



**AT&T**  
Consumer Products

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# Public Phone Products

A WELCOMED CONVENIENCE



**AT&T**

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A WELCOMED  
CONVENIENCE



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## INTRODUCTION TO PUBLIC TERMINALS AND ACCESSORIES

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### Why Public Telephones?

A public telephone is a welcome convenience to everyone. Whoever uses a public telephone — clients, visitors, commuters, passers-by — will appreciate having a telephone set close at hand for any emergency, business, or convenience call.

When a public telephone is available, everyone benefits. Each of your customers benefits by having a conveniently located public telephone. It attracts people, and people become purchasers of the products and services your customers have to offer. You, the telephone company, benefit; not only from the revenues generated, but also from the public telephone service you provide . . . it shows that you are concerned with meeting the needs of the public.

AT&T offers several well designed, reliable, durable, and dependable public telephones to provide a better planned communications environment. The importance of selecting the right public telephone for your customers is recognized by AT&T, that's why our line of public telephones meets the highest environmental and technical standards.

### Attractive and Durable

The public telephones available from AT&T combine attractiveness and durability with a minimum investment. Since we introduced our first coin telephone at the turn of the century, we have continually made improvements and introduced new models that have provided better public telephone service and, at the same time, increased the return on your investment. AT&T's designers have incorporated into our line of public telephones unique security and maintenance features which allow on-site repair to be performed simply and quickly at a low cost. The quality of our products is insured through the application of our Standard Warranty and is backed by over 80 years of public telephone experience. Today, all of our coin sets are constructed of heavy-gauge, welded steel with a mar- and scratch-resistant exterior. All handsets are equipped with an inductive receiver that is compatible with inductive pickup-type hearing aids. And inside are technologically advanced components designed for long life with little field maintenance.

A wide range of accessories and associated components are also available to accompany, modify, and/or change your public telephone in any environment.

### Highlighted Products

This product information guide includes pertinent information on a number of our products — coin and coinless telephones in the standard “box” and “panel” models, various major components (coin chassis, totalizers, etc.), handsets, kits of parts, locks, and doors.

The public telephone sets described are not complete units. The appropriate information cards, covers, doors, locks, and coin receptacles must be ordered separately.

Shown on the following foldout are different views, with numbered call-outs, of the 1D- and 2D-type Coin Telephone Sets. A Product Ordering Guide on the same page includes components that are standard equipment and those that are required, but must be ordered separately.



## And We'll Do More

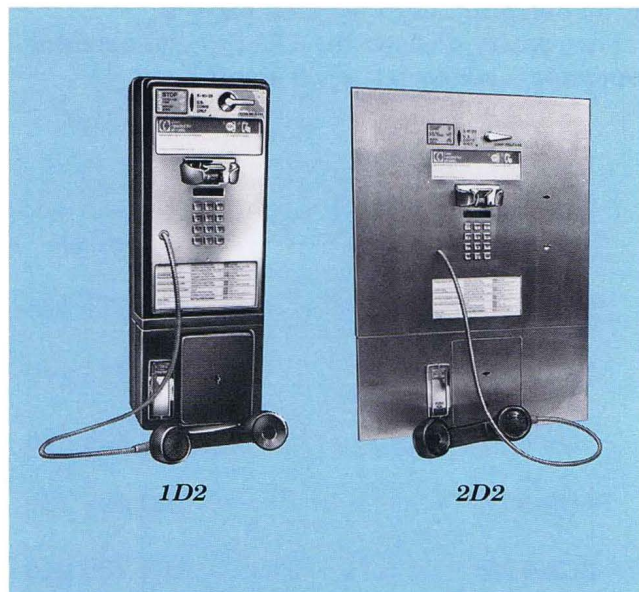
In addition to our standard products, we will provide support for any special application or development activity in which you may be interested. For additional information, contact your local AT&T Public Terminal Products Account Representative.



### OUR COMMITMENT

AT&T's commitment to quality and dependability, combined with value, has made AT&T the leader and trend setter in the public telephone product area for over 80 years. Our public telephones, manufactured with carefully selected components, will provide a high degree of durability, reliability, and tolerance to abuse to you and your customers. AT&T's highly-trained, experienced professionals will continue to provide you with superior public telephone products specifically designed for the world's finest communications network.

## PUBLIC TELEPHONE SETS - COIN



The different models of our single-slot coin telephone sets allow you to provide either public or semi-public telephone service in various operating modes. Every AT&T coin telephone set is constructed of heavy-gauge, welded steel with a mar-resistant exterior highlighted by a chrome faceplate. These sets are of two basic designs: the familiar "box-type" sets (the 1-type sets) and the "panel-type" sets (the 2-type sets). The traditional black "box-type" set and the brushed stainless steel "panel-type" sets are easily recognizable and blend well with a variety of surrounding decors.

### COIN

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- 1- and 2-Type      -      The 1-type box Coin Telephone Set is the "industry standard" for a single-slot coin public telephone. It may be equipped for either rotary or touch-tone dialing. It is an exceptionally high-reliability, high-security device and, with available options, may be used in most adverse environments - both indoors and outdoors. It can be operated in either a coin-first mode or a dial-tone-first mode which permits placing of emergency or other selected calls without a coin deposit. Transmission and signaling is equivalent to the general purpose resident product (500-type) telephone sets. The overall dimensions are approximately 21.1 inches high, 9.1 inches deep (including the handset), and 7.8 inches wide.  
  
The 2-type panel Coin Telephone Set includes most of the features and options available in the 1-type sets. It is designed to be mounted flush or in a corner. The overall dimensions are approximately 22.8 inches high, 6.2 inches deep (excluding the handset), and 16.4 inches wide.
- "C" and "D"      -      The "C" and the "D" designators in the code for 1- and 2-type sets indicate the type of coin detection and signaling circuitry used in the set. The "C" sets, which are of an earlier electromechanical design, use the 31A Coin Chassis and the 1A Totalizer and are shipped from the factory to operate in the coin-first mode. In the "D" sets, a 32B Coin Chassis and a 47A2 Signal perform these functions completely electronically in the dial-tone-first mode.

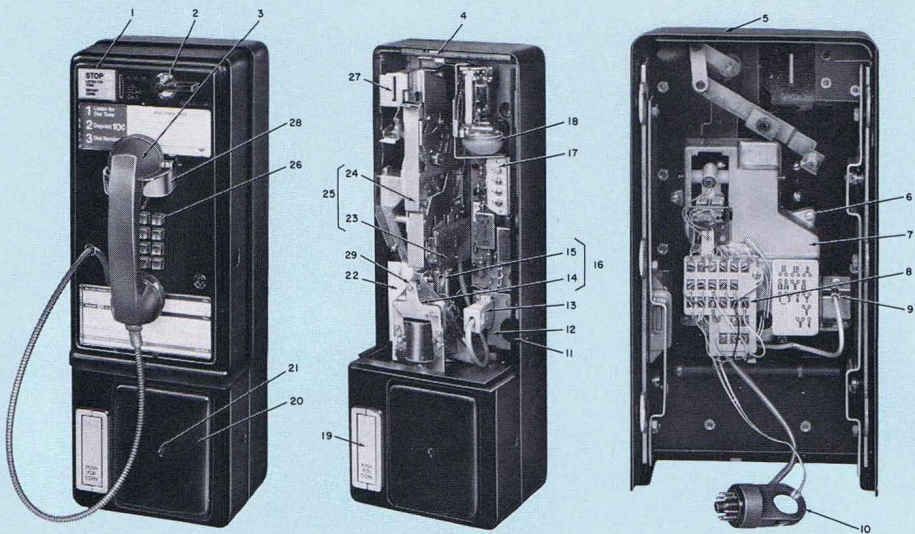
- 1E-Type (Postpaid) - The 1E-type Coin Telephone Sets are intended for postpay service and are similar in construction to the 1C- and 1D-type sets. With postpay service, coin deposits are requested by an operator after the called party is connected. The 1E1-type set has a rotary dial and the 1E3-type set operates manually without a dial (an operator is connected when an off-hook condition is detected).

