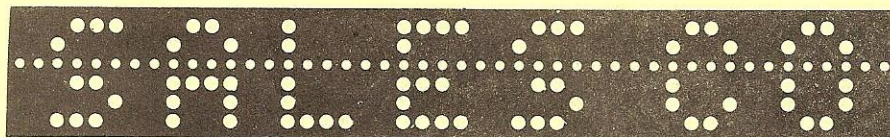
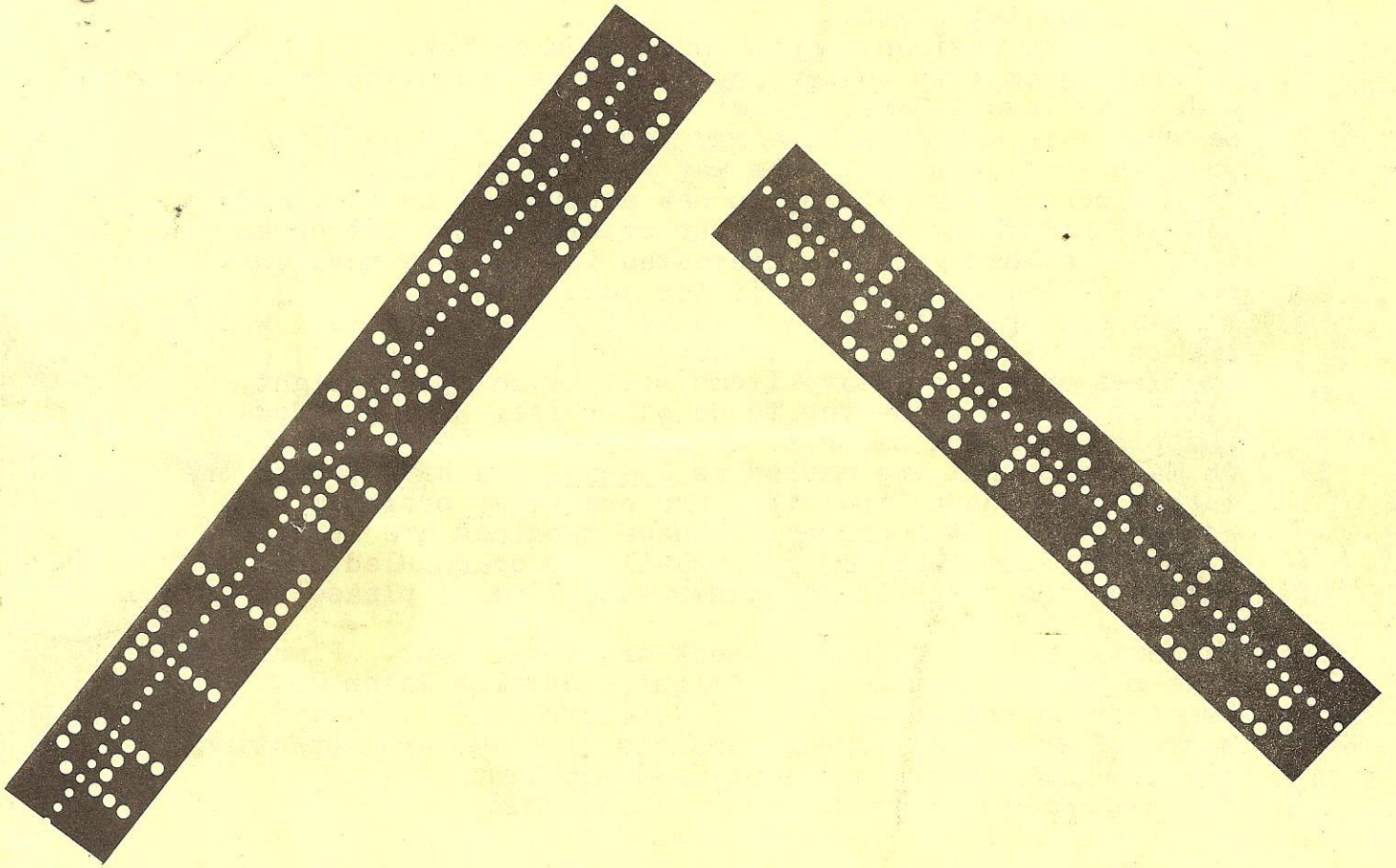


# ATLANTIC SURPLUS SALES

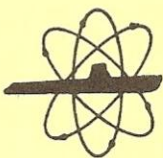


*Radio • Electronics • Telephone • Teletype • Equipment*

## CONDITIONS OF SALE

### TO OUR CUSTOMERS:

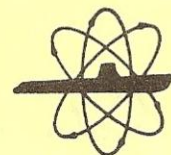
1. All items listed are subject to prior sale and availability.
2. All items are AS IS unless the condition is specified.
3. All items are used unless specified as new or unused.
4. Prices listed are those in force at the present time, but we reserve the right to change them without notice due to our changing costs.
5. All New York residents must include Sales Tax.
6. We will attempt to answer any questions you might have but please enclose a SASE.
7. We will ship materials the way you request if possible or you can have us ship it the way we feel is best.
8. We are constantly getting in new equipment, so if you do not see something listed on our sheets please let us know what it is that you are interested in. We may have just received it or can obtain it for you.
9. Please enclose sufficient postage for goods ordered, which are to be sent through the mail.
10. Machines and other heavy items will be shipped freight collect unless requested to do otherwise. You pay for shipping when the material is delivered.
11. On Machines that are marked as Checked, we have tested the machines to insure that they are operating properly and adjusted them if necessary. These machines are in good condition, but they are not rebuilt or overhauled.
12. Checking and adjusting machines take time so please be patient.
13. Payments will be by cash, check or money order. Please make payments payable to: Atlantic Surplus Sales Co.
14. Remittances should be in U. S. dollars.
15. Where given, weight and dimensions of items are approximate.
16. Not responsible for typographical errors.
17. We reserve the right to limit quantities.

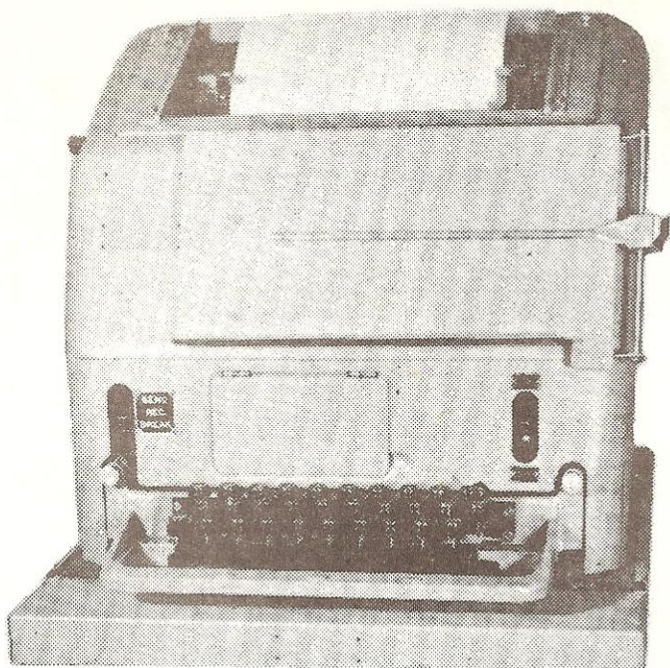


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## Model 15 KSR

MODEL 15: These Page Printers come as either a KSR or R0 type. The KSR units are complete with keyboards, green keytops, and copyholders. Both the KSR and R0 are heavy duty units that were built for continuous duty use. The Model 15 has through the years earned the reputation as the "WORKHORSE" of the industry. The machines are equipped with 115 V AC, 60 cycle Syn. Motors. They come with 66 WPM gears but operate at 60 or 75 WPM with the proper gears. These machines are ideal for anyone needing a machine capable of providing hard copy, be it amateur or commercial.

Checked out.....KSR Type...with keyboard.....Cat. #20A 120  
 Checked out.....R0 Type....without keyboard.....Cat. #21A 95

### KEYTOPS

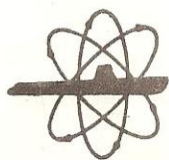
If you need them, we've got them. They are for model 14, 15 & 19 machines and are green in color.  
 Cat. #22B .50

### WINDOW GLASS

Use these on your model 14, 15 & 19 machines and keep the dust out and the noise in.  
 Cat. #23C 3.50

### TYPE BARS

Replacement type bars for model 14, 15 & 19 machines.  
 Cat. #24C 1.00



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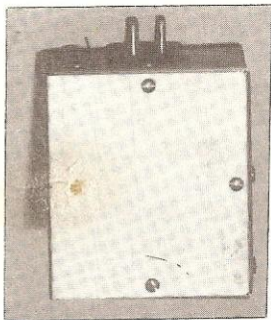
## MODEL 19



This set consists of a Model 15 page printer, plus a keyboard operated (mechanically) tape perforator. A model 14 Transmitter Distributor (tape reader) and a power supply complete the set. Machines operate at 60, 67, or 75 WPM with the proper gears. Takes standard 11/16" perforator tape and punches chad type of holes in that the hole is completely punched. Makes an excellent set for those just starting.

Model 19 Set.....Checked out.....\$169.00.....Cat. #41A  
 Model 19 Table...Checked out.....\$4.00.....Cat. #42A

### POWER SUPPLY



These are small, compact units measuring 4" x 3½" x 2½". Great for a local loop supply and other applications. Requires 110 V AC in and provides 110 V DC out.

Power Supply..Cat. #44A 10.00

### POWER SUPPLY

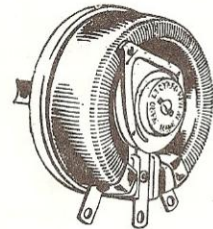


Heavy duty types for use with your model 15, 19 etc. machines. Several types available but they all require 110 V AC in and provide 110 V DC out.

Power Supply.....Cat. #43A

\$119.00

### POT



Ceramic type rated at 25 Watts, and 3500 ohms, or similar. They are great for setting up your local loop when used as your loop current limiting resistor.

