

Autelco-Gray PAYSTATIONS



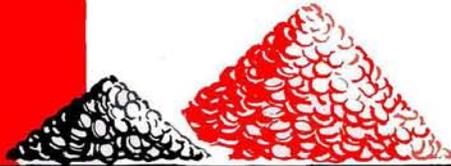
CATALOG 4078-A

AUTOMATIC  ELECTRIC

FOR NEW REVENUE

PUT IN *Paystations*

AVERAGE REVENUE



SUBSTATION

PAYSTATION

Many telephone companies have made sizable additions to their exchange revenues with relatively small addition to plant investment — simply by bringing telephone service to “the man in the street,” and letting him pay for it. Through Autelco-Gray paystations, installed in convenient public and semi-public locations, they have made it easy for anyone to make a telephone call without “borrowing” a private telephone. And they have found that it pays in public good-will and in revenue.

Autelco-Gray paystations handle, on the average, two to ten times the traffic of the average subscriber station — and every call is paid for *in cash!* Thus, paystations pay for themselves in a brief operating period — and then go right on, bringing in highly welcome revenue!

Profit from the experience of the many companies that now use Autelco-Gray paystations. Decide to get your share of these paystation revenues. You will find in this catalog everything you will need.

Three Styles Meet All Needs:

1. **Completely Self-Contained**—These paystations are regularly fitted with complete telephone transmission equipment (but no ringer). If it is desired to permit incoming calls, these paystations may be used with ringer boxes.
2. **For Use with Ringer Box**—Equipped with telephone handset (or transmitter and receiver) for use with a ringer box containing all other transmission equipment (induction coil, condensers, etc.).
3. **“Attachment” and “Compact” Types**—Provide “coin-collecting” facilities only, for use with existing telephone instruments or transmission components for manual service.



Here are the Simple Secrets of **SUCCESS**



From the telephone companies who have made “a good thing” of paystation service, we pass on the following suggestions:

Install Enough Paystations

Look over your community, and install paystations in every convenient public or semi-public location. In drug stores, railroad depots, airports, bus stations, gas stations and garages, of course. But also in other spots—industrial plants, for example, where they are welcomed by employees and management alike. And don't overlook the lobby of your telephone building!

Provide Comfortable Paystation Facilities

A handy shelf, a telephone directory conveniently at hand, a telephone booth to insure privacy and easy hearing, a good light, a comfortable seat, a ventilating fan—any or all of these provisions for the user's comfort will increase use of your paystations. (Typical paystation booths are shown on page 15.)

Use Good Signs in the Right Places

Use “Public Telephone” signs liberally—not only to tell “out-of-towners” where paystations are located, but also to remind local residents (and your own subscribers) of your public telephone service. (Attractive signs for this purpose are shown on page 15.)



Discourage “Borrowing” of Private Telephones

By installing a comfortable paystation in a store or other place of business (and, if necessary moving the business telephone to a spot less accessible to the public) you can quickly turn “telephone borrowers” into *paying* telephone users! Your business subscribers will help, too, when they realize the danger of missing important incoming calls while the telephone is being “borrowed.”





The first question that must be answered when paystations are to be ordered is "Should we have paystations of the prepay, the semi-postpay, or the postpay type?" For the telephone man who has never used paystations, these terms may prove somewhat confusing, so an understanding of these terms is necessary before paystations can be chosen for use in any given exchange.

Generally speaking, *prepay* service is the most desirable in either an automatic or a manual exchange. It is faster, more satisfactory to both the calling and the called party, and makes for most efficient use of the exchange facilities. It does, however, require a larger investment in special central-office equipment and therefore cannot always be justified. As second choice, the semi-postpay type is recommended for automatic exchanges, and the postpay type for manual exchanges (the latter type is available for conversion to automatic operation—either prepay or semi-postpay). For small towns with manual equipment, where receipts from each individual paystation will be small, the inexpensive "attachment" or "compact" type paystations will serve very well; they permit only postpay service, however, and do not provide for conversion to automatic operation.

PREPAY—With these paystations, a coin must be deposited *before* the telephone can be used; the coin causes the ground switch in the paystation to be closed, and permits use of the telephone.

On local calls, the deposited coin is collected if the called station answers; coin is refunded if connection is not completed (or if the call is to Fire, Police, Information or other "free" numbers, as pre-arranged at the central office). In automatic exchanges, collect and refund is automatic; in manual exchanges, it is operator-controlled, through "Collect" and "Refund" keys.

On toll calls in automatic exchanges, the calling party dials the operator, who receives a visual or audible signal

indicating that the call is from a paystation. The operator refunds the deposited coin, and proceeds to complete the desired connection. She may ask for the coins representing the toll charge to be deposited at any time (preferably before setting up the connection) and may collect or refund them at will through the operation of the "Collect" and "Refund" keys.

NOTE—Prepay paystations may also be used with special "paystation repeater" circuits arranged to permit connection to "free" lines (and, if desired, to the toll operator) without depositing a coin.