### Ordering Information

| Description*   | Code    | Comcode     |
|--|---------|-------------|
| Set Telephone Coin, Rotary, Black,<br>Coin-First                             | 1C1-3   | 101 774 131 |
| Set Telephone Coin, Touch-Tone, Black,<br>Coin-First                         | 1C2-3   | 101 774 149 |
| Set Telephone Coin, Rotary, Black,<br>Dial-Tone-First                        | 1D1-3   | 102 821 386 |
| Set Telephone Coin, Touch-Tone, Black,<br>Dial-Tone-First                    | 1D2-3   | 102 825 130 |
| Set Telephone Coin, Panel, Rotary,<br>Brushed Stainless, Coin-First          | 2C1-67A | 101 789 246 |
| Set Telephone Coin, Panel, Touch-Tone,<br>Brushed Stainless, Coin-First      | 2C2-67A | 101 789 253 |
| Set Telephone Coin, Panel, Rotary,<br>Brushed Stainless, Dial-Tone-First     | 2D1-67A | 102 821 394 |
| Set Telephone Coin, Panel, Touch-Tone,<br>Brushed Stainless, Dial-Tone-First | 2D2-67A | 102 825 171 |
| <hr/>  |         |             |
| Set Telephone Coin, Rotary, Black, Postpay                                   | 1E1-3   | 102 055 456 |
| Set Telephone Coin, Manual, Black, Postpay                                   | 1E3-3   | 102 055 480 |

\*Special colors are available in addition to our standard products. For additional information, contact your local AT&T Public Terminal Products Account Representative.





LEGEND 1D-TYPE SET

- 1 — 840156327 Information Plate

2 — 840358725 Shaft and Handle Assembly

3 — Handset\*

4 — 812755429 Chute Locking Lever and 812754976 Spring

5 — Coin Cover Unit\*

6 — 840157390 Self-locking Screw

7 — Coin Dial Unit\*

8 — TB2

9 — 811554443 Cover Plate and 801816786 BHM Screw

10 — P1

11 — J1

12 — 32A(MD) or 32B Chassis

13 — P2

14 — 1A Coin Relay

15 — 811557172 Coin Hopper Assembly
- 16 — 1AA Coin Relay

17 — TB1

18 — C4-Type Ringer

19 — 812165462 Coin Return Assembly

20 — 2-Type Door

21 — Slot for 719A Tool

22 — 811557304 Return Chute Assembly

23 — 47A2 Signal

24 — 20A Chute

25 — 20A47A2 Chute

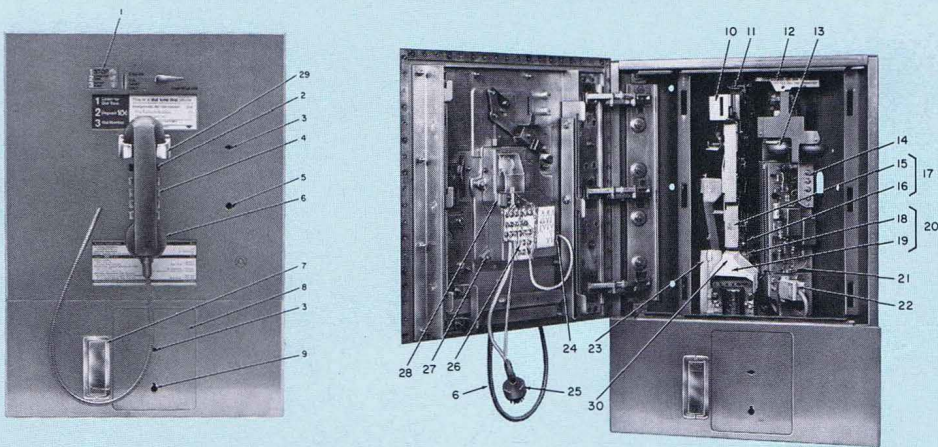
26 — Dial\*

27 — 812363612 Entrance Stop

28 — 840358303 Hook

29 — 811057835 Cover (not shown)

\*Refer to the Product Ordering Guide.



LEGEND 2D-TYPE SET

- 1 — 840156237 Information Plate

2 — Number Card

3 — Slot for 719A Tool

4 — Dial\*

5 — Slot for 29A Lock

6 — Handset\*

7 — 812165462 Coin Return Assembly

8 — 5A Door

9 — Slot for 30-type Lock

10 — 812363612 Entrance Stop

11 — 812755429 Chute Locking Lever and 812754976 Spring

12 — 7A Clip

13 — C4-Type Ringer

14 — TB1

15 — 20A Chute

16 — 47A2 Signal
- 17 — 20A47A2 Chute

18 — 811557172 Coin Hopper Assembly

19 — 1A Coin Relay

20 — 1AA Coin Relay

21 — 32A(MD) or 32B Chassis

22 — P2

23 — 811557304 Return Chute Assembly

24 — 811554443 Cover Plate and 801816786 BHM Screw

25 — P1

26 — TB2

27 — 840157390 Self-locking Screw

28 — Coin Dial Unit\*

29 — 840358303 Hook

30 — 811057835 Cover

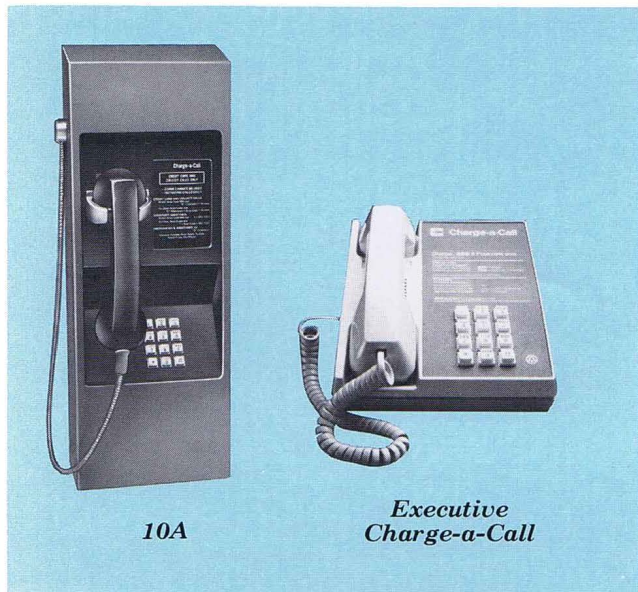
\*Refer to the Product Ordering Guide.

PRODUCT ORDERING GUIDE

| STANDARD COMPONENTS |            |            |              |                 |                 |         |                  |                | REQUIRED COMPONENTS   |                 |                       |          |          |
|---------------------|------------|------------|--------------|-----------------|-----------------|---------|------------------|----------------|-----------------------|-----------------|-----------------------|----------|----------|
| TYPE SET            | COIN RELAY | COIN CHUTE | COIN CHASSIS | COIN COVER UNIT | DIAL            | HANDSET | TOTALIZER/SIGNAL | COIN DIAL UNIT | CASH COMPARTMENT DOOR | COIN RECEPTACLE | COIN RECEPTACLE COVER | 29A LOCK | 30C LOCK |
| 1C1                 | 1AA        | 20A        | 31A          | 70A1            | 8WA             | G3AM    | 1A               | 60B1           | 2A or 2B              | 1C              | 1E                    | X        | X        |
| 1C2                 | 1AA        | 20A        | 31A          | 71A1            | 70B             | G3AM    | 1A               | 61B1           | 2A or 2B              | 1C              | 1E                    | X        | X        |
| 1D1                 | 1AA        | 20A        | 32B          | 70A3            | 8WA             | G3AM    | 47A2             | 60B3           | 2A or 2B              | 1C              | 1E                    | X        | X        |
| 1D2                 | 1AA        | 20A        | 32B          | 71A3            | 70B             | G3AM    | 47A2             | 61B3           | 2A or 2B              | 1C              | 1E                    | X        | X        |
| 1E1                 | 51A        | 20A        | 30B          | 70A5            | 8WA             | G3AM    | 10A              | 60B2           | 2A or 2B              | 1C              | 1E                    | X        | X        |
| 1E3                 | 50B        | 20A        | 30B          | 70A4            | APPARATUS BLANK | G3AM    | 10A              | 60B4           | 2A or 2B              | 1C              | 1E                    | X        | X        |
| 2C1                 | 1AA        | 20A        | 31A          | -               | 8WA             | G3AM    | 1A               | 60B1           | 5A                    | 1C              | 1E                    | X        | X        |
| 2C2                 | 1AA        | 20A        | 31A          | -               | 70B             | G3AM    | 1A               | 61B1           | 5A                    | 1C              | 1E                    | X        | X        |
| 2D1                 | 1AA        | 20A        | 32B          | -               | 8WA             | G3AM    | 47A2             | 60B3           | 5A                    | 1C              | 1E                    | X        | X        |
| 2D2                 | 1AA        | 20A        | 32B          | -               | 70B             | G3AM    | 47A2             | 61B3           | 5A                    | 1C              | 1E                    | X        | X        |



## PUBLIC TELEPHONE SETS – COINLESS



Since the introduction of our coinless telephone sets in 1978, public response has been overwhelming. Hurry-up Americans like quick, easy ways of doing things and they want to make calls without the hassle of searching for coins. Coinless telephones are time-saving, convenient public telephones. Our coinless telephone sets provide excellent service in locations where a high volume of credit card, collect, or billed to a third party calls either exists or is anticipated. These sets permit calls to be completed without coins and, at the same time, allow more calls on the coin telephone sets.