Pot.....Cat. #45A

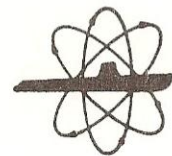
1.50



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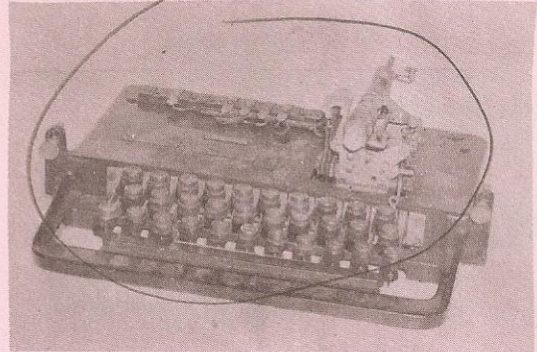


## MOTORS



1800 rpm Syn.  
motors 115 V AC  
60 Cycle. Used  
in Model 14, 15,  
or 19 Machines.  
Motors checked  
for proper opera-  
tion..Cat. #31A *\$16.50*

## KEYBOARDS



ANSWERBACK-KEYBOARD ATTACHMENT for  
Model 15, with attachments to set up  
identifications (such as your call)  
with a maximum of 21 characters poss-  
ible. Add a little convenience into  
your life. Will ship necessary parts  
to be screwed onto your keyboard to  
do the job.....Cat. #33A *\$15.50*

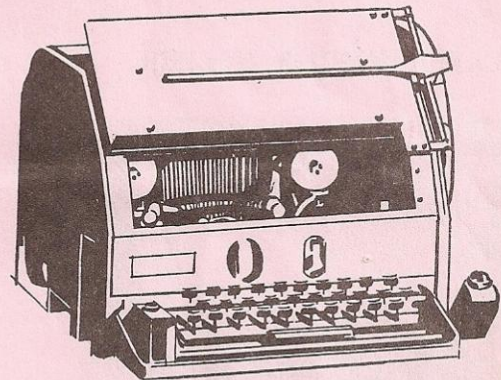
Change your Model 15 RO to a KSR or  
get a spare keyboard. Keyboards are  
sold complete and checked with key-  
tops.....Cat. #32A *\$28.50*

## TRANSMITTER DISTRIBUTORS

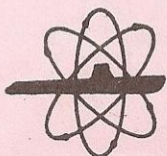


This is the machine that reads your  
punched tape. It is equipped with  
an 1800 rpm Syn. motor and comes  
complete and checked out for 67 WPM.  
These machines will operate at 60,  
67, 75 or 100 WPM with the proper  
gears.....Cat. #34A *\$49*

## REPERFORATORS



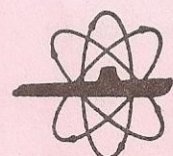
Several types available but basically  
all used to punch tape which could  
later be played back using your Trans-  
mitter Distributor. They punch and  
type on the tape and are of the Chadless  
variety in that the punchings are not  
completely removed but rather form a  
hinge. The machine can be hooked into  
your loop to record incoming or outgo-  
ing information. The Model 14 Reper-  
forator comes with and without keyboard. *\$68*  
M-14 Type/Reperf./KeyBd..Checked.Cat.#35A  
M-14 Type/Reperf./No KeyBd.CheckedCat.#36A *\$60*



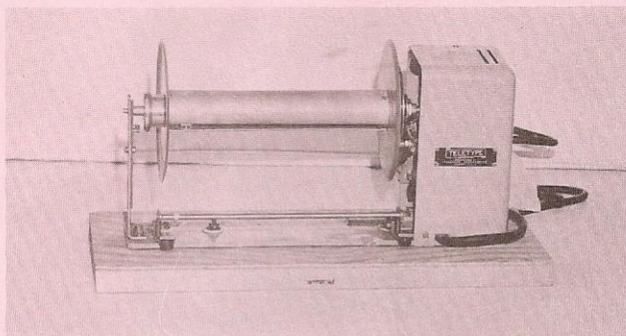
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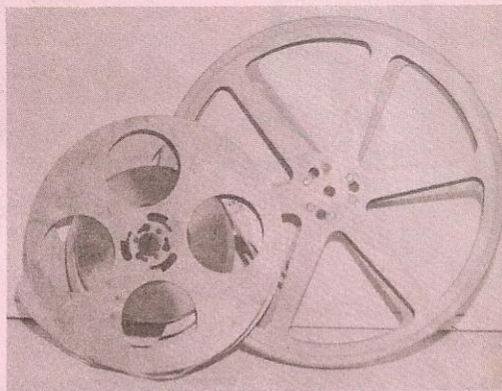


## ELECTRIC PAPER WINDER



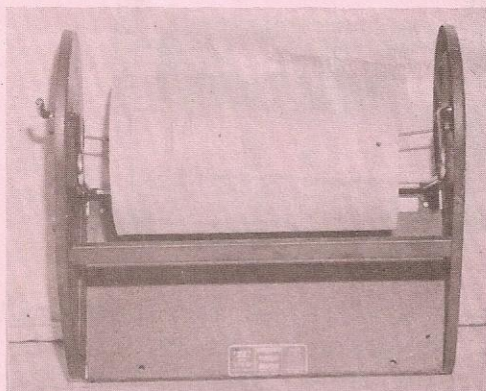
These units automatically wind up your printed copy onto a cylinder as it emerges from your machine. Operate from 115 V AC 60 cycle. Checked out.....Cat. #51A

## TAPE REELS



Use to store your perforated tape for safe keeping or use them to make up a tape handling unit.....Cat. #53A

## PAPER WINDER HOLDER



Mount these onto the rear of your machine, add a paper spindle and a little ingenuity and you have a mechanical paperwinder, or get a small A.C. motor and convert it to an electrical power winder. Cat. #52A

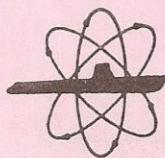
## DISTORTION TEST SCOPE



Stelma type TDA-2, allows you to visually check for worn, dirty or problem contacts in your Teletype machine. Operates at 60, 75, or 100 WPM. Power required is 110 Volts AC, 60 Cycle.....Cat. #54A

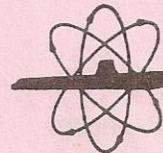
\$159.00

We have parts for Teletype, Mite, Lorenz and Kleinschmidt Machines.



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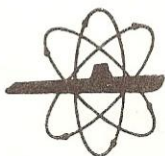


# LORENZ PRINTER 15 ASR



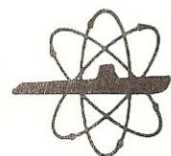
LORENZ MODEL 15: These are beautiful machines made by Lorenz and are similar to the Teletype Model 15 except are much newer units and have many added features. Units come as either KSR type or ASR type. All units come with Here-Is Answer back attachment, built in fluorescent copy light, copy holder, light green covers, and white keytops. These machines are much smoother running than the older model 15 and about 75% of the parts are interchangeable with the Teletype model 15. Machines complete with 115 V AC Syn motor, 60 cycle and are built for continuous duty use. These are heavy duty machines and are ideal for commercial or amateur use. Machines come set with 66 WPM gears but run at 60 or 75 WPM with the proper gears. The Model 15ASR version has a reperforator (tape punch) built in on the left side and a transmitter distributor (tape reader) built in on the right side. All units mount on the main base making the unit like a compact model 15 but with full reperforator and TD built into one machine. Machines are sold in checked out condition and are probably a best buy for the Amateur.

Checked out.....KSR Type...No tape gear.....Cat. #11A 195  
 Checked out.....ASR Type...Full tape equipment.....Cat. #12A 285  
 Table.....Cat. #13A

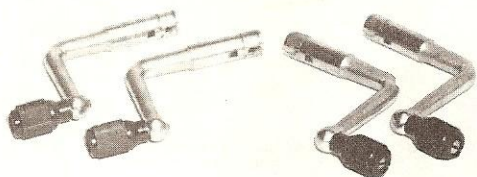


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## MODEL 15 PAPER CRANKS

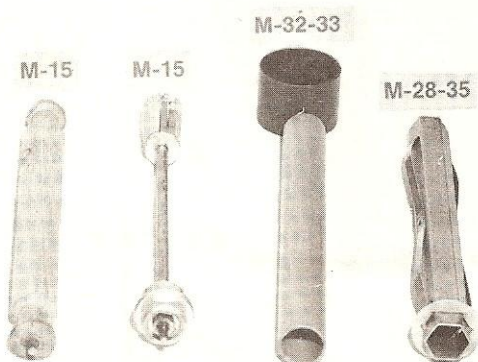


Scarce animal. So much so that we do not even include them with our own model 15 machines, except if specifically ordered as an extra.

Model 15 Paper Crank ..... Cat. #25C

*\$12.50*

## PAPER SPINDLES



Holds your roll of paper or perf. tape on your machine. Replace your cracked one.

Model 15 paper spindle (wood) ..... *3.00* Cat. #27C

Model 15 paper spindle (metal) ..... *4.00* Cat. #27D

Model 32-33 paper spindle ..... Cat. #27E

Model 32-33 Perf. Tape Spindle ..... Cat. #27F

Model 28 or 35 Paper Spindle ..... Cat. #27G

## TEST SET TS-2TG

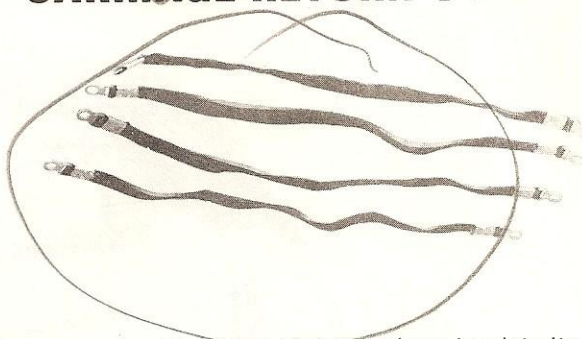
Teletypewriter signal distortion test set capable of sending normal or distorted signals for testing Teletypewriter circuits and equipment. Operates at 60, 75, or 100 wpm. Requires 115 V AC 50-60 cycle for motor and 60 ma teletype input signal. A character selecting switch allows for automatic transmission of the letter R, Y, or Test Message (The quick brown fox jumped over the lazy dogs back). Weight 70 lbs.

Test Set TS2-TG ..... Cat. #28A

Technical Manual ..... Cat. #28B

*39.00  
5.00*

## MODEL 15 CARRIAGE RETURN STRAPS



Necessary to return the M-15 carriage back to its starting position. Always seems to break at the wrong time. Model 15 C.R. Strap ..... Cat. #26C

*\$1.85*

## COVERS AND CABINETS

We have them to fit all your machines. Covers and cabinets are USED but in good shape (no dents).