POSTPAY—As the name indicates, payment for calls is made *after* connection has been established. The calling party simply lifts the paystation handset and signals the operator in the usual way. Since coins are not deposited until after connection has been established, it is not necessary to provide for refunding of coins—they simply drop directly into the coin receptacle.

This method of operation is used where the simplest paystation equipment is required; no coin-collecting facilities are needed, but the services of the operator are required to call for the deposit of the coin or coins.

The central-office equipment is usually arranged to give the operator a special audible signal to indicate that the call is from a paystation. The operator simply completes the connection to the desired party. On calls for which a charge is made, she requests deposit of coin or coins before she connects the called and calling lines. She checks deposit of coins through audible coin signals.

NOTE—Since, in automatic exchanges, the dial provides for calling any local party or the toll operator without depositing a coin, these types of paystations cannot be used in automatic exchanges unless local service is provided free. However, if installed in a manual exchange, they can be converted to automatic Semi-Postpay (see page 5) or to manual or automatic Prepay operation at any time the central-office equipment is changed. Choose the paystation that meets both present and future requirements.

SEMI-POSTPAY (REVERSE-BATTERY)—This method of operation is used only with automatic exchanges which provide for reversal of transmission battery when the called party answers; it permits collection of charges for local paystation service without the aid of an operator. Toll calls are handled on a postpayment basis by the operator.

On local calls, the caller dials the desired number without dropping a coin. When the called party answers, current is reversed on the calling line, operating a relay in the paystation, which makes the transmitter inoperative. The calling party can hear the called party answer, but must deposit a coin to unlock the transmission circuit.

On toll calls, the toll recording number is dialed without dropping a coin; the central-office equipment is usually

arranged to give the toll operator a special audible signal to indicate that the call is from a paystation. She calls the desired party, but requests deposit of coins before connecting the calling and called lines. She checks deposit of coins through the coin signals.

If it is desired to permit free calls to Fire, Police, Information or other special-service numbers, the central-office connections may simply be arranged so that when these lines are called the current supply to the calling line is not reversed.

NOTE—Semi-postpay operation can be provided also by marginal-relay operation—see paystation Types 99 and 150UJ in listing below.

PAYSTATION

CHECK LIST

TYPE	USE IN MAGNETO EXCHANGES	USE IN MANUAL EXCHANGES	USE IN AUTOMATIC EXCHANGES	SELF-CONTAINED	PREPAY	SEMI-POSTPAY	POSTPAY	REQUIRES SPECIAL CENTRAL-OFFICE CONTROL EQUIPMENT	CONVERTIBLE TO PREPAY	CONVERTIBLE TO SEMI-POSTPAY
THE "34A" SERIES										
34A9		X	X		X			X		
34A9P2		X					X		X	
34A11			X			X				
34A11P2		X					X			X
THE "60" SERIES										
62*		X	X	X	X			X		
64		X		X			X		X	
66			X	X		X				
68		X		X			X			X
THE "90" SERIES										
92*		X	X	X	X			X		
94		X		X			X		X	
96			X	X		X				
98		X		X			X			X
99†			X	X		X		X		
THE "150" SERIES										
150GJ*		X	X		X			X		
150KJ	X	X					X		X	
150UJ+			X			X		X		
ATTACHMENT AND COMPACT TYPES										
11	X	X					X			
11A	X	X					X			
11J	X	X					X			
23D	X	X					X			
23J	X	X					X			

*Types 62, 92 and 150GJ can be ordered for use with automatic or manual exchanges.

†Requires marginal-relay equipment at central-office.

PAYSTATION MECHANISM

BY

AUTOMATIC  ELECTRIC

The housings and coin-collecting mechanisms of Autelco-Gray paystations are made by Automatic Electric to the high standards developed during more than a half century of experience in manufacturing exacting telephone apparatus.

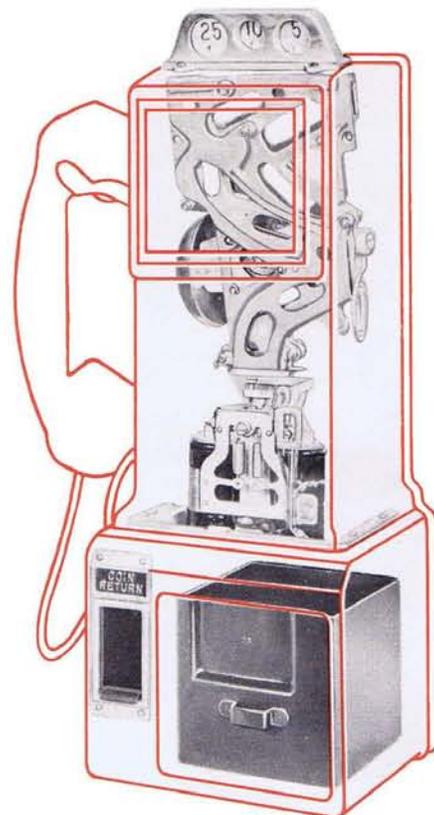
Coin Chute "Checks" Each Coin Deposited

Coins are deposited in the *Coin Gauge*, which is machined to accurate size to admit U.S. nickels, dimes and quarters. Special coin gauges and coin chutes can be supplied for other coinages (see page 13). This preliminary gauging for size is completed in the *Coin Chute*, which automatically returns to the user any coins that may be deposited in the wrong slot.

