback through a foot control.

In addition, a full set of controls on top of the unit are conveniently located and easy to operate.

Just touch the appropriate symbol, such as SEARCH (#), and it lights immediately, indicating the unit has responded

MessageMaster™

When you're away from your desk — for a couple of minutes or a couple of days — MessageMaster will keep you in touch:

- / Answers your phone and advises the caller to leave message
- / Records the message
- / Takes your dictation by phone, wherever in the world you may call from
- / Plays back the messages it is holding for you when you phone in your special code, then has the ability to erase those messages

The optional MessageMaster fits neatly on top of the index display, becoming an integral part of the desktop unit.

Working together in the DCX III, it provides you with the support of a very efficient communications system.

Design

Its microprocessor design gives the DCX III a new high in reliability. It has few moving parts or wires that can malfunction. Response is quick, accurate and quiet. And the logic of the system reduces the chance of human error.

DCX III takes you beyond the dictation technology you've used in the past, gets you into position to take on the greater productivity challenges of the 80s.



Dictaphone

A Pitney Bowes Company

120 Old Post Road
Rye, New York 10580



Typewriter and Supply Inc.

1923 SW 6th
Portland, Oregon 97201
(503) 224-2141

RECEIVED
MAY 14 1971
BY M. HAZELL

City Hall of Wilsonville
P.O. Box 220
Wilsonville, OR 97070

Margo:

Before going into prices on the Sanyo dictating equipment that I showed you Tuesday I wish to thank you for calling Oregon Typewriter and giving me the opportunity to show you our product.

We had discussed one handheld unit and two of the Sanyo TRC 5300's. The 5300 is the unit that does both transcribe and dictation. One unit without the microphone.

Prices are as follows: Sanyo TRC 5850 (handheld) \$227.95
Sanyo TRC 5300 369.95 complete

Those are the suggested prices for individual purchases. Your price for the package is \$890.98. Break down as follows:

Sanyo TRC 5850	\$200.98
Sanyo TRC 5300 complete	355.00
5300 w/o micro.	335.00

I hope this is satisfactory. If not, please call and I'll do my best to answer further questions.