### COINLESS

- 10-Type – The 10-type Coinless Telephone Set is an indoor/outdoor “box-type” set that can be used in the same enclosures as the 1-type Coin Telephone Sets. This set has touch-tone dialing and many of the construction features found in our coin sets. The approximate overall dimensions are 21.0 inches high, 4.0 inches deep, and 7.6 inches wide.
- 20-Type – The 20-type Coinless Telephone Set is a “panel-type” set that can be used in the same enclosures as the 2-type Coin Telephone Sets. This set also has a touch-tone dial and many of the construction features of the coin sets. The approximate overall dimensions are 22.6 inches high, 8.1 inches deep (including the handset), and 16.4 inches wide.
- Executive Charge-a-Call – The Executive Charge-a-Call is a coinless telephone set designed for secure public telephone installations such as airline VIP lounges, select hotels, or fine restaurants. It features a touch-tone dial and may be used as a desk set or mounted on a wall.

### Ordering Information

| Description                                      | Code       | Comcode     |
|--|------------|-------------|
| Set Telephone Coinless, Blue                     | 10A        | 103 204 731 |
| Set Telephone Coinless, Brown                    | 10B        | 103 626 529 |
| Set Telephone Coinless, Panel, Brushed Stainless | 20A        | 103 233 086 |
| Executive Charge-a-Call Set, Ivory               | 2960B01-50 | 103 552 386 |



# Executive Charge-a-Call

The phone that makes your customers feel at home when they are on the go!

Executive Charge-a-Call will help your customers feel more at ease making phone calls in airline VIP lounges, hotel lobbies, restaurants, and other public places that serve select clientele.

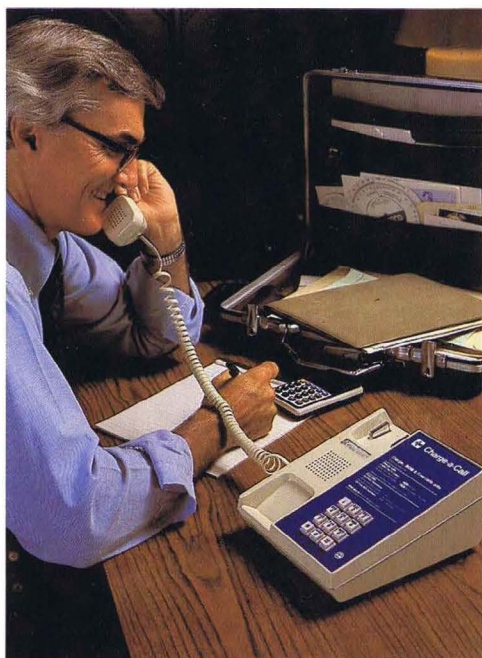
The convenience and sophistication of this new, coinless public telephone are sure to make it an attractive addition to your operations.





# Executive Charge-a-Call

The phone that makes your customers feel at home when they are on the go!



## Attractive

Executive Charge-a-Call is a stylish Touch-Tone\* telephone, designed to enhance public places that serve select clientele such as—airline VIP lounges, prestigious hotels, fine restaurants, office reception areas and transportation centers.

It also makes an attractive addition to an institutional setting such as—a university complex, or hospital lobby.

## Built-in Convenience

Your customers will find the Executive Charge-a-Call telephone fast and easy to use. Because it requires no coins to operate, there is no time wasted fumbling for change. All customers do is dial, following the few, easy-to-read instructions right on the phone.



## Sophisticated Functionality

Your customers are not the only ones who will appreciate the convenience and sophistication of Executive Charge-a-Call. This new public telephone has many features designed to please you as well. For example, installation of this phone is quick and will not disrupt normal business operations.

You can also expect trouble-free service with Executive Charge-a-Call. It's made by Western Electric, using advanced technology to meet your customers' expectations and keep them satisfied with the service you're offering.

And since the Executive Charge-a-Call has an undetachable base cord and no coinbox, there is little chance of vandalism.



## Fits Anywhere

Because the Executive Charge-a-Call telephone is compact in size and designed to blend with any decor, it can be placed in any spot that is convenient for your customers to use.

For example, it can be the "conversation piece" on a writing desk or on an end table near a cozy chair.

## Executive Charge-a-Call

- Has Built-in Convenience
- Fits Anywhere
- Is Sophisticated Yet Functional
- Enhances Public Places Serving Select Clientele

For more information, contact your Bell System Public Telephone Sales Representative.

Equipment manufactured by Western Electric

\*Trademark of AT&T

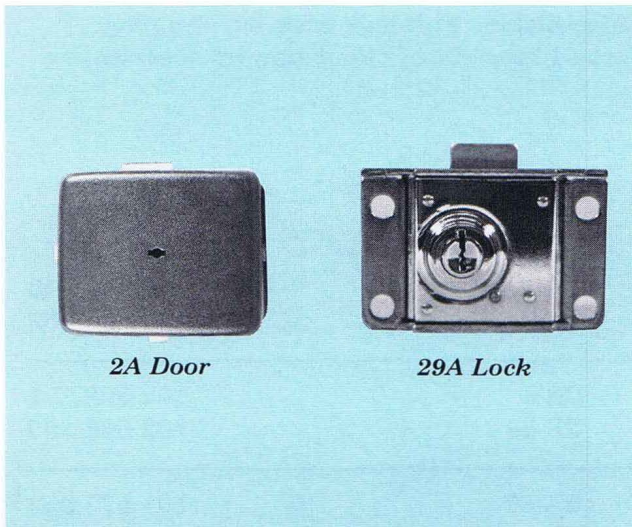
Marketing Communications Organization  
1238B





## REQUIRED COMPONENTS – SECURITY DEVICES

### DOORS • COIN RECEPTACLES • RECEPTACLE COVERS • LOCKS • KEYS



The security devices for our coin telephone sets are added to the standard equipment to protect the telephone components and the collected coins from unauthorized entry and/or vandalism. These devices include coin compartment doors, coin receptacles, coin receptacle covers, locks, and keys. None of these devices are included as part of the basic telephone set and must be ordered separately. Special security procedures govern the distribution of locks and keys.

#### DOORS

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- 2A – The standard door used on the 1C and the 1D Coin Telephone Sets. It is a vault-type door with a high-security, multiple-locking mechanism that protects the cash compartment.
- 2B – High-security door that is intended as a replacement for the 2A. This door incorporates a special tungsten carbide insert as part of the wide sliding bolt.
- 5A – Standard door used on the 2-type Coin Telephone Sets.

#### COIN RECEPTACLE

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- 1C – A removable metal box that stores coins in a coin telephone set. It is used in conjunction with the 1E Coin Receptacle Cover.

#### COIN RECEPTACLE COVER

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- 1E – Self-locking metal cover with a shutter assembly above the coin opening. The cover design prevents unauthorized access to the coin receptacle. The shutter is moved to the open position when the coin receptacle is inserted into the telephone. It automatically closes and locks when the coin receptacle is removed. It is equipped with a contact stud which is used when the Coin Level Detection feature (Kits of Parts D-180042 and D-180110) is added.

#### LOCKS & KEYS

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- 29A – Lever-type lock of the corrugated key type and is the standard lock for the Coin Cover Unit. Keys for the 29A Lock are ordered separately.



- 30C - Lever-type lock of the corrugated key type. This is the standard lock for the door to the cash compartment. Two keys are supplied with each lock. Three keys may be obtained only when specified on the initial lock order.
- 32A - A special version of the 29A Lock is also available. This lock has a key trapping mechanism that is used to take unauthorized keys out of circulation by not releasing that key from the coin set.