The coin chute also serves three other purposes: (1) It directs each coin against its proper gong to give the operator the coin signals; (2) It rejects undersized slugs, which are tripped out through an opening in the chute and returned to the user; (3) It provides "string traps" to prevent the withdrawal of coins suspended on strings; when the string is pulled to remove the coin, these traps break the string, and the coin, with the broken string attached, passes down the chute and into the *Coin Receptacle*.

Cash Compartment Provides Complete Protection

The standard coin receptacle is simply a drawer, stamped and drawn of heavy sheet steel and finished in black japan ("Self-locking" types are also available—see page 12). It has a capacity of approximately \$30.00 and is protected in the *Cash Compartment* at the bottom of the paystation. This compartment has a door of heavy steel, electrically welded and hardened and then rigorously inspected (including a tensile test of 400 pounds on each of the welds). The door is fitted with a specially made lock which provides utmost protection through a unique combination of tumbler and flat-lever construction



and a hardened front that resists drilling. The lock is protected also by the design of the keyhole, which is not made round, but is cut only in the arc through which the key rotates, so that two projections are left extending over the lock to protect it against the use of a drill or drift.

Coin-Return Pocket Discourages Tampering

Rejected or refunded coins are returned to the paystation user through a *Coin-Return Pocket*, which is especially designed to discourage blocking or stuffing. Any paper placed in the coin passage to stop returned coins will instead be carried out along with the coins into the coin-return pocket.

Coin-Signal Transmitter Aids Operator

A *Coin-Signal Transmitter*, fastened to a bracket that mounts directly on the coin chute, transmits not only the gong signals but also the sounds of the falling coins. These sounds help the operator to discriminate between true coin signals and other noises which may be made by tapping on the paystation, etc. The housing of the paystation mechanism is locked to prevent tampering. All these locks are alike, and an adequate number of keys is supplied with each shipment of paystations.



AUTOMATIC  **ELECTRIC**

KELLOGG

Graybar

NORTH

LEICH

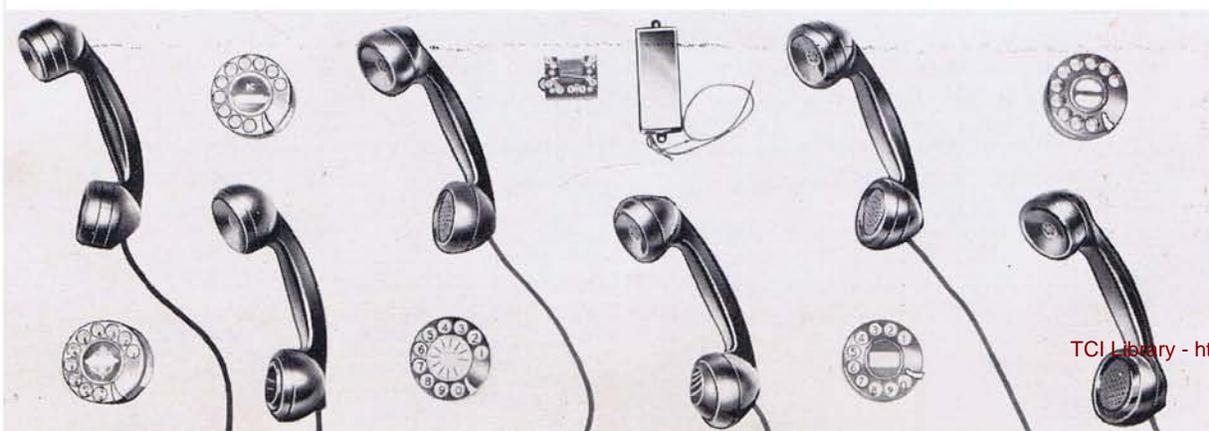
STROMBERG-CARLSON

all **STANDARD
TYPES OF
TELEPHONE EQUIPMENT**

The modern types of Autelco-Gray paystations are comparable in every way to the finest of modern telephone instruments. In fact, they are designed for association with these instruments, and can be supplied with telephone components manufactured by any Autelco-Gray distributor. Thus, you install paystations that use the telephone maintenance parts kept in your telephone stockroom, and are therefore easily maintained by your repairman.

The "34A," "60" and "90" series are regularly supplied with transmission components; any of the other types can be factory-equipped if specified. This offers all the advantages of a complete factory-assembled and tested unit, ready for installation.