Sincerely,

David Hazell
Sales Representative

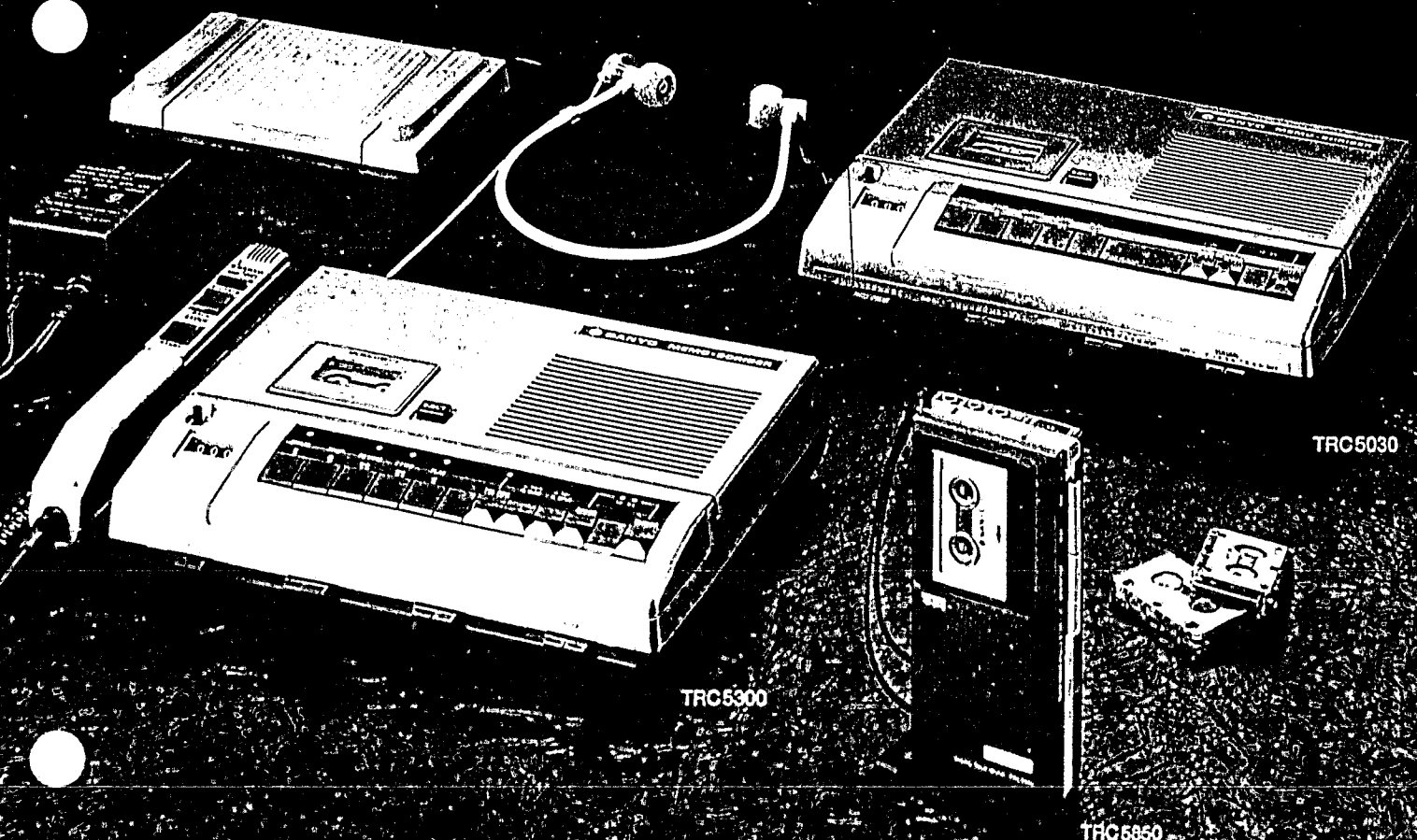
Office
Equipment



TRC 5850/5300/5030

Microcassette Dictating and Transcribing Units

Dictation is easy anywhere with the compact TRC 5850 microcassette recorder, complete with electronic cueing and economical 2-way recording system. Transcribing from microcassettes can be handled by either the TRC 5300 or TRC 5030 desk-top machine.



TRC5300

TRC5030

TRC5850

SPECIFICATIONS

TRC 5850

FEATURES

- Compact dimensions: 2-15/16" x 5-3/32" x 7/8"; weight: 8.64 ozs.
- 2-speed recording system up to 120 minutes.
- Cue index tone.
- Conference/dictation selector switch.
- Quick erase, review and record system.
- Recording level and battery check indicators.
- Powered by alkali batteries (20 hours), manganese batteries (9 hours) or Ni-Cd batteries with optional AC adaptor (4.5 hours).

SPECIFICATIONS

Recording system	AC bias	Output power	300mW (max.)
Erasing system	Magnet erase	Loudspeaker	1-9/16" (40mm)
Tape speed	15/16 ips., 15/32 ips. (2.4 cm/sec., 1.2 cm/sec.)	Power source	DC: 3V (UM-3 x 2)
Fast forward/ rewind time	150 sec. (MC-60 tape)	Dimensions	2-5/16" (W) x 5-3/32" (H) x 7/8" (D) (59 x 129.5 x 22.3mm)
Wow & flutter	0.6% RMS (15/16 ips)	Weight	8.64 ozs. (245g) (w/battery)
Frequency response	200 - 7000Hz (15/16 ips., normal tape)	Accessories	MC-60 tape, earphone, carrying case
Signal-to-noise ratio	40dB		

TRC 5300/5030

FEATURES

- Transcribing (Model TRC5030) or dictating and transcribing (TRC5300) with microcassettes.
- Handheld remote control equipped with mike and speaker (TRC5300).
- Conference/dictating and telephone recording capacity (TRC5300).
- Cue index tone for after thought instructions (TRC5300).
- Foot control with play and back-space functions.
- Solenoid control for feather-touch operation.
- Quick erase quickly blurs messages to protect privacy.
- Speed, volume, and tone controls plus tape counter.
- Full auto stop plus tape-end alarm in all modes.
- Automatic variable backspace.