### Ordering Information

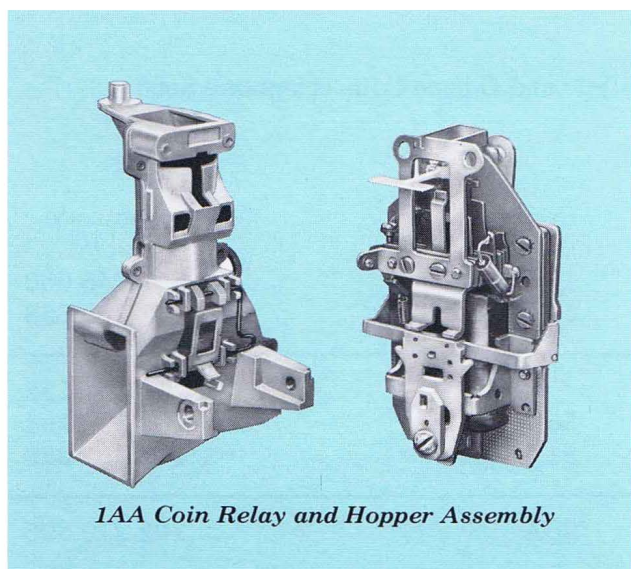
| Description                    | Code  | Comcode     |
|--------------------------------|-------|-------------|
| Door, Black                    | 2A-3  | 101 002 145 |
| Door, Chrome                   | 2A-44 | 101 469 039 |
| Door, Black                    | 2B-3  | 102 508 371 |
| Door, Chrome                   | 2B-44 | 102 508 389 |
| Door, Stainless                | 5A-67 | 101 573 954 |
| Coin Receptacle, Orange        | 1C-86 | 101 903 151 |
| Coin Receptacle Cover          | 1E    | 101 146 546 |
| Lock                           | 29A   | *           |
| Key for 29A or 32A Locks       | 29A   | *           |
| Lock with two keys             | 30C   | 102 230 836 |
| Lock with three keys           | 30C   | 102 381 944 |
| Lock with trapping mechanism** | 32A   | *           |

\*Because of the security nature of telephone locks, a list of personnel authorized to order and/or receive 29-type and 32-type Upper Housing locks and the 30-type Cash Compartment locks shall be maintained by AT&T. All requisitions shall specify the authorized recipient to whom shipment shall be made. They must be signed by personnel delegated to do so and these signatures will be verified.

\*\*Ordering information for the release tool which releases an unauthorized key is included in the section on tools, gauges, and materials.

## COIN PATH COMPONENTS

### RELAYS • HOPPERS • CHUTE



*1AA Coin Relay and Hopper Assembly*

The components that form the coin path perform the tasks required to either collect coins or reject them. These components include coin relays, hoppers, relay and hopper assemblies, and coin chutes.

## RELAYS

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The coin relay controls the coin vane in the hopper. The direction of movement is determined by the polarity of the voltage from the serving office.

- 1A Coin Relay – Consists of a switch assembly, coil and core assembly, coin trigger, card selector assembly, and a resistor assembled to an alignment plate.
- 1AA Coin Relay and Hopper Assembly – Includes the 1A Coin Relay assembled to a Hopper Coin Assembly (811 557 172). This unit is compatible with all coin telephone sets except the 1E-type.

## HOPPERS

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In a hopper, deposited coins are temporarily held by the coin trap until they are dumped when the coin relay operates. A coin vane moves to either a “collect” or a “refund” position when driven by the coin relay. The coin vane on the 50B and the 51A Hoppers is trapped in the collect position.

- 811557172 Hopper Assembly – This is a zinc, die-cast hopper that includes a trap, trap lever, pin spring, and vane.
- 50B Hopper – This is a simple coin hopper that is made of a modified, die-cast hopper assembly equipped with a metal cover over the front to prevent coins from falling out. It is used with 1E3-type sets.
- 51A Hopper – Transistorized, timing-actuated coin hopper which consists of a modified die-cast (front and rear half) hopper assembly with a circuit board assembly and a coin vane. The coin vane is trapped in a “collect” position to route all deposits to the cash receptacle. This hopper is used with 1E1-type sets.

## CHUTE

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A coin chute mechanically separates coins and rejects slugs on a single-slot telephone. Coins are sorted by size, weight, and composition.

- 20A Chute - This chute is used with all C-type and D-type Coin Telephone Sets.

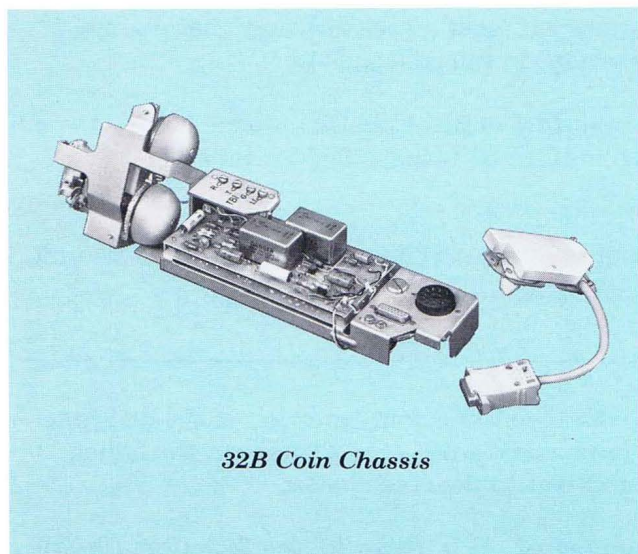
### Ordering Information

| Description                    | Code | Comcode     |
|--------------------------------|------|-------------|
| Coin Relay                     | 1A   | 101 755 650 |
| Coin Relay and Hopper Assembly | 1AA  | 101 755 668 |
| <hr/>                          |      |             |
| Hopper Coin Assembly           | -    | 811 557 172 |
| Hopper                         | 50B  | 102 172 194 |
| Hopper                         | 51A  | 102 607 389 |
| <hr/>                          |      |             |
| Coin Chute                     | 20A  | 102 279 395 |



## CONTROL & SIGNALING COMPONENTS

### COIN CHASSIS • TOTALIZERS • SIGNAL



*32B Coin Chassis*

The control and signaling components perform the transmission, signaling, and coin identification tasks that are required between the telephone set and the serving office. These components include coin chassis, totalizers, and a signal.

## COIN CHASSIS

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The coin chassis is the major framework for mounting different electrical components. It performs transmission, signaling, and coin identification functions between the telephone set and the serving office. For instance, the coin signal oscillator generates a dual-frequency tone to identify coin denominations to the operator.

- 30B      –      The 30B Coin Chassis consists of a network, ringer, circuit component board, dual-frequency coin signal oscillator, and two sockets for connecting the coin cover unit and the totalizer. This chassis is used in the 1E-type Coin Telephone Sets.
- 31A      –      The 31A Coin Chassis is similar to the 30B, but contains a terminal board which allows field conversion from coin-first to dial-tone-first operation. This chassis is wired at the factory for coin-first operation and is used in 1C- and 2C-type Coin Telephone Sets.
- 31A2    –      The 31A2 Coin Chassis is comparable to the 31A except it is factory wired for dial-tone-first operation. It is used in 1C- and 2C-type Coin Telephone Sets.
- 32B      –      This chassis provides an electronic coin detection capability in the dial-tone-first mode. It includes a ringer, circuit pack assembly, terminal strip assembly, a receptacle and socket for electrical connections, a DIP with slide switches for changing rates, and several other components on a steel chassis. It is standard equipment on 1D- or 2D-type Coin Telephone Sets and also is part of a D-180707 Kit of Parts that permits field conversion of 1C- or 2C-type sets.



## TOTALIZERS

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A totalizer is an electromechanical unit that totals initial rate deposits, prepares the telephone set for dialing, and signals coin denominations to the coin chassis. Accepted coins fall through the chute and strike totalizer arms which extend into the chute. The arms turn a ratchet wheel with cogs that represent 5-cent increments. It uses tone pulses to signal coin denominations to the coin chassis.

- 1A - The 1A Totalizer operates in either the coin-first or dial-tone-first mode. Mode conversion is made by changing the plug position or switch. The 1A is used with the 1C- or 2C-type Coin Telephone Sets.
- 10A - The 10A Totalizer is similar to the 1A but operates only in a postpay mode. This unit is used with the 1E-type sets.

## SIGNAL

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The signal is used in conjunction with the coin chassis to provide electronic coin detection in the dial-tone-first mode. Functionally, it replaces a totalizer. Instead of mechanical arms, as in a totalizer, the falling coin strikes an anvil. This creates a tone which is amplified and sent to the coin chassis.

- 47A2 - This unit functions as a piezoelectric coin sensor. It is used with the 32A Coin Chassis in 1D- and 2D-type Coin Telephone Sets.

### Ordering Information

| Description                    | Code | Comcode     |
|--------------------------------|------|-------------|
| Coin Chassis                   | 30B  | 102 419 983 |
| Coin Chassis (Coin-First)      | 31A  | 102 419 991 |
| Coin Chassis (Dial-Tone-First) | 31A2 | 102 812 740 |
| Coin Chassis                   | 32B  | 103 560 074 |
| Totalizer                      | 1A   | 101 774 164 |
| Totalizer                      | 10A  | 102 098 522 |
| Signal                         | 47A2 | 103 287 538 |

## COVER UNITS & ASSOCIATED SUBASSEMBLIES

### COIN COVER UNITS • COIN DIAL UNITS • DIALS



*61B Coin Dial Unit*

The Coin Cover Unit and its associated sub-assemblies comprise one of the major units on 1-type Coin Telephone Sets. This unit, which is the front cover on these sets, is removable and includes the handset and mounting cord, switch hook, line switch, dial, single-slot coin entrance, stuck-coin release lever, and instruction cards. The comparable components are mounted on the hinged door of the 2-type Coin Telephone Set.