Model 14 T.D. cover ..... *4.95* Cat. #29A

Model 14 Typing Reperf ..... *4.95* Cat. #29B

Model KSR ..... *19.50* Cat. #29C

Model RO ..... *19.50* Cat. #29D

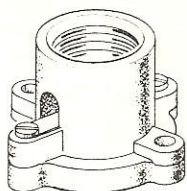
Model 19 KSR ..... *22.50* Cat. #29E

Model 28 Table Top ..... *58.50* Cat. #29F

Model 28 Floor Stand ..... *68.50* Cat. #29G

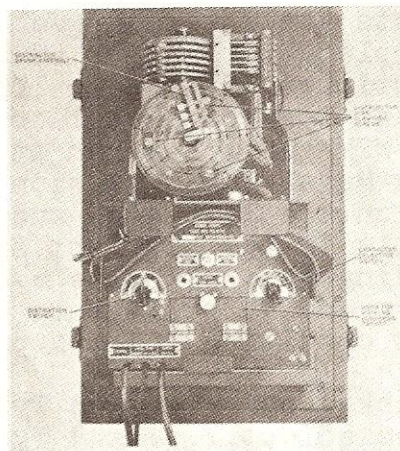
## PORCELAIN FUSE RECEPTACLE

If your machines are not equipped with one, for safety sake get one. Mounts on the base of your Model 15, etc, and protects your motor, and YOU!



Fuse Holder complete with fuse . Cat. #26E

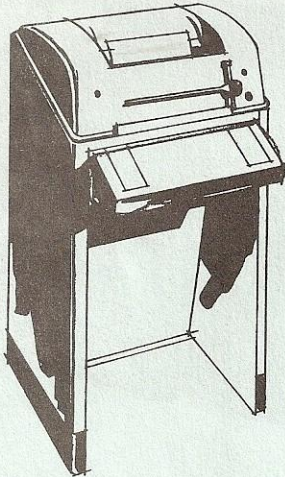
Spare fuses ..... Cat. #26F



28 RO

MODEL 28

28 ASR



Model 28 receive only, is the same heavy duty machine as the 28 KSR except contains no keyboard, and is used for printout only. Machines are capable of operating at 60, 67, 75 or 100 WPM with the proper gears.

Model 28 RO..checked out..Table Top.Cat.#64A  
Model 28 RO..checked out..Floor Cab.Cat.#65A

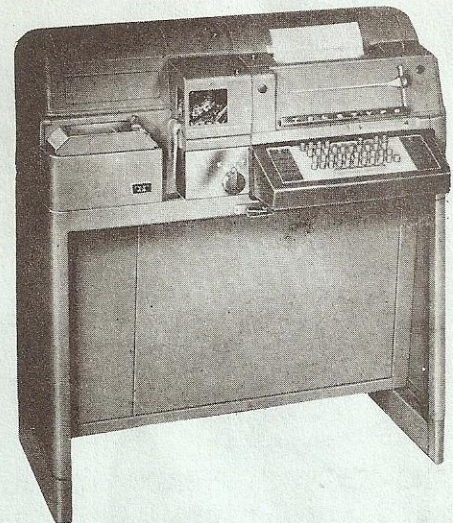
28 KSR



Model 28 KSR is a heavy duty page printer, complete with keyboard and capable of 100 WPM speed. These machines are presently the workhorse of the industry and like their big brother, (M-28ASR) were designed with future expansion in mind.

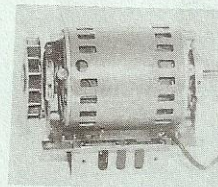
Model 28KSR..Checked out..Table Top.Cat. #62A

Model 28KSR..Checked out..Floor Cab.Cat. #63A



Model 28 ASR is a heavy duty page printer capable of copying at 100 WPM speed all day long. It has a built in tape punch and a tape reader (transmitter distributor). The Model 28 ASR will do anything the older model 19 will do and lots more. Machines were designed with future expansion in mind thus making them extremely flexible units with many options available. Considered to be the Ultimate in teleprinter equipment.

Model 28 ASR..Checked out.Cat. #61A



Type LMU 3....Cat. #66A  
Type LMU 12....Cat. #67A

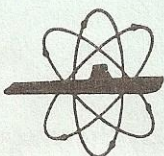
We have parts for your teleprinter so let us know what you need.....

WANTED

• MACHINES

• PARTS

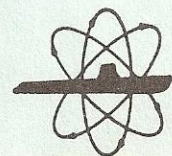
• MANUALS



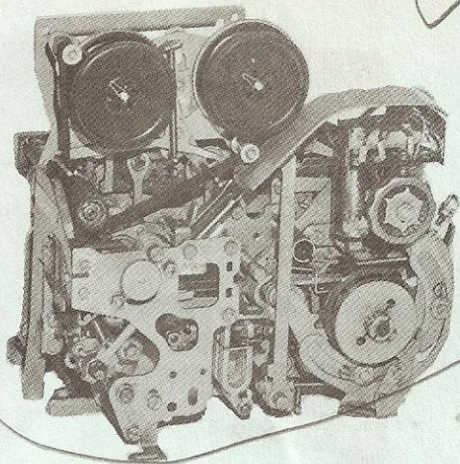
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## MODEL 28 TYPING REPERF

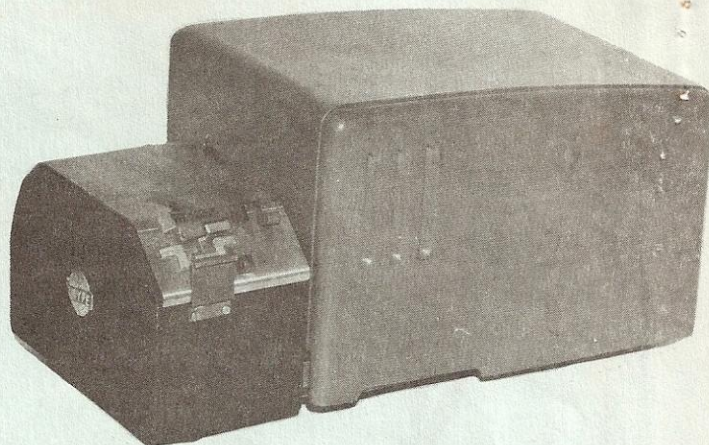


LPR TYPING REPERF. HEADS appear complete and in good condition. Several numbers such as LPR-35, 37, etc. available. Some units are chad type and others are chadless, but all take 11/16" tape. Use as spare heads or build your own typing reperforator.

Model 28 Typing Reperforator, Cat. #71A

80.00

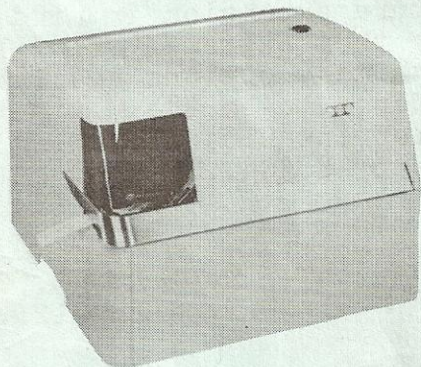
## MODEL 28 TRANSMITTER DISTRIBUTOR



TYPE LXD T.D. complete with motor, cover, base and fully stand alone type. They are typical of the 28 line in being heavy duty and built for continuous use. Units operate at 60, 75 and 100 WPM.

Model 28 T.D. checked out..Cat. #72A

125.00



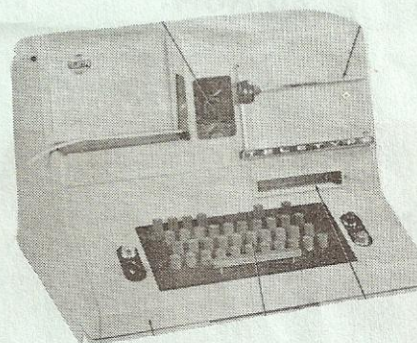
Model 28 Receive Only Typing Reperf. Set provides the capability of punching tape from signals received from the air. Gives you the ability to copy picture tapes as well as all other material normally printed on your page printer. It can also be used to punch tape using your keyboard. Units are available as single speed ROTR, 60, 67, 75, 100 wpm or with a 3 speed gear shift allowing 60-75-100 wpm operation without changing gears.

Model 28 ROTR Set ... Single Speed  
Cat. #74A

119

Model 28 ROTR with 3 Speed Gearshift  
Cat. #74B

149



Model 28 Keyboard Typing Reperf. A complete Send and Receive Tape Set that allows you to punch tape through use of its keyboard, or from an incoming signal. Units have a character counter as well as an end of line indicator. Gears available for 60, 67, 75 or 100 wpm.

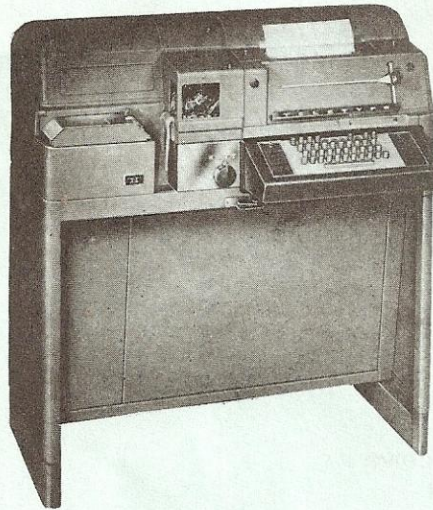
Model 28 KTR Set.....Cat. #73A

149

# Atlantic Surplus Sales

Radio - Electronics - Telephone - Teletype - Fax - Equipment

# MODEL 28-ASR



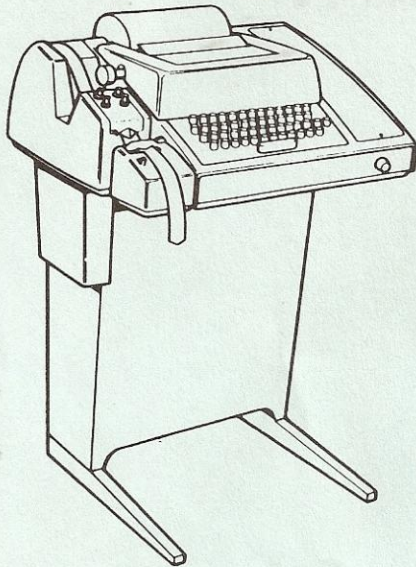
The Model 28 ASR is a heavy duty, Automatic Send Receive Teletype machine made for continuous operation at any one of four speeds, 60, 67, 75, or 100 wpm. The M-28ASR is capable of printing on its printer unit, punching tape through its tape punch, as well as reading paper tape through its tape reader (TD). The machine allows for preparing tape using the keyboard, while simultaneously receiving messages on the page printer portion. The most popular and sought after machine used by Radio Amateurs as well as commercial users of Teletype equipment today.

|  |           |                    |
|--|-----------|--------------------|
| Checked out (Re-wired for amateur use) .....           | Cat. #61A | 395. <sup>00</sup> |
| Unchecked out (Re-moved from commercial service) ..... | Cat. #61B | 295. <sup>00</sup> |

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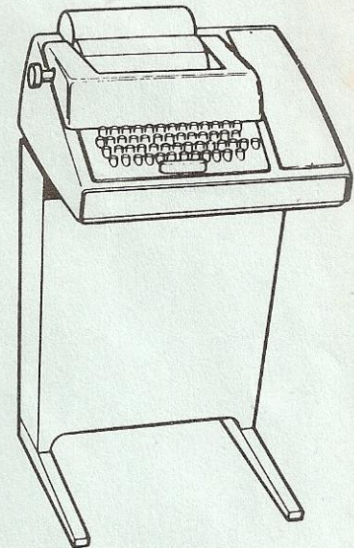
*Radio - Electronics - Telephone - Teletype - Fax - Equipment*

# COMPUTER TERMINAL SET



Model 33 Automatic Send-Receive  
(ASR) Teletypewriter Set

## MODEL 33 TERMINAL



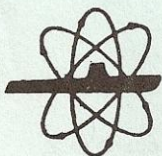
Model 33 Keyboard Send-Receive  
(KSR) Teletypewriter Set

The Model 33 Teletypewriter operates at 10 characters per second (110 baud) and uses the ASCII code. It is available in a Receive-Only (RO) set, Keyboard Send-Receive (KSR) set, and an Automatic Send Receive (ASR) set. The ASR set contains a tape reader and punch. Machines available for Friction Feed (FF) or Sprocket Feed (SF).