SPECIFICATIONS

Model	TRC5300	Model	TRC5030
Recording system	AC bias	Recording system	—
Erasing system	DC bias	Erasing system	DC bias
Fast forward/ rewind time	120 seconds (MC-60)	Fast forward/ rewind time	120 seconds (MC-60)
Wow & flutter	0.5% RMS	Wow & flutter	0.5% RMS
Frequency response	250—6,000Hz	Frequency response	250—6,000Hz
Signal-to-noise ratio	40dB	Signal-to-noise ratio	40dB
Output power	1,000mW	Output power	1,000mW
Loudspeaker	77mm dia, 8 ohm	Loudspeaker	77mm dia, 8 ohm
Power source	AC adaptor (AC 120V, 60Hz)	Power source	AC adaptor (AC 120V, 60Hz)
Dimensions	9-5/16" (W) x 7-5/16" (D) x 2" (H) (236 x 186 x 51 mm)	Dimensions	9-5/16" (W) x 7-5/16" (D) x 2" (H) (236 x 186 x 51 mm)
Weight	3 lbs. 4 ozs. (1.48 kg.)	Weight	3 lbs. (1.4kg)
Accessories	AC adaptor, MC-60 tape, foot control, head set, hand control	Accessories	AC adaptor, MC-60 tape, foot control, head set.

Sanyo Microcassette Tape



MC-60

OREGON TYPEWRITER
1923 S.W. 6th AVE.
PORTLAND, OREGON 97201
224-2141

Distributed by

*Specifications subject to change without notice



SANYO

SANYO BUSINESS SYSTEMS CORPORATION
51 Joseph Street Moonachie, New Jersey 07074

Circuit Court of Oregon
Baker

523-6303

Susan Monson
Jurat Court Clerk

Vera

The following is an evaluation of testing results of the Sony BM146 Confer-Corder as well as the Lanier Advocate II followed by some general comments on both machines as to how they perform within our courtroom recording procedures and transcribing procedures.

RECORDING AND PLAYBACK

SONY

LANIER

Volume:

Can be turned up loud enough to be heard clearly throughout the courtroom during playback.

Volume is weak. Difficulty hearing throughout courtroom on highest setting.

Tone Control:

Excellent

Fair

Digital Counter:

Moderately accurate. Holds the count if power is off for 2-3 hours according to manual. We left power off for 4 days and digital counter held proper count.

Poor accuracy. If power is turned off at all the count is lost. It is then necessary to put in a dummy tape, FF to proper number on the counter, remove dummy tape, reinsert original tape and continue recording. Very time consuming.

Search Button:

This feature provides instant location of any section of the tape to be played back for Judge, D.A., attorneys, etc. Very cost efficient in view of the man hours spent each month in location of various portions of courtroom proceedings for review

Has no search feature. We spend 6-10 hours per month in locating various sections of testimony for review by court personnel and attorneys.

Record End Button:

This feature provides instant return of the tape and the counter to the end of the recorded portion of the tape for further recording after review of previously recorded matter.

Has no REC END feature. To locate end of the last recorded segment of tape it is necessary to use the FF button until you reach the approximate counter number that you left off on and then hunt for the end of the recording.

Keyboard:

Well designed, easy to use, convenient keyboard. All controls are on the front of the machine and easy to locate.

Controls are on the front and both sides of the machine. Not as well designed or convenient.

Eject Mechanism:

Eject mechanism requires one step process.

Eject mechanism is a two step process.

Alert System:

Excellent for any malfunctions of the machine or the tapes.

Also excellent.

Tape Speed:

Available at 1.2 cm per second and 2.4 cm per second.

Available at 1.2 cm per second only.

Convenience of relocation:

(For recording Motions, etc., in the Judges chambers by conference call.)
Unplug 2 cords on Sony when using two recording machines with the TU-14. The microphone jacks remain plugged into the TU-14.

Unplug 6 cords. (Two electrical plugs and 4 microphones.)

TRANSCRIBING FEATURES

SONY

Sound:

Volume control is more sensitive. Can be turned up very loud, if necessary.

Does not have good volume range.

Tone Control:

Excellent.

Excellent

Reverse Time:

Cuts transcription time by at least 25%. Eliminates "hit and miss" situation in backing up tape during transcription for just a phrase or couple of words.

Has no reverse time control. Totally manual backup via foot pedal. Inaccurate. Extremely time consuming. Frustrating.

Channel Indicators:

Saves time and frustration. Can immediately see which microphone is in use. Eliminates guesswork in selection of channels for zeroing in on a particular microphone.

Has no channel indicators. Necessary to back up tape and push buttons a minimum of one, maximum of four times to obtain desired channel.

TRANSCRIBING FEATURES Continued

Foot Control Pedal:

Well developed foot control pedal. Is not overly "sensitive", but is certainly responsive. Surface of pedal is all one piece.

Too sensitive. A "slip of the foot" or accidentally touching this pedal in the wrong spot can rewind or fast forward tape to undesired position. It is inconvenient to look down at your feet periodically to check location of pedal to feet while transcribing.