Paystations of the handset type are regularly supplied; they are especially recommended because they provide greater convenience and transmission efficiency, and solve the problem of mounting the transmitter at the best height for all users. However, on special order, paystations can be equipped with hand-receivers and swivel-mounted transmitters, if desired.



These four series of Paystations meet most needs

You may choose from four series of modern "standard" Autelco-Gray paystations—two that are self-contained and two that require ringer boxes having a three-winding induction coil. The housings and coin collecting mechanisms of all four series are identical.

The "60" and the "90" series of self-contained paystation include assemblies to meet every requirement of central-battery paystation service. The "60" series paystations are equipped with Automatic Electric induction coil and condenser; the "90" series have Western Electric induction coils and condensers. Paystations of these two series are equipped with handsets and dials as specified.

For telephone companies that have standardized on Autelco-Gray "34A" or "150" series paystations, these series are also listed on the chart on the opposite page. The circuit of the "34A" series requires a dial with a "3-make" shunt-spring combination. This series is equipped with Automatic Electric dials unless otherwise specified. The circuit of the "150" series is designed for a dial with a "make-break" shunt-spring combination. Unless otherwise specified, paystations of this series are equipped with Western Electric dials.

Paystations of the "34A" and "150" series require ringer boxes containing the proper transmission components, and a ringer box cord for connecting the paystation and ringer box. A wiring diagram is included in each paystation.

How to order

It is easy to order paystations to meet your specific requirements:

1. Determine the type of service desired (see page 4).
2. Choose the paystation series (60, 90, 34A or 150) that best meets your requirements (see above).
3. Check the chart on the opposite page to find the type to order. If you anticipate a change in your central-office equipment, be sure to select a type of paystation that can be converted to suit your eventual requirements.
4. When ordering, specify the Type Number *and* the type of service you require.
5. Please specify type of extended number plate desired—the "Letter-Number" type having red numbers, black letters, and "Operator" in "0" space, or the "1" to "0" type having numbers only (with "Operator" in the "0" space).
6. Specify the type or make of telephone components (handset, dial, etc.) with which the paystation is to be equipped.
7. Specify "self-locking coin receptacle," if open type is not desired.

Card holder, coin signal transmitter, locks, etc., will be furnished where required and need not be specified.



AUTELCO-GRAY PAYSTATIONS

SERVICE	OPERATION	THE "60" SERIES	THE "90" SERIES	THE "34A" SERIES	THE "150" SERIES
PREPAY*	Automatic	62*	92†	34A9	150GJ*
	Manual	62*	92†		150GJ*
POSTPAY Convertible to Prepay	Manual	64	94	34A9P2	150KJ
SEMI-POSTPAY (Reverse-Battery)	Automatic	66	96‡	34A11	
POSTPAY Convertible to Semi-Postpay (Reverse-Battery)	Manual	68	98	34A11P2	
SEMI-POSTPAY (Marginal-Relay)	Automatic		99‡		150UJ

*When ordering Type 62 or 150GJ, please specify whether for automatic or manual operation.

†When ordering Type 92, please specify whether for automatic or manual operation. If for automatic, also please specify whether paystation is to be equipped with W.E. Co. or other type dial.

‡When ordering Type 96 or 99, please specify whether

paystation is to be equipped with W.E. Co. or other type dial.

Any Autelco-Gray paystation can be equipped with coin chute that accepts Canadian quarters.

Hand-receivers and swivel-mounted transmitters may be substituted for handsets on any Autelco-Gray paystation but handsets are strongly recommended for best operating results.

Condensed Specifications for Standard Paystations

Automatic or Manual

The standard paystations listed on this page are equipped with handsets, and have special coin-signal transmitters mounted on the coin chutes to pick up the audible signals.

Paystations for use with automatic exchanges are regularly equipped with extended number plate having (a) red numbers, black letters, and "Operator" in "0" space or (b) numbers only (with "Operator" in the "0" space). Please specify your choice. Dial has dial card, chromium-plated finger plate, and blank number plate.

Coin Mechanism

The coin mechanism includes coin gauge and chute for U.S. nickels, dimes and quarters, coin unit, Type 2-A coin receptacle (non-locking type), or Type 6001-B self-locking receptacle if specified, and cash-compartment door with Type 10-L lock. Two keys are provided; all locks are different lock combinations.

The paystation mechanism housing has a separate Type 29-S lock, and an adequate number of keys is supplied with each shipment of paystations (all of these locks are alike).

Instruction Card

Clear and complete directions for using each paystation are provided on an instruction card which is framed under a glass window on the front of the paystation (except that automatic paystations with a fixed transmitter and hand-receiver have the instruction card on top of the paystation housing).

Overall Dimensions

Handset-type paystations are 18¼ inches high, 9 inches wide, and 6 inches deep. Hand-receiver types are 18¼ or 22 inches high; 8½ inches wide; and 8 inches deep. The net weight is approximately 25 pounds; shipping weight is approximately 32 pounds.