Although in the past we offered only Commercial Grade Model 33 Teletype machines, due to the large demand for an Inexpensive Hobby Grade Computer Terminal, we are now offering Model 33 Terminals in a Hobby Grade. These machines are sold in the same condition as received by us, however they are checked for completeness and for operation. A "Best Buy" at our low price.

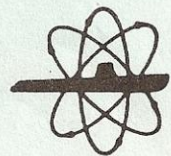
- |              |  |
|--------------|--|
| MODEL 33 RO  | The ideal hard copy printer for your computer system. Machines come set for 20 or 60 ma signal line current.<br><b>M-33 RO Hobby Grade ... Cat. #148B</b> <sup>175</sup> |
| MODEL 33 KSR | Provides keyboard input and hard copy output facilities for your computer.<br><b>M-33 KSR Hobby Grade .. Cat. #147B</b> <sup>225</sup>                                   |
| MODEL 33 ASR | Provides everything the model 33 KSR has but also has full paper tape preparation and sending facilities. <sup>350</sup><br><b>M-33 ASR Hobby Grade .. Cat. #146B</b>    |

There is a \$10.00 Packing fee on all orders for Printers



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## MODEL 32 KSR

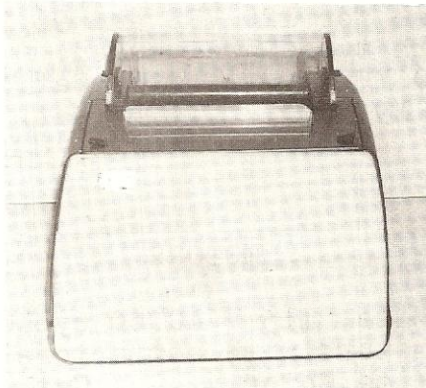


Attractive page printer complete with keyboard and capable of 100 WPM operation. Smooth, quiet units, ideal wherever an input-output machine is required.

Model 32KSR...checked out...Table Top <sup>375</sup>  
Cat. #143B

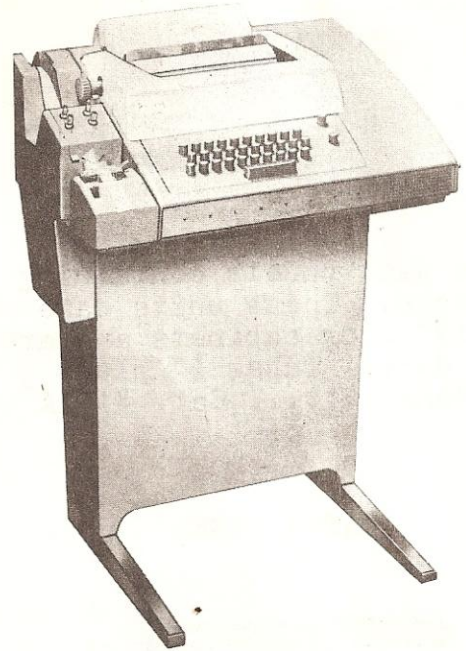
Model 32KSR...checked out...Floor Stand <sup>395</sup>  
Cat. #144B

## MODEL 32 RO



Self contained, compact, receive only machines, complete and ready to operate. Used for print-out only and at speeds up to 100 WPM. <sup>285</sup>  
Model 32 RO...Checked out...Cat.#145B

## MODEL 32 ASR

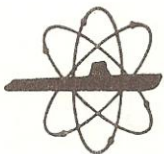


Modern machines complete with page printer, keyboard, (tape punch) re-perforator, and transmitter distributor (tape reader). Tape punch equipped with back-space to enable tape corrections. Machines are compact, quiet running and of late design.

<sup>595</sup>  
Model 32ASR...checked out...Table Top  
<sup>590</sup> Cat. #141B

Model 32ASR...checked out...Floor Stand  
Cat. #142B

We cannot list everything, therefore, if you need something special and do not see it, let us know. We may have exactly what you want.

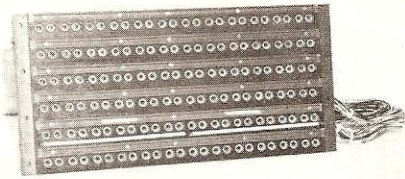


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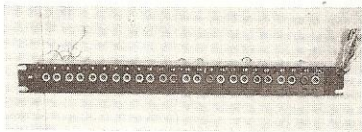


## PATCH PANELS



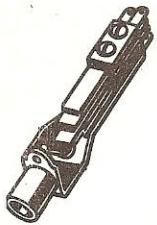
Female jack panels containing 144 jacks. These units came from 19" rack cabinets and are heavy duty. Takes  $\frac{1}{4}$ " plug.  
Jack Panel.....Cat. #191A *2900*

## PATCH PANEL



Female jack panels containing 24 jacks. Takes  $\frac{1}{4}$ " plugs. Fits onto standard 19" rack.  
Jack Panel.....Cat. #192A *71200*

## SWITCHBOARD TYPE JACKS

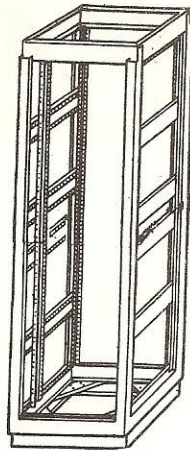


Rugged, steel frame with heavy springs to ensure long life. Takes  $\frac{1}{4}$ " plug. Pkg. of 3 plugs....  
Cat. #193A *1150*

## PANEL MOUNTED BLOWERS

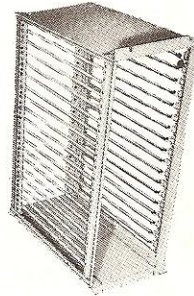
Heavy duty twin blowers in enclosures. Units require 115 V AC 50-60 cycle. Mount these in your Rack Cabinets and keep them cool. Units have front grills and filters.  
Blowers.....Cat. #194A

## HEAVY DUTY RACK CABINETS



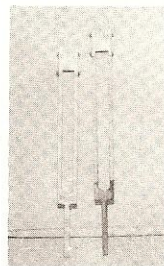
Heavy guage rack cabinets measuring 24"W. x 82H. x 26"D. Cabinets have open fronts and doors in rear. If you have been short of space, now is the time to put your equipment in a rack. Units are blue with aluminum trim.  
Rack Cabinet.....Cat. #195A *7000*

## PRINTED CIRCUIT CARD HOLDERS



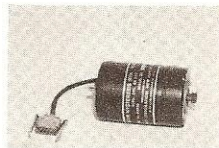
Holders come with sockets still in place. They measure 22 $\frac{1}{2}$ " x 15" x 8" and will hold 20 boards. Use them as is or modify to suit your needs.  
P.C. Card.....Cat. #196A

## TUNING FORKS

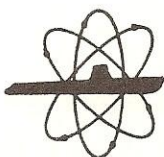


Use these to set your motor to the correct speed. We have them for 120 VPS and 96.19 VPS. Both types are unused.  
120 VPS.....Cat. #197A  
96.19 VPS.....Cat. #198A

## MOTORS

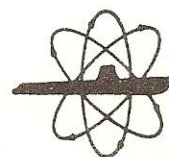


Mite, 115 V AC 60 cycle Syn. motors with connectors unused.  
Mite Motor.....Cat. #199A *30.00*

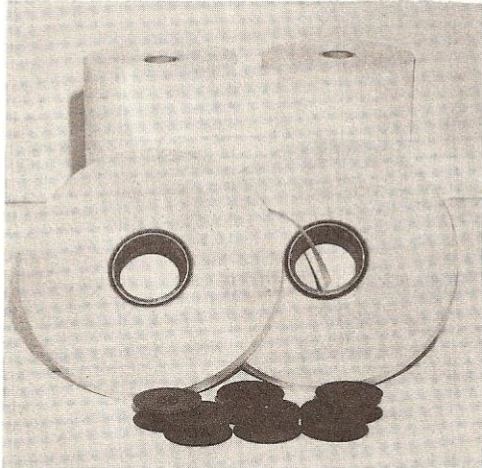


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# ACCESSORIES



## ROLL PAPER

8-1/2" wide and 4-1/2" diameter for use with your Friction feed machines.

Sold by the Roll

\$13.75

Cat. #1A

Save buy the case (12 rolls)

\$129.50

Cat. #1B

Roll paper for your friction feed machines for use where a better grade of paper is required. Standard size of 8-1/2" wide and Bond grade.

Bond roll paper per roll

\$4.75

Cat. #1C

Case of 12 rolls

\$46.00

Cat. #1D

Sprocket (Pin Feed) roll paper in standard width of 8-1/2" and 4-1/2" diameter. Available in Bond grade only.

Sold by the roll

\$6.75

Cat. #1E

Save buy the case (12 rolls)

\$65.00

Cat. #1F

## TAPE

Perforator tape comes 1" wide and 8" diameter.

Sold by the roll

Cat. #316

Box of 7 rolls

Cat. #317

Case of 28 rolls

Cat. #318

Perforator Tape comes 11/16" wide and 8" diameter. Use with your model 14, 19, 28 and 32 machines.

Box of 10 rolls

\$6.90

Cat. #2A

Case of 40 rolls

\$24.80

Cat. #3A

## RIBBONS

They come either all black (purple) or red and black and will fit all Teletype Printers and Typing Reperforators.