#### COIN COVER UNITS

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- 70A - This rotary-dial coin cover unit is intended for coin-first operation. It contains features which permit field conversion to dial-tone-first operation.
- 71A - The 71A-type Coin Cover Unit is similar to the 70-type unit, but it includes a touch-tone dial.

#### COIN DIAL UNITS

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- 60B - Includes a switch and bracket assembly, a plunger and switch assembly, a cord and plug assembly, a rotary dial, a dial housing assembly, a slide, and a switch-hook spring.
- 61B - The 61B Coin Dial Unit is comparable to the 60B-type unit, but it includes a touch-tone dial.

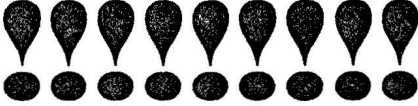
#### DIALS

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- 8WA - The 8WA is a rotary dial with a bright metal finger stop. Components such as bearings, spring block, and plate separators are made of plastic. It has three pairs of contacts.
- 70B - This 12-button, touch-tone dial is designed to provide special protection against water, flame, and shock. It consists of a metal front plate and metal buttons assembled as an auxiliary pad which attaches on the front of a modified touch-tone dial mechanism. It uses an integrated circuit for the tone generator.

## Ordering Information

| Description                                    | Code    | Comcode     |
|--|---------|-------------|
| Coin Cover Unit, Black (1C1-3, CF)             | 70A1-3  | 102 859 725 |
| Coin Cover Unit, Black (1C1-3, DTF)            | 70A2-3  | 102 859 758 |
| Coin Cover Unit, Black (1D1-3, DTF)            | 70A3-3  | 102 819 901 |
| Coin Cover Unit, Black (1E3-3, Manual Postpay) | 70A4-3  | 102 856 556 |
| Coin Cover Unit, Black (1E1-3, Rotary Postpay) | 70A5-3  | 102 856 580 |
| Coin Cover Unit, Black (1C2-3, CF)             | 71A1-3  | 102 856 614 |
| Coin Cover Unit, Black (1C2-3, DTF)            | 71A2-3  | 102 856 648 |
| Coin Cover Unit, Black (1D2-3, DTF)            | 71A3-3  | 102 819 935 |
| <hr/>  |         |             |
| Coin Dial Unit, Chrome (1C1 & 2C1, CF)         | 60B1-44 | 103 322 632 |
| Coin Dial Unit, Chrome (1C1 & 2C1, DTF, 1E1)   | 60B2-44 | 103 325 775 |
| Coin Dial Unit, Chrome (1D1 & 2D1, DTF)        | 60B3-44 | 103 325 783 |
| Coin Dial Unit, Chrome (1E3)                   | 60B4-44 | 103 325 791 |
| Coin Dial Unit, Chrome (1C2, CF)               | 61B1-44 | 103 322 657 |
| Coin Dial Unit, Chrome (1C2, DTF)              | 61B2-44 | 103 325 809 |
| Coin Dial Unit, Chrome (1D2 & 2D2, DTF)        | 61B3-44 | 103 325 817 |
| <hr/>  |         |             |
| Rotary Dial, Black                             | 8WA-3   | 102 445 343 |
| Rotary Dial, Gray                              | 8WA-52  | 102 445 350 |
| Touch-Tone Dial                                | 70B     | 103 257 341 |



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# BULLETIN

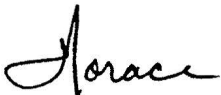
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## Public Phone Products Update

RE: Handset Cords 3'7" & 4'6"

The following handset cords are now Ready To Order on a non-stock basis. In addition we have included the 1985 Scheduled Order Price.

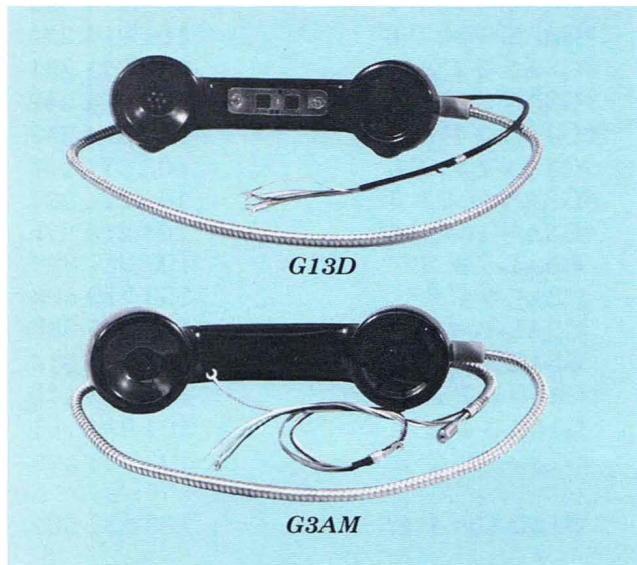
| <u>Description</u>        | <u>Comcode</u> | <u>1985<br/>Scheduled Order Price</u> |
|---------------------------|----------------|---------------------------------------|
| Set Hand G3AM 3'7", Black | 104214200      | \$29.30                               |
| Set Hand G3AM 4'6", Black | 104214218      | 30.16                                 |
| Set Hand G3AM 3'7", Brown | 104214226      | 29.30                                 |
| Set Hand G3AM 4'6", Brown | 104214234      | 30.16                                 |
| Set Hand G3AN 3'7", Black | 104214242      | 33.90                                 |
| Set Hand G3AN 4'6", Black | 104214259      | 34.70                                 |
| Set Hand G3AN 3'7", Brown | 104214267      | 33.90                                 |
| Set Hand G3AN 4'6", Brown | 104214275      | 34.70                                 |



H. E. Snowden  
Account Manager  
(408) 629-2169



## HANDSETS



Each public telephone set includes a handset as standard equipment. However, there are occasions when a handset must be replaced or there may be specific situations where a different handset with a particular feature or attribute is required. Handsets are available in a variety of different colors and with cords of different lengths.

## HANDSETS

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- G3AM - The standard handset now supplied with and recommended as a replacement for all coin telephone sets except the 3-type sets. Design features include a fraud-resistant transmitter cup and a flame-retardant, extra-strength armored cord with a stainless steel inner cable.
- G3AN - This handset is a moisture-proof version of the G3AM. All other features are the same.
- G3AL - Standard handset supplied with the 10-type and the 20-type Coinless Telephone Sets.
- G13D - This handset aids persons with impaired hearing. It includes two switches that control the gain of a single-stage transistor amplifier. This handset can be used with coin telephone sets. Because the gain control switches do not permit the stainless steel inner cable of an armored cord to be routed to the receiver end of the handset, these handsets should be installed only in telephone sets in secure locations.
- G13E - The G13E is similar to the G13D Handset and is used with the 10-type and 20-type Coinless Telephone Sets.

## Ordering Information

| Description                               | Code            | Comcode     |
|---|-----------------|-------------|
| Set Hand, Black, e/w 2' 8" cord           | *G3AM-3 2' 8"   | 103 666 673 |
| Set Hand, Black, e/w 3' 7" cord           | *G3AM-3 3' 7"   | 104 214 200 |
| Set Hand, Black, e/w 4' 6" cord           | *G3AM-3 4' 6"   | 104 214 218 |
| Set Hand, Chocolate Brown, e/w 2' 8" cord | *G3AM-104 2' 8" | 103 671 236 |

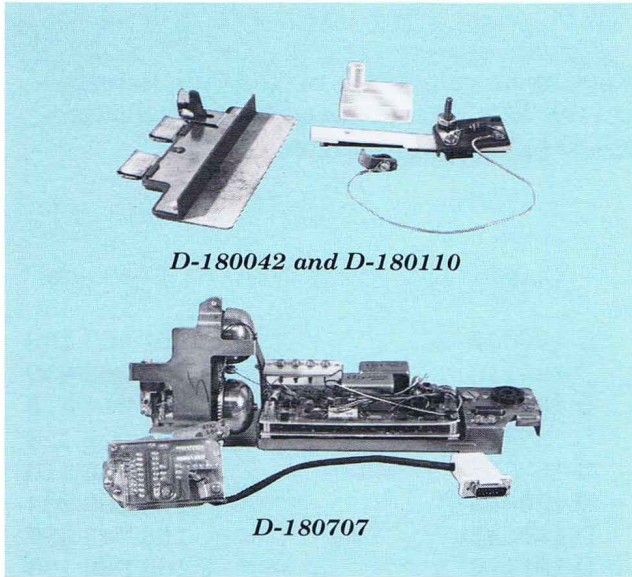
\*A D-181172 Kit of Parts is required when ordering a G3AM or G3AN Handset as a replacement for other than an existing G3AM or G3AN Handset.