Special Assemblies Available

Paystations are assembled to your order and can be equipped with many special features (see pages 12 and 13). To order any of these special assemblies, give Type Number of paystation desired as shown on chart, then specify, "Special with....." giving special features desired.

ATTACHMENT and COMPACT PAYSTATIONS

Here is equipment for the telephone company which must provide paystation service with a minimum investment in special facilities. These "attachment" and "compact" paystations require no special equipment at the central office — the only cost is the cost of the paystations themselves.

"Attachment" paystations fasten to your telephone instruments and convert them to simple paystations. As there are no other connections between the paystation and the telephone equipment, these paystations may be used with magneto as well as central-battery telephones. For use with conventional instruments, they are designed so that the attachment fittings conduct the coin signals *through metal* to the telephone transmitter. For use with handset telephones, paystations are equipped with a signal transmitter, mounted in the paystation and arranged for connection into the transmitter circuit of the telephone.

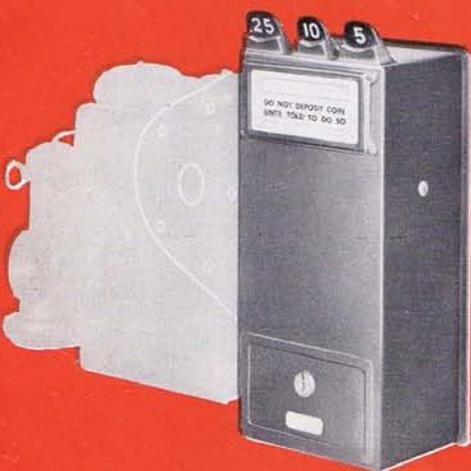
"Compact" paystations are supplied ready to be equipped with standard transmitter and receiver or handset from your own stockroom and require a standard ringer box. Thus, for a relatively low cost, you can assemble a complete paystation. If desired, these compact paystations can be factory-equipped with transmission components as specified.

"Attachment" and "compact" paystations are of the simplest possible construction, having no equipment for coin control or coin return. Both are of the operator-controlled postpay type — the operator must listen for coin signals on those calls for which a charge is made. Deposited coins pass directly into the coin receptacle, and coins deposited in the wrong slot cannot be returned.

The standard coin gauge fits U.S. nickels, dimes and quarters. The coin receptacle is a drawer of heavy pressed steel, locked with the unique Autelco-Gray lock which provides maximum protection against theft. Two keys are provided for each lock (all lock combinations are different).

The paystation mechanisms on all compact type paystations have locks with like combinations. An adequate number of keys for these locks is provided with each shipment of paystations.

FOR MOUNTING BESIDE WALL-TYPE TELEPHONES



TYPE 11

Designed for use with central-battery manual or magneto wall sets having hand-receiver. Paystation is supplied with a mounting plate which extends behind the telephone. With metal wall sets, this plate conducts coin signals through the telephone case to the transmitter; with wooden sets having the transmitter mounted on a backboard, the plate is fastened to the back of the telephone and the coin signals are conducted through one of the screws which mount the transmitter. Shipping weight is 13 pounds.

Type 11 Side-Mounting Wall Paystation

Cash compartment has capacity of approximately \$10.00. Dimensions—Height, 9 inches; width, 4½ inches; depth, 3 inches.

Type 11A

As above, but cash compartment is larger—has capacity of approximately \$13.50. Height is 11 inches.

FOR MOUNTING STANDARD TRANSMITTER & RECEIVER

This paystation is completely equipped with receiver hook and hookswitch, and swiveled transmitter bracket, to mount any standard receiver and transmitter. Thus, within small space you can assemble a complete magneto or central-battery manual paystation requiring only connection to a ringer box or generator. Shipping weight is 20 pounds.

Type 23D Paystation — Wall or Shelf Mounting

With universal mounting plate for mounting on wall or shelf. Cash compartment has capacity of approximately \$20.00. WHEN ORDERING, specify type of transmitter, receiver, and ringer box which will be used (these items are not supplied unless specified). Dimensions—Height, 10½ inches; width, 6 inches; depth, 4¼ inches.



TYPE 23D

FOR USE WITH HANDSETS

These paystations are equipped with a coin-signal transmitter, and may be used to provide modern handset service. They are supplied with “universal” mounting plate to permit either wall or shelf mounting.

Type 11J Paystation for Handset Telephone

A complete unit which may be used with either desk- or wall-type handset telephones—magneto or central-battery. It does not require mechanical connection with the telephone; just connect the signal transmitter in the paystation into the telephone transmitter circuit at the telephone or at the ringer box. Cash compartment has approximate capacity of \$10.00. Shipping weight is 16 pounds. Dimensions—Height, 9 in.; width, 4½ in.; depth, 3 in.



TYPE 11J

Type 23J Handset Paystation

Has cradle hook and wiring for connecting in a handset (not supplied unless specified), thus making a paystation unit which may be used with any standard ringer box containing induction coil, condensers, etc. Cash compartment has capacity of approximately \$20.00. WHEN ORDERING, specify type of handset and ringer box which will be used. Shipping weight is 21 pounds. Dimensions—Height, 10½ inches; width, 6 inches; depth, 4½ inches.