Red/Black

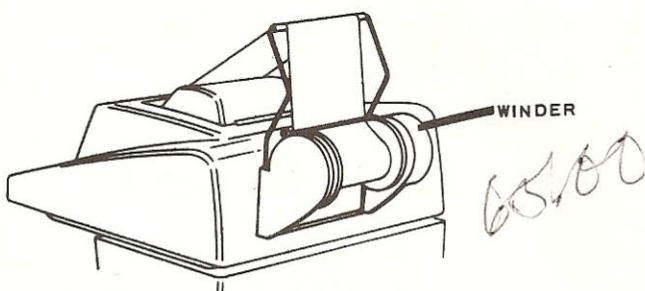
150

Cat. #4A

Black (Purple)

1200

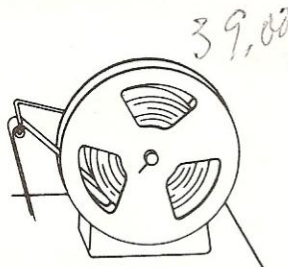
Cat. #5A



## ELECTRIC PAPER WINDER

Automatically winds paper when slack and stops when taut. Copy is displayed before being rolled up. Paper spindle is removable and comes apart for easy removal of paper. Units are thoroughly tested before shipment.

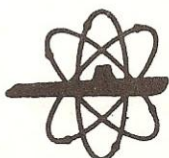
Cat. #91A



## MECHANICAL TAPE WINDER

Several types available but all are spring operated units capable of automatically winding your tape as it leaves your Tape Reader or Punch. Unit winds tape when slack and stops when taut. Winders are thoroughly tested before shipping.

Cat. #92A



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# ☆GEARS☆

| <u>CODE</u> | <u>WPM</u> | <u>PINION</u> | <u>TEETH</u> | <u>GEAR</u> | <u>TEETH</u> | <u>SET NO.</u> | <u>CAT. NO.</u> |
|-------------|------------|---------------|--------------|-------------|--------------|----------------|-----------------|
|-------------|------------|---------------|--------------|-------------|--------------|----------------|-----------------|

## MODEL 14 TYPING REPERFORATOR EQUIPPED WITH 1800 RPM SYN. MOTOR

|      |     |        |     |        |     |       |     |
|------|-----|--------|-----|--------|-----|-------|-----|
| 7.42 | 60  | 78510  | 7T  | 78509  | 30T | 90267 | G-1 |
| 7.42 | 67  | 114457 | --  | 114458 | --  | --    | G-2 |
| 7.42 | 75  | 94267  | 7T  | 88945  | 24T | 94265 | G-3 |
| 7.42 | 100 | 110876 | 16T | 110877 | 42T | --    | G-4 |

## MODEL 14 TRANSMITTER DISTRIBUTOR EQUIPPED WITH 1800 RPM SYN. MOTOR (FELT CL.)

|      |     |        |     |        |     |        |     |
|------|-----|--------|-----|--------|-----|--------|-----|
| 7.42 | 60  | 80166  | 9T  | 80165  | 44T | 111132 | G-5 |
| 7.42 | 67  | 114454 | 11T | 114455 | 49T | 114456 | G-6 |
| 7.42 | 75  | 91285  | 12T | 91284  | 47T | 113204 | G-7 |
| 7.42 | 100 | 110883 | 12T | 110884 | 36T | 113206 | G-8 |

## MODEL 14 TRANSMITTER DISTRIBUTOR (METAL CLUTCH)

|      |     |        |     |        |     |        |      |
|------|-----|--------|-----|--------|-----|--------|------|
| 7.42 | 60  | 80166  | 9T  | 135036 | 44T | 136842 | G-9  |
| 7.42 | 75  | 91285  | 11T | 136525 | 49T | 136849 | G-10 |
| 7.42 | 100 | 110883 | 12T | 135035 | 36T | 136843 | G-11 |

## MODEL 15 AND MODEL 19 PAGE PRINTER WITH 1800 RPM SYN. MOTOR

|      |     |        |     |        |     |        |      |
|------|-----|--------|-----|--------|-----|--------|------|
| 7.42 | 60  | 74912  | 7T  | 74913  | 30T | 80437  | G-12 |
| 7.42 | 67  | 114460 | 10T | 114461 | 39T | 114462 | G-13 |
| 7.42 | 75  | 91286  | 7T  | 91287  | 24T | 96535  | G-14 |
| 7.42 | 100 | 110869 | --  | 110870 | --  | --     | G-15 |

## MODEL 28 PAGE PRINTER KSR and R0, also MODEL 28 TYPING REPERF. W/KEYBOARD (FIBER) SYN. MOTOR

|      |    |        |     |        |     |        |      |
|------|----|--------|-----|--------|-----|--------|------|
| 7.42 | 60 | 151130 | 14T | 151131 | 96T | 151060 | G-16 |
| 7.42 | 67 | 152765 | 13T | 152764 | 81T | 152766 | G-17 |
| 7.42 | 75 | 151132 | 17T | 151133 | 93T | 151075 | G-18 |

## MODEL 28 PAGE PRINTER KSR and R0 (NYLON) SYN. MOTOR

|      |     |        |     |        |     |        |      |
|------|-----|--------|-----|--------|-----|--------|------|
| 7.42 | 60  | 159278 | 14T | 159279 | 96T | 161293 | G-19 |
| 7.42 | 75  | 159281 | 17T | 159282 | 93T | 161294 | G-20 |
| 7.42 | 100 | 159284 | 20T | 159285 | 84T | 161295 | G-21 |

## MODEL 28 LXD or LBXD TRANSMITTER DISTRIBUTOR-OPERATING INSIDE 28 ASR

|      |     |        |    |        |     |        |      |
|------|-----|--------|----|--------|-----|--------|------|
| 7.42 | 60  | 158005 | 9T | 158006 | 44T | 158027 | G-22 |
| 7.42 | 75  | 158003 | -- | 158004 | --  | --     | G-23 |
| 7.42 | 100 | 158002 | -- | 158001 | --  | --     | G-24 |

## MODEL 28 LXD TRANSMITTER DISTRIBUTOR STAND ALONE - 3600 RPM SYN. MOTOR

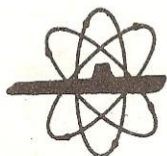
|      |     |        |    |        |    |    |      |
|------|-----|--------|----|--------|----|----|------|
| 7.42 | 60  | 156627 | -- | 156626 | -- | -- | G-25 |
| 7.42 | 75  | 156725 | -- | 156726 | -- | -- | G-26 |
| 7.42 | 100 | 156629 | -- | 156628 | -- | -- | G-27 |

## MODEL 28 ROTR - 3600 RPM SYN. MOTOR

|      |     |        |    |        |    |    |      |
|------|-----|--------|----|--------|----|----|------|
| 7.42 | 60  | 156982 | -- | 156981 | -- | -- | G-28 |
| 7.42 | 75  | 156984 | -- | 156983 | -- | -- | G-29 |
| 7.42 | 100 | 156986 | -- | 156985 | -- | -- | G-30 |

## MODEL 28 LPR REPERFORATOR IN ASR SET

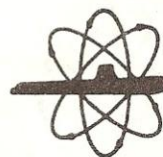
|      |     |        |    |        |    |    |      |
|------|-----|--------|----|--------|----|----|------|
| 7.42 | 60  | 163021 | -- | 163022 | -- | -- | G-31 |
| 7.42 | 75  | 163019 | -- | 163020 | -- | -- | G-32 |
| 7.42 | 100 | 163015 | -- | 163016 | -- | -- | G-33 |



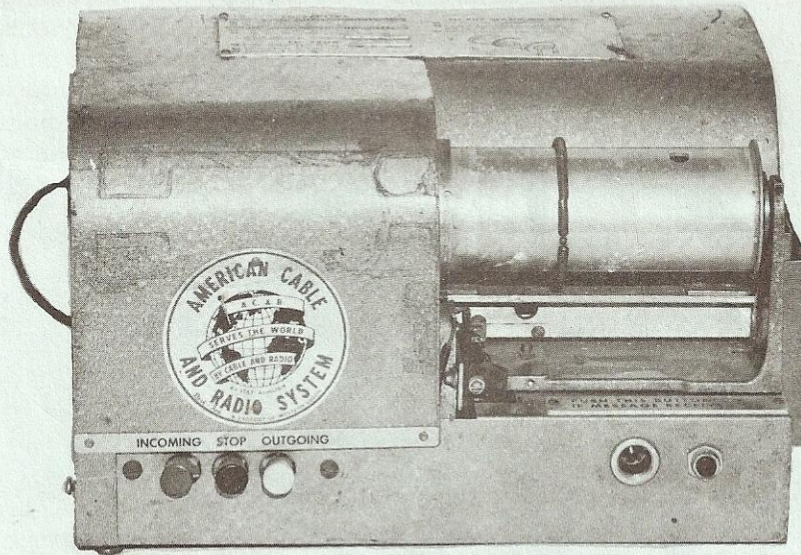
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# FACSIMILE



Western Union Telefax Transceiver with 5" drum and 115 Volt AC 60 cycle syn motor. Used to SEND and RECEIVE PICTURES and WORD MESSAGES. Size of recording paper is 6" x 4" electrolytic type. These are the standard Fax units currently being used by Radio Amateurs throughout the world, and are the units described in the ARRL Specialized Communications Book. Units are complete with receive — transmit circuit and power supply necessary for operation.

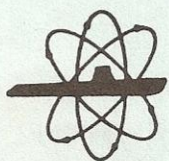
#### Application:

- Receiving and transmitting messages when two units are wired back to back.
- Receiving and transmitting information over phone lines when properly coupled.
- Receiving and transmitting material via wireless using a transmitter and receiver.
- Receiving Satellite pictures and Weather information.
- Computer graphics.

Units are complete and checked for proper motor operation. All units removed from commercial service.

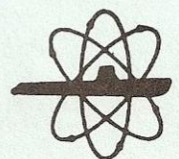
FAX TRANSCEIVER ..... Cat. #81A  
FAX TRANSCEIVER ..... Lots of 3 or more Cat. #81B  
PAPER FOR FAX ..... 250 sheets - Cat. #82A  
SPECIALIZED COMMUNICATIONS TECHNIQUES BOOK .. #1SC  
FAX TECHNICAL MANUAL ..... #81C

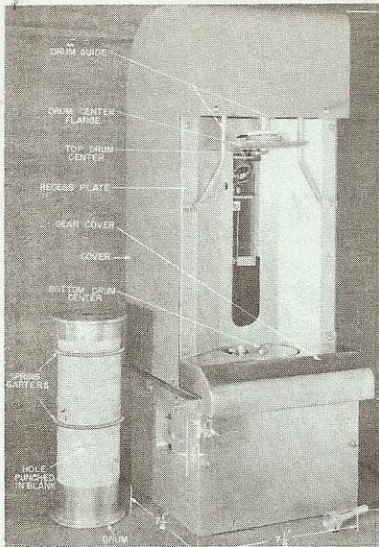
All prices are F.O.B. Brooklyn, N.Y. We will ship C.O.D. for the UPS shipping charges.