| Description   | Code            | Comcode     |
|---|-----------------|-------------|
| Set Hand, Brown, e/w 3' 7" cord                         | *G3AM-104 3' 7" | 104 214 226 |
| Set Hand, Brown, e/w 4' 6" cord                         | *G3AM-104 4' 6" | 104 214 234 |
| Set Hand, Black, e/w 2' 8" cord                         | *G3AN-3 2' 8"   | 103 671 251 |
| Set Hand, Black, e/w 3' 7" cord                         | *G3AN-3 3' 7"   | 104 214 242 |
| Set Hand, Black, e/w 4' 6" cord                         | *G3AN-3 4' 6"   | 104 214 259 |
| Set Hand, Chocolate Brown, e/w 2' 8" cord               | *G3AN-104 2' 8" | 103 671 244 |
| Set Hand, Brown, e/w 3' 7" cord                         | *G3AN-104 3' 7" | 104 214 267 |
| Set Hand, Brown, e/w 4' 6" cord                         | *G3AN-104 4' 6" | 104 214 275 |
| Set Hand, Black, e/w 2' 8" cord                         | G3AL-3 2' 8"    | 103 057 824 |
| Set Hand, Black, e/w 4' 6" cord                         | G3AL-3 4' 6"    | 103 719 506 |
| Set Hand, Chocolate Brown, e/w 2' 8" cord               | G3AL-104 2' 8"  | 103 635 736 |
| Set Hand, Chocolate Brown, e/w 4' 6" cord               | G3AL-104 4' 6"  | 103 719 514 |
| Set Hand, Black, Amplified, e/w 2' 8" cord              | G13D-3 2' 8"    | 104 084 173 |
| Set Hand, Black, Amplified, e/w 4' 6" cord              | G13D-3 4' 6"    | 104 084 181 |
| Set Hand, Chocolate Brown, Amplified,<br>e/w 2' 8" cord | G13D-104 2' 8"  | 103 635 678 |
| Set Hand, Chocolate Brown, Amplified,<br>e/w 4' 6" cord | G13D-104 4' 6"  | 103 687 562 |
| Set Hand, Black, Amplified, e/w 2' 8" cord              | G13E-3 2' 8"    | 103 289 427 |
| Set Hand, Black, Amplified, e/w 4' 6" cord              | G13E-3 4' 6"    | 103 603 106 |
| Set Hand, Chocolate Brown, Amplified,<br>e/w 2' 8" cord | G13E-104 2' 8"  | 103 635 686 |
| Set Hand, Chocolate Brown, Amplified,<br>e/w 4' 6" cord | G13E-104 4' 6"  | 103 687 588 |

\*A D-181172 Kit of Parts is required when ordering a G3AM or G3AN Handset as a replacement for other than an existing G3AM or G3AN Handset.



## MODIFICATION COMPONENTS – KITS OF PARTS



Different types of modifications can be made to your in-service public telephone sets by installing kits of parts. Each kit of parts has been designed to provide you with tangible benefits such as increased revenues and reduced maintenance times.

### KITS OF PARTS

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- D-180042 & D-180110     -     The Coin Level Detector and the Coin Level Sensor together provide the Coin Level Detection feature in coin telephone sets. This modification provides a local or a remote indication when the coin level in a coin box reaches approximately 70 percent of capacity. This modification affects the telephone set housing and the coin box. A 1E Coin Receptacle Cover is also required to incorporate this feature.
- D-180405 & D-180406     -     These kits of parts allow a nondial extension telephone to be used on a semipublic coin line which terminates in a coin telephone set. Either a wall- or desk-type telephone specially modified by an AT&T Service Center must be used as the extension station instrument. A desk-type set can be ordered as a "Set, Telephone, 500C- (plus suffix color code), modified per D-180405." A wall-type set can be ordered as a "Set, Telephone, 554A- (plus suffix color code), modified per D-180406."
- D-180707     -     The C Set to D Set Conversion Kit provides rapid conversion of 1C and 2C Sets to 1D and 2D Sets with electronic coin detection in the dial-tone-first mode. The kit includes a 32B Coin Chassis and a 47A2 Signal. The chassis replaces the existing 31A Chassis and the signal mounts on the existing 20A Chute (thereby replacing the 1A Totalizer).
- D-180848     -     The Magnetic Coin Stop Assembly blocks the coin slot when an attempt is made to enter magnetic objects such as Canadian coins and slugs. It replaces the Tone Label and can be used with 1C and 1D Coin Telephone Sets.
- D-180893     -     Polarity Guard for 1- and 2-type coin sets.

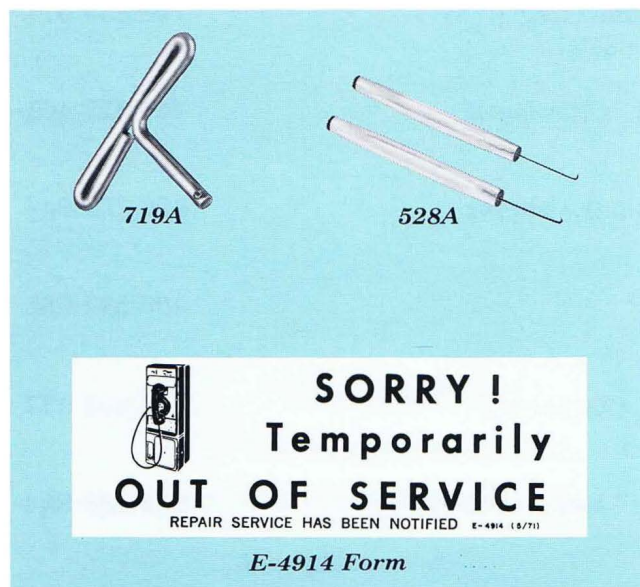
- D-181172      -      The Armored Cord Security Cable Retainer anchors the armored cord in the G3AM or G3AN Handset to the inside of any 1C or 1D Coin Telephone Set. The retainer attaches to the pressed-on slug on the end of the stainless steel cable inside the armored cord.
- Knob and Shaft Assembly      -      The Knob and Shaft Assembly is a replacement component for the Coin Return Lever on all coin telephone sets except the 3A2. It contains a slip clutch that prevents excessive torque from being applied to the coin return mechanism.

### Ordering Information

| Description  | Code     | Comcode     |
|--|----------|-------------|
| Coin Level Detector                                | D-180042 | 101 467 199 |
| Coin Level Sensor                                  | D-180110 | 101 568 350 |
| Applique circuit for desk-type telephone           | D-180405 | 101 911 410 |
| Applique circuit for wall-type telephone           | D-180406 | 101 911 428 |
| C-Type Set to D-Type Set Conversion Kit            | D-180707 | 102 855 616 |
| Magnetic Coin Stop Assembly                        | D-180848 | 103 105 284 |
| Polarity Guard                                     | D-180893 | 103 241 857 |
| Armored Cord Security Cable Retainer               | D-181172 | 103 868 196 |
| Knob and Shaft Assembly                            | -        | 840 360 184 |
| Parts necessary to replace number card in 1C2 sets | D-180567 | 102 559 986 |



## TOOLS, GAUGES, & MATERIALS FOR COIN TELEPHONE STATIONS



AT&T provides several types of tools, gauges, and materials for our customers which may be required in addition to those normally carried to properly install, modify, or maintain coin telephone sets. The following is a representative list of the items most commonly ordered.