NOTE: The Type 23J paystation is not convertible to automatic, to reverse-battery, or to prepay operation. For similar paystations complete with handset and permitting conversion as desired, see Types 64, 68, 34A9P2 and 34A11P2 on page 9.



TYPE 23J

SPECIAL FEATURES and ACCESSORIES

The special features and accessories on these pages can be supplied with new paystations, or they can be ordered separately for paystations now in service. When ordering one or more of these features for a new paystation, give

Type Number of paystation, then specify, "Special with" giving the Type Number of special feature desired.

Self-Locking Coin Receptacles — Unless otherwise specified, Autelco-Gray paystations provide the standard open-type (No. 2-A) coin receptacle; coins are counted at the paystation premises by the collector. To save the collector's time, and to minimize the handling of money, "self-locking" receptacles can be supplied. These receptacles are equipped with a shutter over the coin opening, which opens to admit coins as the receptacle is inserted into the cash compartment of the paystation, but closes and locks as the receptacle is withdrawn. The collector neither sees nor handles any money—he merely removes one locked coin receptacle from the paystation and replaces it with an empty one. The receptacle is opened at the office, by breaking a lead seal.

Type 6001-A—Self-Locking Coin Receptacle

Receptacle, cover and rail included. Coin capacity about \$25.00.

Type 6001-B—Self-Locking Coin Receptacle

Similar to 6001-A, but with about \$30.00 coin capacity. Handle facilitates removal from paystation.

Type 2-A—Coin Receptacle

Non-locking, for collecting coins in standard Autelco-Gray paystations. About \$30.00 capacity. Furnished as standard equipment unless other type receptacle is specified.

Type 10-L—Coin Box Lock

Furnished as standard equipment for Autelco-Gray paystations. All lock combinations are different, thus providing maximum security. Supplied with two keys.

Type 153-A—Corner Bracket

For mounting all paystations (except attachment and compact types) most accessibly in the corner of a telephone booth or other confined space. Sturdily made of cast iron and finished in black japan. Provision is made for line wires. Shipping weight is about 18 pounds.

Type 139-A—Shelf Bracket

For mounting all paystations (except attachment and compact types) on a horizontal surface such as a shelf or counter. Attractively designed and finished in black japan to match the paystation. An opening is provided for line wires. Shipping weight is about 15 pounds.

Type P-51351—Wood Backboard

For mounting paystation and ringer box. (Not illustrated.)

COIN GAUGE AND CHUTE FOR OTHER COINS

Standard coin gauges and chute fit U.S. nickel, dime and quarter. Chute for Canadian quarter will be furnished on Canadian orders and when specified. Paystations for use with other coins can be supplied to your specifications. Send sample coins or write for complete information.



TYPE 139-A



TYPE 153-A



TYPE 6001-A



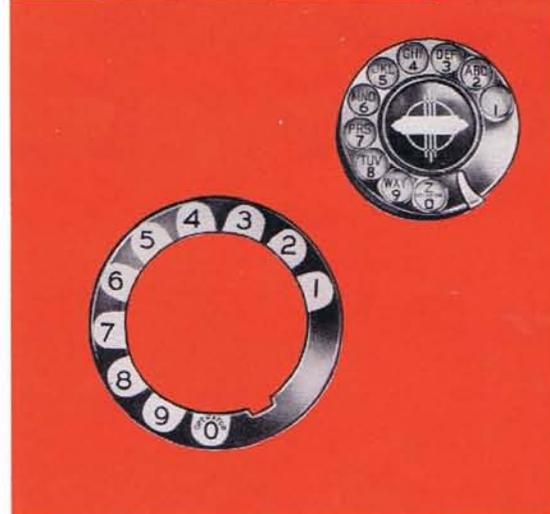
TYPE 6001-B



SPECIAL DIAL AND EXTENDED NUMBER PLATES

Since automatic paystations are always equipped with Extended Number Plates bearing the dial designations, no designations are required on the dial number plate itself; a blank plate is therefore used. A dial number plate corresponding to the Extended Number Plate can, however, be supplied if specified.

You may specify your choice of two types of Extended Number Plates. The type shown on illustrations in this catalog has letters and numbers; in view of the trend toward subscriber toll dialing, we recommend that all telephone companies standardize on this type. However, Extended Number Plates, as shown on the right, having numbers only (with "Operator" in the "0" space) will be supplied on order.



STANDARD ACCESSORIES

Type LD-72—Coin Signal Transmitter

Standard equipment on all handset-type paystations; for picking up coin signal.

Type 50-C—Apparatus Blank Assembly

For mounting direction card on front of standard paystation and covering dial opening on manual types. Furnished standard except where Type 1-B (below) is required.

Type 1-B—Card Holder Assembly

Angle bracket type card holder for mounting on top of standard paystation when Type 50-C cannot be used.