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## FAX TRANSMITTER

Self contained, vertically standing type, uses an optical-photoelectric cell pick-up which is mounted on a movable scanning assembly. Message or picture up to 8" x 8", is wrapped around drum and held in place by two spring garters. The AC signals originate in the phototube of the transmitter. The carrier signal of 2500 cycles per second is generated by interrupting the light beams by means of a motor driven chopper wheel and its amplitude is varied in accordance with the intensity of light reflected from the message blank. The output which is modulated AC (audio) signal can then be amplified, recorded or transmitted depending upon use.

Required power 115 AC 60 cycle Size O/A 20" high x 7" wide x 7" deep.  
Units are complete and checked for motor operation. All units removed from commercial service.

FAX TRANSMITTER ..... Cat. #87A

FAX TRANSMITTER MANUAL ..... Cat. #87B

## FAX RECORDER

Page Type, multiple stylus, stand alone recorder, using a roll of 8-1/4" wide electrolytic paper. Three styli, equally spaced along the belt, scan laterally across the paper and their speed is such that the result is the same as a single stylus scanning the periphery of a cylinder. Units contain a 1/50 horsepower, 1800 rpm capacitor type synchronous motor which through a worm and gear (10 to 1) and a clutch drives a sprocketed drive pulley at 1800 rpm.

Required power: 115 V AC 60 cycle

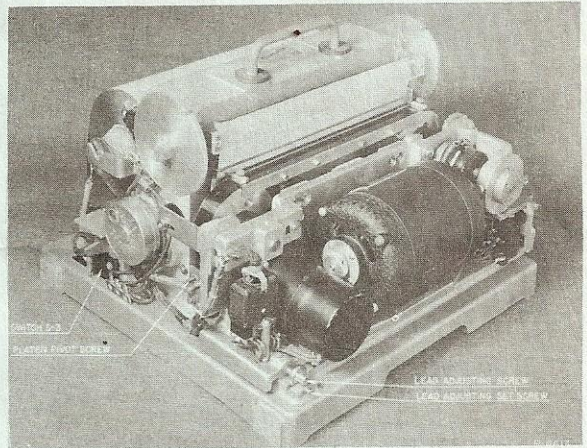
Size: 12" wide x 12" long x 8" high

Units are complete and checked for motor operation. All units removed from commercial service.

FAX RECORDER ..... Cat. #88A

FAX PAPER (ROLL) ..... Cat. #88A

FAX RECEIVER MANUAL ..... Cat. #88B



### FAX PREAMPLIFIER

These units were used with the FAX TRANSMITTERS to amplify the modulated AC (audio) signal, and provide an impedance match between the high impedance phototube output circuit and the low impedance connecting cable. The low level photocell signals are given a 35 decibel gain at 2500 cps. The preamplifier gain control permits accurate adjustment of the output.

Units sold complete with Schematic but not checked.

FAX PREAMPLIFIER ..... Cat. #89A

### REGULATOR INVERTER

This unit includes the functions of an auxiliary preamplifier, a signal level regulator, and a signal inverter. Also provides plate voltage supply for Preamplifier if used with transmitting equipment.

Units sold complete with Schematic but not checked.

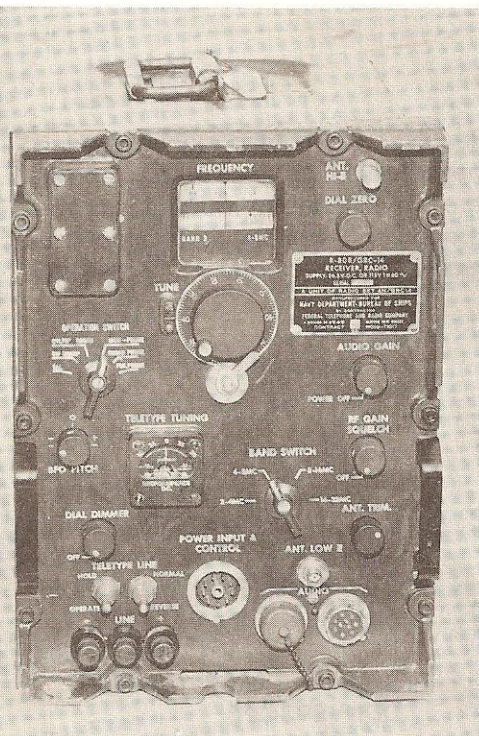
FAX REGULATOR INVERTER ..... Cat. #89B

### FAX AMPLIFIER

This unit amplifies the modulated audio-frequency signals to the level which permits them to be recorded on the FAX RECORDER (stand alone type). Units sold complete with Schematic but not checked.

FAX AMPLIFIER ..... Cat. # 89C

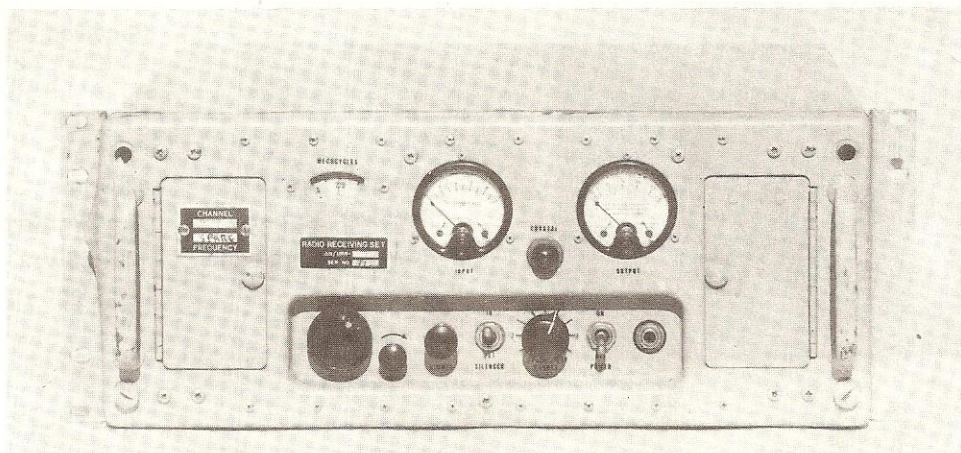
# TELETYPE RECEIVER



The GRC-14 receiver is a continuously tuneable receiver covering 2 to 32 MHz with a Teletype converter for FSK reception built into the unit. This receiver was designed for RTTY reception and has a Meter for Teletype Tuning, Hold-Operate, and Normal-Reverse Line switches. Selective bandwidth of either broad (700 Hz) or sharp (350 Hz) provided. Receiver has a Crystal Calibrator, BFO Pitch Control, Antenna Trimmer and operates from either 115 VAC 60 cycle or 26.5 DC.

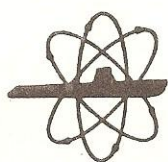
|  |   |
|--|---|
| Frequency Range:                               | 2 to 32 MHz, continuous   |
| Tuning Bands:                                  | Band 1: 2 to 4 MHz    Band 2: 4 to 8 MHz<br>Band 3: 8 to 16 MHz    Band 4: 16 to 32 MHz                               |
| Type Receiver:                                 | Superheterodyne (double conversion on bands 3 and 4)  |
| Shift Range:                                   | 100 to 1000 cycles.   |
| Intermediate Frequency:                        | 455 KHz and 1500 KHz  |
| Type of Reception:                             | A1 (CW), A2 (MCW), A3 (AM PHONE) F1 (FSK)   |
| Crystals:                                      | 3   |
| Squelch Circuit:                               | Cuts off the audio amplifier in the absence of an RF input signal. (Turns on transmitter when using relay operation.) |
| Receiver input:                                | 300 Ohms (HI-Z), 50 Ohms (LOW-Z)  |
| Output:  | 600 Ohms  |
| Power Requirements:                            | 115 Volts, 60 cycle AC or 26.5 V DC   |
| Size:  | 13" high, 10" wide, 17" Deep  |
| Shipping Weight:                               | 75 pounds   |
| Receivers are sold complete - repairable ..... | Cat. No. R7    \$179.00   |
| Manual .....                                   | Cat. No. R7M    \$ 25.00  |

## URR-35 RECEIVER 225-400 MHz

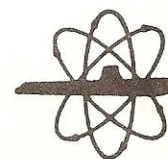


A 225-400 MHz receiver for reception of AM (A-3) and MCW (A-2) transmissions. One tuning control provides continuously variable manual tuning to any frequency. Provision made for fixed frequency crystal use. Receiver is dual conversion type (superheterodyne) with 1st IF of 18.6 MHz and 2nd IF 1.775 MHz. Antenna input impedance 50 ohms, audio output 60 mw into 600 ohms. Receiver has built in power supply and requires 105-125 Volts 50/60 Hz. Size is 8-1/2 x 17-1/2 x 19-1/8., weight 55 lbs.

|                                       |                       |
|---------------------------------------|-----------------------|
| Repairable .....                      | Cat. # R4    \$69.00  |
| Checked .....                         | Cat. # R5    \$109.00 |
| Technical Manual (reproduction) ..... | Cat. # R5M    \$15.00 |

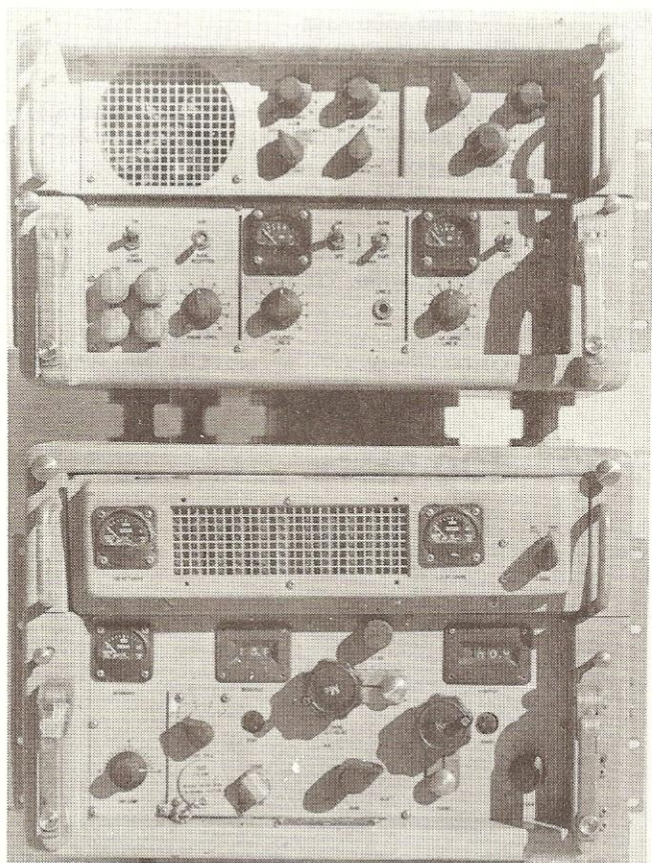


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# 2-32 MHz COMMUNICATIONS RECEIVER

AN/FRR-59A is a Triple Conversation, General Coverage Communications Receiver. It provides many modes of reception, with simultaneous modes of operation possible. The set is extremely stable, has excellent selectivity and gain and uses digital tuning. Tuning meters for 100 KC and .5 KC Tuning are provided along with audio output and resonance tuning meters. Selectivity switch allows .350, 1.0, 3.0 or 12 KCs Bandwidth, while additional controls for B.F.O., Noise Limiter, AGC, Antenna comp., R.F. gain, A.F. level control enables the set to copy under marginal conditions.