### Ordering Information

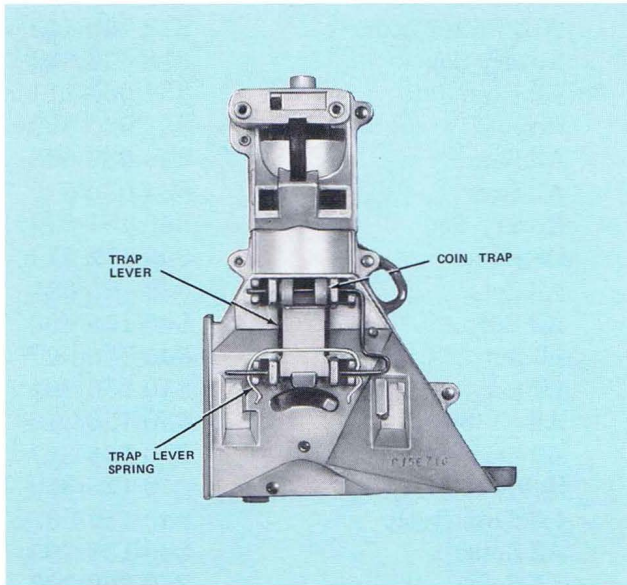
| Description | Used To  | Comcode     |
|-------------|--|-------------|
| 139B Tool   | Level coins. (Reads calibrated scales at the top of slider.)   | 100 750 744 |
| 216C Tool   | Replace information plate assembly, number card, or terminate conductors on 123A1A Protector or similar binding post terminal. (Dual purpose wrench — 3/8 inch hexagon socket on one end and 7/16 inch hexagon socket on the other end.) | 102 450 574 |
| 265C Tool   | Burnish contacts. (Consists of a chuck having a rubber handle and a magazine. The chuck will hold any No. 266-type tool. Furnished with three No. 266C and six No. 266E tools.)  | 100 751 221 |
| 376A Tool   | View contacts. (A magnifying mirror.)  | 100 752 146 |
| 528A Tool   | Clean out key slots. (Consists of two implements in a leather holder. Each implement consists of a piece of music wire with a handle.)   | 100 753 623 |
| 719A Tool   | Open coin cover units, coin cover assemblies, door and faceplate assemblies, and cash compartment locks.   | 100 755 594 |

| Description                            | Used To  | Comcode     |
|--|--|-------------|
| 787A Tool                              | Release dimes jammed in coin chute of 1- and 2-type Coin Telephone Sets.   | 102 333 671 |
| KS-22437<br>Leveling Device            | Install a coin telephone set. (Eliminates the need for a spirit level.)  | 402 617 401 |
| KS-6320<br>Orange Stick                | Remove stuck coins and trip the hopper trigger.  | 996 780 946 |
| KS-14995, List 3<br>Tool, Collect Coin | Trap and vane release test.  | 400 597 985 |
| KS-21107, List 1<br>Releaser           | Remove dial finger wheel. (Replaces KS-16750, List 4 Releaser.)  | 401 403 977 |
| 802485854*<br>Release Tool             | Release 27A "key-snatcher" lock.   | 802 485 854 |
| KS-20950, List 2<br>Cover Parking Tool | Mount cover unit assembly of 1A-, 1C-, and 1E-type Coin Telephone Sets to corner of housing and mounting plate assembly. (Permits troubleshooting without use of P11C Cord.) | 400 762 332 |
| KS-21468, Tone<br>Pickup Coupler       | Test the field coil adapter in G3-type Handsets.   | 401 540 554 |
| 146B Gauge                             | Perform coin relay bias margin test.   | 101 613 669 |
| KS-22551, List 1<br>Gauge              | Adjust coin slot setscrew on magnetic coin stop for maximum coin diameter. (Material is nonmagnetic stainless steel.)  | 402 669 428 |
| E-4914 Form<br>Out-of-Service<br>Label | Identify out-of-service telephone sets. (Packaged in books of five.)   | 400 411 864 |
| KS-21462, List 1<br>Overspray Lacquer  | Touch up sets with vinyl paint finishes. (Black)   | 401 494 067 |

\*The Release Tool must be modified for use with the 32A Lock by putting a right-angle bend approximately 1/2 inch from the end of the straight portion of the tool at a 90-degree angle to the plane of the looped handle.



## MISCELLANEOUS PUBLIC PHONE COMPONENTS



AT&T manufactures thousands of components which are available to our customers for repair, upgrade, and/or change situations. These items are indispensable to your installation, maintenance, and repair personnel. The following is a representative list of those stock items most commonly ordered.

### Ordering Information

| Description                | Used With        | Comcode     |
|----------------------------|------------------|-------------|
| Gong                       | C4 Ringer        | 100 207 638 |
| Gong                       | C4 Ringer        | 100 207 653 |
| Card Holder                |                  | 103 559 035 |
| Card Selector Assembly     | 1A Coin Relay    | 811 056 860 |
| Trap                       | 1A Coin Relay    | 811 056 886 |
| Trap Lever                 | 1A Coin Relay    | 811 057 033 |
| Hex Screw                  | 1A Coin Relay    | 811 057 520 |
| Cover                      | 1A Coin Relay    | 811 057 835 |
| Cover Plate                | 1C Set           | 811 554 443 |
| Coin Return Assembly       | 1- & 2-Type Sets | 811 554 914 |
| Chute Return Assembly      | 1- & 2-Type Sets | 811 557 305 |
| Arm Reject Magnet Assembly | 20A Coin Chute   | 811 559 848 |
| Dime and Quarter Sweep Arm | 20A Coin Chute   | 811 559 970 |
| Coin Return Assembly       |                  | 812 165 462 |
| Bracket Card Holder        | 1C Set           | 812 169 472 |
| Window                     | 1E3 Set          | 812 169 480 |
| Grommet                    |                  | 812 260 081 |
| Entrance Stop              | 20A Coin Chute   | 812 363 612 |
| Spring                     | 2C Set           | 812 365 906 |
| Security Screw             | 1-Type Set       | 812 367 902 |
| Nickel Separator           | 20A Coin Chute   | 812 450 146 |
| Dime Separator             | 20A Coin Chute   | 812 450 153 |
| Quarter Separator          | 20A Coin Chute   | 812 450 161 |
| Quarter Divider Assembly   | 20A Coin Chute   | 812 453 231 |