Type P-50,197—Lead Seals

Package of 100. For self-locking coin receptacles.

Type P-50,649—Sealing Tool

For self-locking coin receptacles where lead seals are used. Can be supplied engraved with company designation when specified.

Type P-51,409—"Varistor"

Frequently used in "90" series paystations to eliminate

acoustic shock in receiver caused by switching. Varistor will be mounted in paystation, if specified on order.

RINGER BOXES

Ringer boxes for use with Autelco-Gray paystations are, in general, standard ringer boxes with any desired type of ringing. The exception is Type 34A11 which requires a special ringer box with an extra 2 m.f. condenser. The circuit values of the ringer box should be suited to the type of telephone equipment to be used on the paystation.

The "60" series of paystations require only a ringer in the ringer box and the "90" series require a ringer and ringing condenser. The induction coil and other circuit components are mounted within the paystation. **WHEN ORDERING**, please specify make of telephone equipment with which ringer box is to be used and the type of ringer desired.

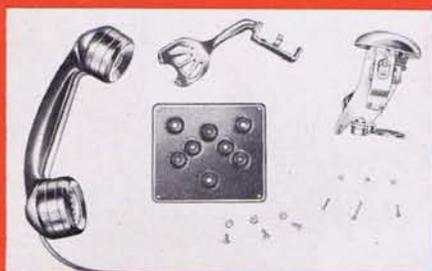


HAVE YOUR PAYSTATIONS REPAIRED OR CONVERTED IN OUR FACTORY

If you have paystations in your stockroom that are out of use because of need for repair or conversion, send them to the Automatic Electric factory. Here they will receive the expert attention of the men who make Autelco-Gray paystations. We have the equipment and the training to make your damaged paystations as good as new. (Paystation repairs and conversions receive immediate attention; thus, you can have them back in service with a minimum non-productive period.) Send paystations and a separate letter of instructions to Automatic Electric Sales Corporation, 1033 West Van Buren Street, Chicago 7, Illinois.

TCI Library - <http://www.telephonecollectors.info/>

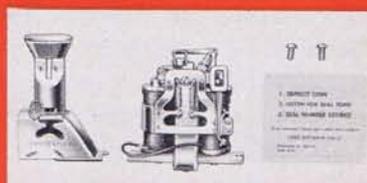
Conversion Kits



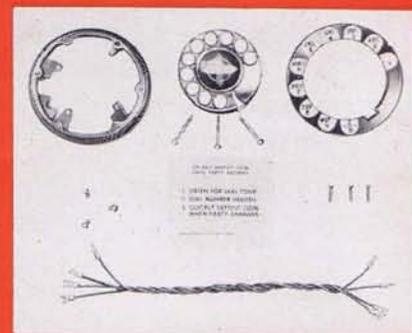
D



A



B



C

Autelco-Gray paystations are designed to permit changes in method of operation with little expense. Complete materials for various conversions are listed below—simply order by Type Number.

A—MANUAL TO AUTOMATIC OPERATION

Convertible paystations can be adapted for automatic operation by simply adding extended number plate and mounting, dial and dial wiring, and new instruction card (and angle bracket for card holder, if for hand-receiver paystation). When ordering, please specify type of dial desired.

Conversion Kit—Manual to Automatic Operation
 Order Type P-70252-B—Prepay, Handset, or
 Type P-70252-D—Prepay, Hand-Receiver

B—MANUAL POSTPAY TO PREPAY OPERATION

Types 64, 94, 39A9P2 and 150KJ can be converted to prepay operation by installing and wiring in the necessary coin-control relay and hopper assembly, and changing the instruction card.

Conversion Kit—Manual Postpay to Prepay Operation
 Order Type P-70254-A—Automatic, or
 Type P-70254-B—Manual

C—MANUAL POSTPAY TO AUTOMATIC SEMI-POSTPAY

Types 68, 98 and 34A11P2 can be converted to semi-postpay operation by installing and wiring in the necessary polarized relay assembly, dial, etc., and changing the instruction card.

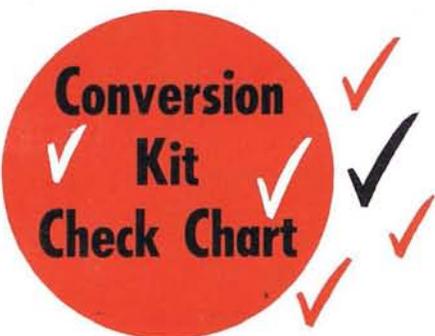
Conversion Kit—Manual Postpay to Automatic Semi-Postpay
 Order Type P-70256 plus P-70252-A

D—HAND-RECEIVER TO HANDSET OPERATION

Paystations with fixed transmitter and hand-receiver are convertible to handset operation by removing transmitter, receiver and switchhook, and installing handset, cradle hook and coin-signal transmitter and bracket assembly. For manual paystations, three black-japanned slotless blanking screws are provided for covering the transmitter holes; for automatic paystations, a plate is provided for mounting instruction card (removed from the top of the paystation) over the transmitter holes. When ordering, please specify type of handset desired.