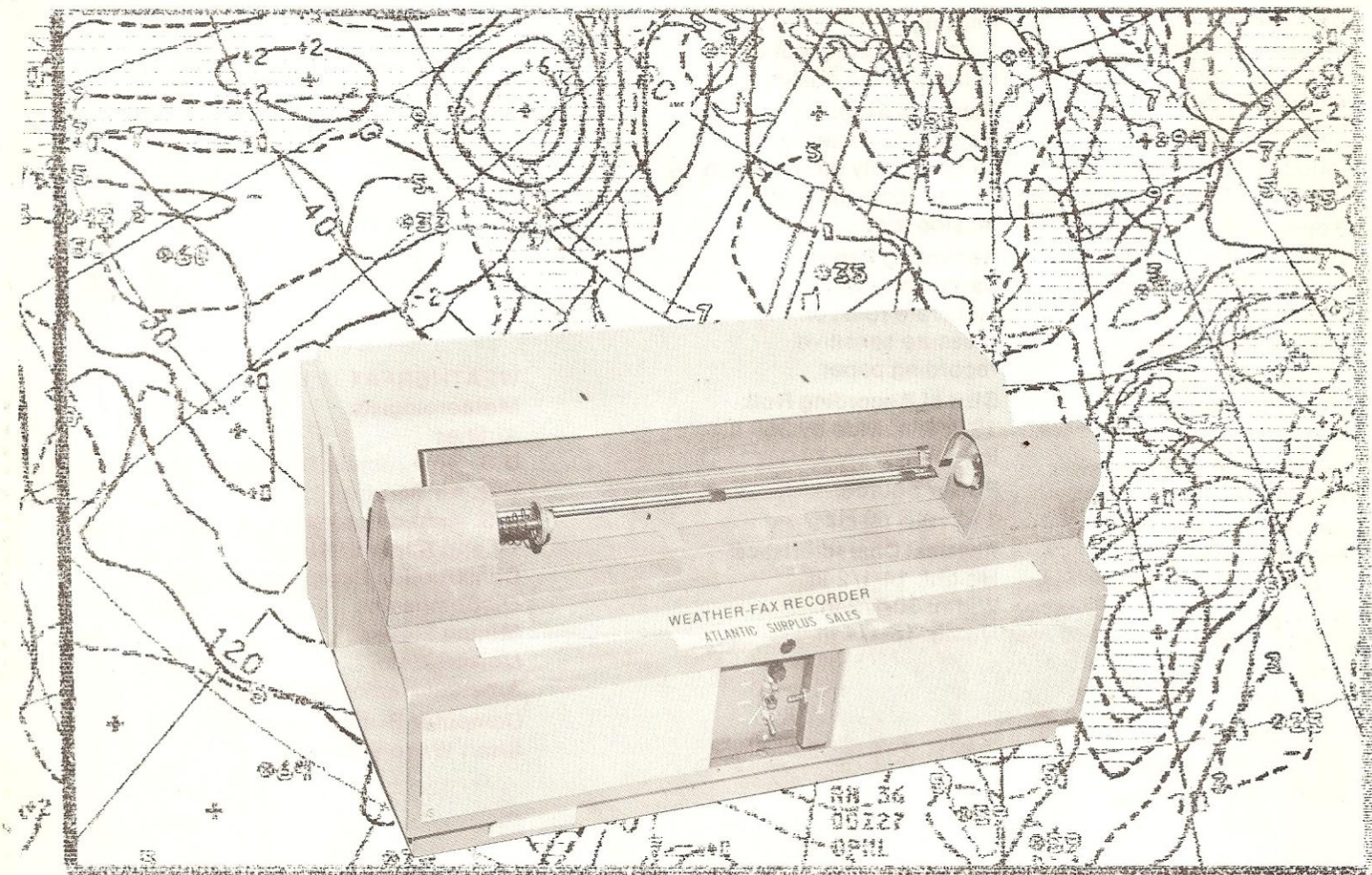
|                         |  |
|-------------------------|--|
| Frequency Range:        | 2 to 32 MHz continuous, or incremental in 0.5 KHz steps. Digital Tuning. Reads to 100 cycles                             |
| Tuning Bands:           | Band 1: 2-4 MHz Band 2: 4-8<br>Band 3: 8-16 MHz Band 4: 16-32  |
| Type of Receiver:       | Superheterodyne (TRIPLE CONVERSION)  |
| Frequency Stability:    | One Part in $10^7$ per day (one cycle in 10 Mc)  |
| Intermediate Frequency: | (IF) 1635-1725 KHz<br>220 KHz and 80 KHz   |
| Type of Reception:      | Receives LSB-Lower Sideband<br>Receives USB-Upper Sideband<br>A1 (CW), A2 (MCW)<br>A3 (AM PHONE)<br>F1 (FSK)<br>F4 (FAX) |
| Receiver Input:         | 50 Ohms  |
| Receiver Output:        | 15 MW into 600 ohms  |
| Power Requirements:     | 105-125 VAC 50/60 Hz (250 Watts)   |
| Size:                   | 25" x 22" x 24" inches   |

|  |                         |
|--|-------------------------|
| Receivers are sold complete - repairable ..... | Cat. No. R8 - \$295.00  |
| Receiver in checked condition .....            | Cat. No. R9 - \$475.00  |
| Manual (Complete) .....                        | Cat. No. R9M - \$ 19.50 |

*Atlantic Surplus Sales*

*Radio - Electronics - Telephone - Teletype - Fax - Equipment*

# FACSIMILE WEATHER MAP RECORDER

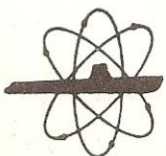


## A FAX RECORDER THAT WRITES ON PLAIN WHITE PAPER

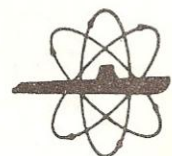
The WEATHERFAX RJ-4 is a continuous type facsimile recorder which automatically records copy from messages sent by facsimile over a telephone line or received by a radio (with a Fax converter or without the converter with reduced quality). A permanent recording is made directly on plain white paper which requires no processing. The recorder uses a dry carbon transfer recording process which yields sharp black lines on the white paper. Copy is recorded on paper from a 19 1/8 inch wide roll and feeds out at the top of the recorder. The copy can be seen while it is being recorded.

The recorder is ideal for use when it is desired to receive a message in the same form as the original. Although the recorder was designed for Weather Map recording, it can receive messages in any other form with a maximum width of 18 1/2 inches and any length.

High-quality components are used in this recorder to assure maximum reliability. Servicing is simplified by making use of a hinged front section which swings forward to allow access to all the electronic sections. Two additional snap lock panels provide access to the remaining sections.



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Tel: (212) 372 - 0349



# WEATHER-FAX RECORDER

## MACHINE SPECIFICATIONS:

**Recording:**

120 lines/minute  
(60 or 90 lines/  
minute optional)

**Lines Per Inch:** 96

**Index of Cooperation:**

576 (CCITT) 1820 (IEEE)

**Speed Control:**

Synchronous Motor  
controlled by precision  
fork oscillator

**Input Signal Level:**

-6 to -36 dbm

**Input Impedance:**

600 ohms

**Type of Signal Modulation:**

Amplitude modulation

**Modulation Polarity:**

Maximum density on  
maximum signal level

**Signal Contrast:**

12 to 20 db

**Power Consumption:**

160 watts

**Level Control:**

Automatic level control,  
adjusts during copy

**Phasing:**

Automatic on reception  
of transmitted pulses

**Start and Stop:**

Recording cycle starts  
automatically on reception  
of start tone and stops  
on stop tone

**Recording Paper:**

Carbon and white  
(separate rolls) or  
pressure sensitive  
recording paper

**Size of Recording Roll:**

19-1/8 in. wide by 350 ft.  
long.

**Power Source:**

115 volts 60 Hz

**Physical Characteristics:**

Height: 14-1/2 in.  
Width: 30-1/2 in.  
Depth: 18-1/4 in.

**WEATHERFAX IS USED BY:**

Meteorologists

Airlines

U.S. Government Bureau of Reclamation

U.S. Air Force

U.S. Armed Forces

TV and Radio Stations

Construction Companies

Oil Companies

Mining Firms

Universities

Amateur Radio Operators

Computer Buffs

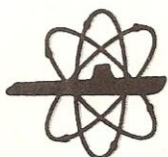
Short Wave Listeners

All Weather-Fax Machines are used and are sold **AS IS** unless their condition is specified. We will attempt to ship only complete machines that appear operational, however there is no warranty expressed or implied.

|  |             |          |
|--|-------------|----------|
| Weather-Fax RJ-4 AS IS .....   | Cat. No. F1 | \$199.50 |
| Technical Manual .....   | Cat. No. F2 | \$ 14.50 |
| Weather-Fax RJ-4 - Tested machine in operating condition.<br>Will need Electrical and Mechanical adjustments. ....           | Cat. No. F3 | \$299.00 |
| Weather-Fax RJ-4 Completely tested and adjusted machine.<br>(Phasing adjustment not done) Machine comes with test copy. .... | Cat. No. F4 | \$495.00 |
| Roll Paper - Box of 4 Rolls (2 white and 2 carbon) .....   | Cat. No. F5 | \$ 44.75 |
| Take Up Reel - In addition to the one supplied .....   | Cat. No. F6 | \$ 24.50 |

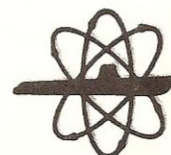
We can supply spare parts (new - used) for the RJ-4. Our Paper is fresh stock manufactured by a local mill.