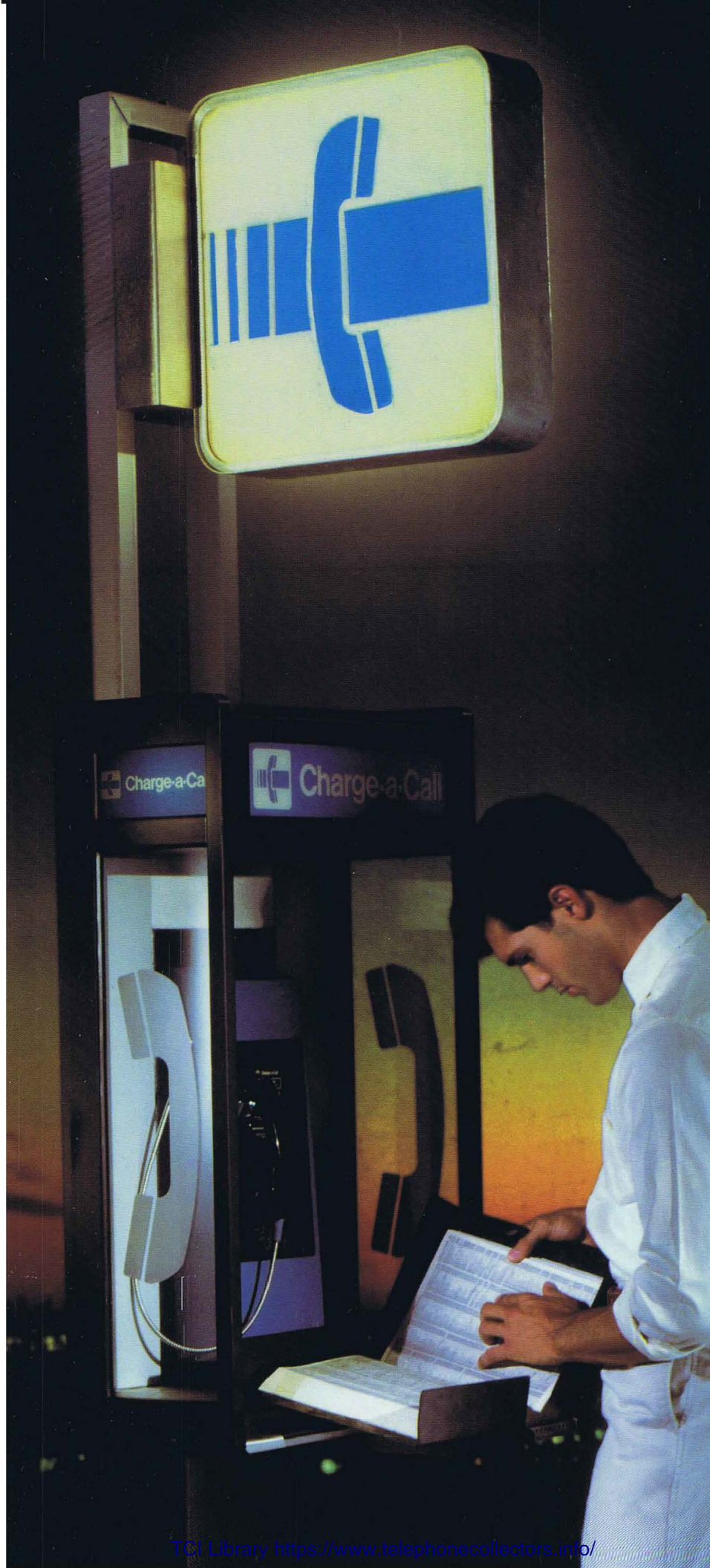
| Description               | Used With       | Comcode     |
|---------------------------|-----------------|-------------|
| Dime Divider Assembly     | 20A Coin Chute  | 812 453 249 |
| Damper Arm Assembly       | 20A Coin Chute  | 812 750 412 |
| Number Plate              | Rotary Set      | 818 418 527 |
| Booster Spring            | All Coin Sets   | 834 080 111 |
| Trap Pin                  | Hopper          | 834 080 368 |
| Security Stud             | All Sets        | 834 080 608 |
| Security Stud             | All Sets        | 834 080 616 |
| Finger Wheel              | Rotary Set      | 840 151 872 |
| Cup Assembly              | Handset         | 840 152 474 |
| Screw                     | All Sets        | 840 153 381 |
| Screw                     | All Sets        | 840 155 600 |
| Information Plate         | 1E Set          | 840 156 087 |
| Faceplate                 | 1C Set          | 840 156 301 |
| Information Plate         | All CF Sets     | 840 156 319 |
| Information Plate         | All DTF Sets    | 840 156 327 |
| Blue Grommet              | Handset         | 840 156 350 |
| Trap Lever Spring         | 1A Coin Relay   | 840 157 333 |
| Screw                     | All Sets        | 840 157 390 |
| Switch Hook               | All Sets        | 840 358 303 |
| Shaft Holder Assembly     | All Sets        | 840 358 725 |
| Faceplate                 | Rotary Set      | 840 360 358 |
| Capacitor Board Assembly  | All Sets        | 840 362 024 |
| Number Plate              | Rotary Dial     | 840 503 098 |
| Light Guide               |                 | 840 503 106 |
| Number Plate              | 8-Type Dials    | 840 503 510 |
| Number Plate              | 8-Type Dials    | 840 503 528 |
| Oscillator Assembly       | Chassis         | 840 692 313 |
| Handset Weight            | Handset         | 840 698 252 |
| Field Coil Assembly       | Handset         | 840 698 294 |
| Cord & Plug Assembly      | Dial Housing    | 841 012 123 |
| Plunger & Switch Assembly | Dial Housing    | 841 012 255 |
| Switch & Bracket Assembly | Dial Housing    | 841 012 297 |
| Screw                     | All Sets        | 841 067 283 |
| Upper Housing             | VIP             | 841 382 013 |
| Lower Housing             | VIP             | 841 382 021 |
| Nut                       | All Sets        | 900 077 371 |
| Screw                     | Coin Cover Unit | 996 514 188 |

Customer instruction cards are not furnished and must be procured locally.



# Lighted SIGN

For Public  
Telephone Enclosures





## KS-22824 Lighted Sign

This durable lighted sign with its familiar phone symbol quickly identifies your public telephone facility. The sign is 20 inches square and can be used indoors and outdoors.



### Features

For your convenience, mounting instructions are supplied with each unit ordered.

- 4 1/2" wide extruded anodized aluminum frame.
- Polycarbonate lenses are available in a variety of finishes with "Phone," "Charge-a-Call" or "Phone-From-Car" graphics.
- Energy efficient, 40-watt circline fluorescent lighting, operates on pennies a day.
- Universal mounting bracket permits mounting on any vertical or horizontal surface as well as any SENTRY\* mast.

### Ordering Information

| List No. | Description  | Ordering Code |
|----------|--|---------------|
| L1       | Lens   | 403 374 861   |
| L11      | Lighted Sign - "Phone" graphics. White graphics on blue background.            | 403 384 027   |
| L2       | Lens   | 403 374 879   |
| L12      | Lighted Sign - "Phone" graphics. White graphics on bronze background.          | 403 384 019   |
| L4       | Lens   | 403 374 853   |
| L14      | Lighted Sign - "Charge-a-Call" graphics. White graphics on blue background.    | 403 384 001   |
| L5       | Lens   | 403 374 846   |
| L15      | Lighted Sign - "Charge-a-Call" graphics. White graphics on bronze background.  | 403 383 995   |
| L7       | Lens   | 403 374 838   |
| L17      | Lighted Sign - "Phone-From-Car" graphics. White graphics on blue background.   | 403 384 043   |
| L8       | Lens   | 403 374 820   |
| L18      | Lighted Sign - "Phone-From-Car" graphics. White graphics on bronze background. | 403 384 035   |
| L20      | Power Cord Assembly.   | 403 384 050   |

\*Trademark of AT&T Technologies, Inc.

For additional information or to consult with your AT&T Consumer Products Account Representative, write to:

**AT&T Technologies**  
50 Lawrence Road  
Springfield, NJ 07081







Weather-Resistant

# Directory Hanger

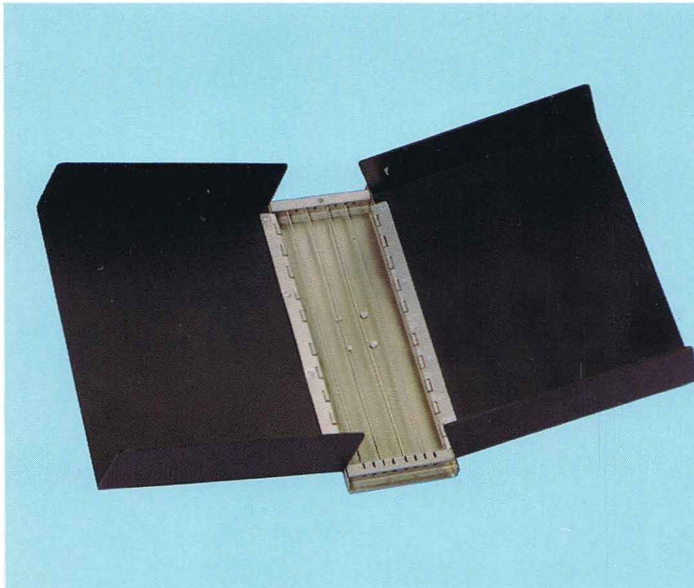
This durable Directory Hanger can be used for hanging telephone directories beneath a shelf of a telephone enclosure in either indoor or outdoor locations.





## KS-22818 Directory Hanger

With your needs in mind, this new Directory Hanger has been designed to hold either a 2" or 4" directory. Also, it houses either one, two or three 4" directories under one shelf.



### Features

- All metal parts of this durable Directory Hanger are made of stainless steel.
- Polycarbonate covers are fastened with spring-return hinges to ensure that the covers stay closed.
- Vertical motion allows the directory to be lifted to the shelf for easy access.
- Binder assembly automatically returns to the storage position when released.
- Directories are held within the hanger by support rods locked securely in place with security screws.
- Polycarbonate covers are field replaceable.

### Ordering Information

| List No. | Description  | Ordering Code |
|----------|--|---------------|
| L1       | 2" Directory Hanger  | 403 329 758   |
| L2       | 4" Directory Hanger  | 403 329 782   |
| L3       | Two 4" Directory Hangers   | 403 329 774   |
| L4       | Three 4" Directory Hangers   | 403 329 766   |
| L10      | Plate Hanger required when mounting L1 or L2 Directory Hangers under L30 Shelf and L31 or L31A Housing of SENTRY* public telephone enclosures. | 403 338 668   |
| L10A     | Plate Hanger required when mounting L3 or L4 Directory Hanger under L30 Shelf and L31 or L31A Housing of SENTRY public telephone enclosures.   | 403 338 676   |

### Replacement Parts

|      |   |             |
|------|---|-------------|
| L20  | Assembly Binder replacement cover for L1 Hanger | 403 246 168 |
| L20A | Assembly Binder replacement cover for L2 Hanger | 403 431 182 |
| L21  | Rod Support used with 3/8" or less directory    | 403 338 585 |
| L22  | Rod Support used with 2" or greater directory   | 403 338 577 |

\* Trademark of AT&T Technologies, Inc.

For more details on the Directory Hanger, or to consult with your AT&T Consumer Products Account Representative, write to:

**AT&T Technologies, Inc.**  
**50 Lawrence Road**  
**Springfield, NJ 07081**