Conversion Kit—Hand-Receiver to Handset Operation
 Order Type P-70257—Automatic or Manual

TO AVOID ERRORS—When ordering, please specify Type Number of conversion kit, the type of paystation to be converted and the make of telephone apparatus you desire.



	THE "60" SERIES			THE "90" SERIES			THE "34A" SERIES			THE "150" SERIES		
	62	64	68	92	94	98	34A9	34A9P2	34A11P2	150GJ	150KJ	
MANUAL TO AUTOMATIC OPERATION	A	A	A	A	A	A	A	A	A	A	A	
MANUAL POSTPAY TO PREPAY OPERATION		B			B			B			B	
MANUAL POSTPAY TO SEMI-POSTPAY OPERATION			C			C			C			

TCI Library - <http://www.telephonecollectors.info/>

All Autelco-Gray paystations of the hand-receiver type can be converted to the handset type by ordering the kit shown above in photograph "D."

PAYSTATION BOOTHS

CHURCHILL TELEPHONE BOOTHS

The Churchill "100" series are attractive, self-contained booths with folding doors and glass windows. Special acoustic design provides complete privacy. Each booth is equipped with an automatic door switch that controls silent electric ventilator and light equipment. All booths are metal lined and made of white oak with medium golden oak finish, or birch with medium mahogany finish.

Type 100-A—Churchill Booth, White Oak

Type 100-B—Churchill Booth, Birch

BURGESS ACOUSTI-BOOTHS

The unique construction of Burgess Acousti-Booths provides a remarkable degree of privacy for paystation users at a relatively low cost to operating companies. Walls are of perforated steel, backed by a thick blanket of sound absorbing material. Sound striking the wall enters the small holes and is trapped by the sound absorbent material. This design enables booths to be constructed without doors and still provide privacy. Open construction at the bottom prevents accumulation of dirt and provides for natural ventilation.

Type 210—All wood, Walnut Stain Finish

Type 211—All steel, Black Wrinkle Finish

Burgess also offers the "Scout" model for busy locations where space is limited. Can be mounted on wall or post.

Type 601—All wood, Walnut Stain Finish

Type 601—All steel, Black Wrinkle Finish

SHERRON ACOUSTIC BOOTHS

These booths are available in stainless steel with cold rolled steel or plastic panels in a wide variety of colors. Noise-eliminator construction channels outside sounds into unique noise-eliminating "cushions." Booths provide adjustable shelf, steel seat, improved door hinges, noiseless door switch, linoleum covered steel floor and many other features.

Type 1—Stainless Steel, with Cold-Rolled Steel Outside Panel

Type 2—Stainless Steel, with Plastic Outside Panel

TYPE 100-A



TYPE 210



TYPE 601



TYPE 2

TELEPHONE SIGNS

GENERAL PURPOSE "DECAL"

Handsome, 8-inch water transfer for general use. Excellent for windows of paystation booths or stores. "Decal" can be exposed to weather if coated with clear lacquer or varnish. Colors are blue and white.

Cat. No. S-6848—General Purpose "Decal"

ALL-METAL PAYSTATION SIGN

Excellent double-faced signs for use wherever paystations are installed. Made of porcelain enamel on 18-gauge steel plate; 10 inches square, mounting flanges at right angles. Will not fade or tarnish from exposure. Colors are blue and white.

Cat. No. S-6853—Flange Type Paystation Sign



AUTOMATIC ELECTRIC

*Originators and Developers of the Strowger Step-by-Step "Director" for Register-Sender-Translator Operation . . . Machine Switching Automatic Dial Systems
Makers of Telephone, Signaling and Communication Apparatus . . . Electrical Engineers, Designers and Consultants*

—Distributors in U. S. and Possessions—

AUTOMATIC ELECTRIC SALES CORPORATION, 1033 W. Van Buren St., Chicago 7, U. S. A.
Export Distributors: INTERNATIONAL AUTOMATIC ELECTRIC CORPORATION

Authorized Distributors for Autelco-Gray Paystations:

United States

Automatic Electric Sales Corporation

1033 West Van Buren Street, Chicago 7, Illinois

Graybar Electric Company, Incorporated

Executive Offices: Graybar Building, New York 17, New York

Kellogg Switchboard & Supply Company

6650 South Cicero Avenue, Chicago, 38, Illinois

Leich Sales Corporation

427 West Randolph Street, Chicago 6, Illinois

The North Electric Manufacturing Company

Galion, Ohio

Stromberg-Carlson Company

Rochester 3, New York

Canada

Automatic Electric (Canada) Limited

284 King Street West, Toronto, Canada

Northern Electric Company, Limited

1261 Shearer Street, Montreal, Quebec, Canada

Other Countries

International Automatic Electric Corporation

1033 West Van Buren Street, Chicago 7, Illinois