There is a \$10.00 packing fee on all Weather-Fax Machines. Machines are shipped via common carrier, freight charges collect. You pay shipping charges when your machine arrives. New York State residents please include Sales Tax. Prices subject to change.



*Atlantic Surplus Sales*

3730 Nautilus Avenue • Brooklyn, New York 11224  
Tel: (212) 372 - 0349



Cat. #

## PRICE SHEET

REVISED APRIL, 1981

|      |                   |         |
|------|-------------------|---------|
| G- 1 | M-14 reperf. .... | \$18.50 |
| G- 2 | M-14 reperf. .... | 22.50   |
| G- 3 | M-14 reperf. .... | 19.75   |
| G- 4 | M-14 reperf. .... | 21.50   |
| G- 5 | M-14 T.D. ....    | 18.75   |
| G- 6 | M-14 T.D. ....    | 26.75   |
| G- 7 | M-14 T.D. ....    | 16.50   |
| G- 8 | M-14 T.D. ....    | 23.75   |
| G- 9 | M-14 T.D. ....    | 19.75   |
| G-10 | M-14 T.D. ....    | 18.75   |
| G-11 | M-14 T.D. ....    | 22.50   |
| G-12 | M-15 & 19 ....    | 19.50   |
| G-13 | M-15 & 19 ....    | 26.75   |
| G-14 | M-15 & 19 ....    | 23.50   |
| G-15 | M-15 & 19 ....    |         |
| G-16 | M-28 fiber ....   | 38.90   |
| G-17 | M-28 fiber ....   | 34.60   |
| G-18 | M-28 fiber ....   | 32.00   |
| G-19 | M-28 nylon ....   | 18.30   |

|      |                 |       |
|------|-----------------|-------|
| G-20 | M-28 nylon .... | 20.30 |
| G-21 | M-28 nylon .... | 10.50 |
| G-22 | M-28 ....       | 34.50 |
| G-23 | M-28 ....       | 28.00 |
| G-24 | M-28 ....       | 27.00 |
| G-25 | M-28 T.D. ....  | 9.75  |
| G-26 | M-28 T.D. ....  | 16.75 |
| G-27 | M-28 T.D. ....  | 18.75 |
| G-28 | M-28 ROTR ....  | 16.50 |
| G-29 | M-28 ROTR ....  | 16.25 |
| G-30 | M-28 ROTR ....  | 19.00 |
| G-31 | M-28 LPR ....   | 27.00 |
| G-32 | M-28 LPR ....   | 27.00 |
| G-33 | M-28 LPR ....   | 19.00 |
| G-34 | M-32 & 33 ....  | 15.00 |
| G-35 | M-32 & 33 ....  | 15.00 |
| G-36 | M-32 & 33 ....  | 15.00 |
| G-37 | M-32 & 33 ....  | 15.00 |

*Atlantic Surplus Sales*

*Radio - Electronics - Telephone - Teletype - Fax - Equipment*

# PRICE SHEET

Cat. #

|     |  |        |
|-----|--|--------|
| 1A  | Roll paper                                   | 3.75   |
| 1B  | Roll paper (case)                            | 29.50  |
| 1C  | Roll paper (bond)                            | 4.75   |
| 1D  | Roll paper (case)                            | 46.00  |
| 1E  | Roll paper (sprocket)                        | 6.75   |
| 1F  | Roll paper (case)                            | 65.00  |
| 2A  | Perforator tape (Box of 10 Rolls)            | 6.90   |
| 3A  | Perf. tape (Case of 40 rolls)                | 24.80  |
| 4A  | Ribbons red/black                            | 1.50   |
| 4B  | Ribbons red/black (Package of a dozen)       | 12.00  |
| 5A  | Ribbons black or purple                      | 1.00   |
| 5B  | Ribbons black or purple (Package of a dozen) | 8.00   |
| 11A | LO-15 KSR                                    | 195.00 |
| 12A | LO-15 ASR                                    | 285.00 |
| 13A | LO table                                     | 15.00  |
| 20A | Model 15 KSR                                 | 120.00 |
| 21A | Model 15 RO                                  | 95.00  |
| 22B | Keytops                                      | .50    |
| 23C | Window glass                                 | 3.50   |
| 24C | Type bars                                    | 1.00   |
| 25C | Paper crank                                  | 12.50  |
| 26C | Model 15 cr strap                            | 1.85   |
| 26E | Fuse holder                                  | 1.95   |
| 26F | Spare fuses                                  | .25    |
| 27C | M-15 Paper spindle (wood)                    | 3.00   |
| 27D | M-15 spindle (metal)                         | 4.00   |
| 27E | M-32-33 Paper spindle                        | 3.00   |
| 27F | M-32-33 Perf. tape spin.                     | 2.75   |
| 27G | M-28 or 35 Paper spin.                       | 4.75   |
| 28A | Test set TS2-TG                              | 39.95  |
| 28B | Tech. manual                                 | 5.00   |
| 29A | M-14 T.D. cover                              | 4.95   |
| 29B | M-14 Typing reperf cover                     | 4.95   |
| 29C | Model 15 KSR cover                           | 19.50  |
| 29D | Model 15 RO cover                            | 19.50  |
| 29E | Model 19 KSR cover                           | 22.50  |
| 29F | Model 28 Table top cover                     | 58.50  |
| 29G | Model 28 Floor stand cabinet                 | 68.50  |
| 29H | Model 28 ASR cabinet                         | 60.00  |
| 31A | Motor  | 16.50  |
| 32A | Keyboard                                     | 28.50  |
| 33A | Answerback attachment                        | 15.50  |
| 34A | Transmitter dist                             | 49.00  |
| 35A | Typing reperf. with keyboard                 | 68.00  |
| 36A | Typing reperf. less keyboard                 | 60.00  |
| 41A | Model 19 set                                 | 169.00 |
| 42A | Model 19 table                               | 40.00  |
| 43A | Power supply                                 | 19.00  |
| 44A | Power supply                                 | 10.00  |
| 45A | Pot  | 1.50   |
| 51A | Electric paper winder                        | 39.00  |
| 52A | Paper holder                                 | 8.50   |
| 53A | Tape reels                                   | 1.50   |
| 54A | Test scope                                   | 59.00  |
| 61A | 28 ASR                                       | 395.00 |
| 61B | 28 ASR                                       | 295.00 |

Cat. #

|      |                            |        |
|------|----------------------------|--------|
| 62A  | 28 KSR                     | 295.00 |
| 63A  | 28 KSR                     | 350.00 |
| 64A  | 28 RO                      | 275.00 |
| 65A  | 28 RO                      | 290.00 |
| 66A  | 28 Motor                   | 20.00  |
| 67A  | 28 Motor                   | 25.00  |
| 70A  | 28 LPR for ASR Underdome   | 175.00 |
| 70B  | 28 LT PE for ASR Underdome | 65.00  |
| 71A  | 28 LPR Head                | 50.00  |
| 72A  | 28 LXD T.D.                | 125.00 |
| 73A  | M-38 KTR                   | 149.00 |
| 74A  | M-28 ROTR                  | 119.00 |
| 74B  | M-28 ROTR w/3 speed        | 149.00 |
| 81A  | FAX machine                | 59.00  |
| 81B  | FAX machine lots of three  | 48.00  |
| 81C  | FAX tech. manual           | 5.00   |
| 81SC | Specialized comm. hndbk.   | 5.00   |
| 82A  | FAX paper                  | 5.00   |
| 83A  | Recording drum             | 8.00   |
| 84A  | Tape reader                | 10.00  |
| 87A  | FAX transmitter            | 75.00  |
| 87B  | FAX trans. manual*         | 5.00   |
| 88A  | FAX recorder               | 75.00  |
| 88A  | FAX paper (roll)           | 10.00  |
| 88B  | FAX receiver manual        | 5.00   |
| 89A  | FAX preamplifier           | 9.00   |
| 89B  | Regulator inverter         | 14.00  |
| 89C  | FAX amplifier              | 14.00  |
| 91A  | Electric paper winder      | 65.00  |
| 92A  | Mechanical tape winder     | 39.00  |
| 93A  | 3 Printed circuit bds      | 2.00   |
| 141B | 32 ASR                     | 595.00 |
| 142B | 32 ASR                     | 590.00 |
| 143B | 32 KSR                     | 375.00 |
| 144B | 32 KSR                     | 395.00 |
| 145B | 32 RO                      | 285.00 |
| 146B | 33 ASR                     | 350.00 |
| 147B | 33 KSR                     | 225.00 |
| 148B | 33 RO                      | 175.00 |
| 149B | 35 ASR                     | 550.00 |
| 150B | 35 KSR                     | 450.00 |
| 151B | 35 RO                      | 325.00 |
| 191A | Jack panel                 | 29.00  |
| 192A | Patch panel                | 12.00  |
| 193A | Jacks                      | 1.50   |
| 194A | Blowers                    | 18.50  |
| 195A | Rack cabinets              | 70.00  |
| 196A | Printed circuit bd. hld.   | 9.50   |
| 197A | 120 VPS tuning fork        | 3.50   |
| 198A | 96.19 VPS tuning forks     | 3.00   |
| 199A | Motor                      | 30.00  |
| 201A | Terminal TH-5TG            | 49.50  |

REVISED APRIL, 1981

**IMPORTANT:** Please include \$10.00 for packing on all orders for Page Printers.

*Atlantic Surplus Sales*

*Radio - Electronics - Telephone - Teletype - Fax - Equipment*

# ORDER

*Atlantic Surplus Sales*

Date \_\_\_\_\_

Rush to (please print) \_\_\_\_\_

Name \_\_\_\_\_ 3730 Nautilus Avenue Telephone: \_\_\_\_\_  
 Brooklyn, New York 11224 (212) 372-0349

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ ZIP Code \_\_\_\_\_ Is this your first order? \_\_\_\_\_

| How Many | Description and Catalog No. | Price Single or Quantity | Total Price |
|----------|-----------------------------|--------------------------|-------------|
|          |                             |                          |             |
|          |                             |                          |             |
|          |                             |                          |             |
|          |                             |                          |             |
|          |                             |                          |             |
|          |                             |                          |             |
|          |                             |                          |             |
|          |                             |                          |             |
|          |                             |                          |             |

Residents add Sales Tax

Phone \_\_\_\_\_ Add \$1.00 handling for Orders under \$5.00

Total

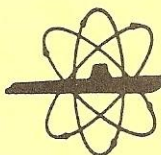
TO SERVE YOU BETTER PLEASE ADVISE HOW EQUIPMENT IS BEING USED.

(Please check)

Ham Radio \_\_\_\_\_ Microcomputer \_\_\_\_\_ Commercial \_\_\_\_\_

**The better the equipment  
the better you'll be equipped.**

*Atlantic Surplus Sales*



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