

# THE ADT<sup>®</sup> TRANSMITTER

vol. XLI no. 1 JANUARY-FEBRUARY 1969





## THE ADT TRANSMITTER

Published bimonthly in the interest of better protection against fire, burglary, holdup and other hazards, by the American District Telegraph Company, 155 Sixth Avenue, New York, N. Y. 10013. Please notify the editor of change of address, or error in name or address.

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American District Telegraph Company designs, manufactures, installs, maintains and operates electric and electronic detection, supervisory and alarm systems for the protection of life, property and profits. ADT also provides an extensive line of sound services, including background music, internal communications and sound amplification systems.

These same services are available in principal Canadian cities through the Dominion Electric Protection Company, the British Columbia District Telegraph Company, Ltd., and the Alberta Alarm Company, ADT-associated counterparts.

Protection services and systems are also available from ADT divisions and associated companies in Belgium, France, the Netherlands, and the United Kingdom.

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### ADT PROTECTION SERVICES

SPRINKLER SUPERVISORY AND WATERFLOW  
ALARM SERVICE

AUTOMATIC FIRE DETECTION AND ALARM  
SERVICE

AUTOMATIC SMOKE DETECTION AND ALARM  
SERVICE

AUTOMATIC HEATING, INDUSTRIAL PROCESS  
SUPERVISORY SERVICE

WATCHMAN'S REPORTING SERVICE

MANUAL FIRE ALARM SERVICE

BURGLAR ALARM SERVICE

HOLDUP ALARM SERVICE

CAMERA SURVEILLANCE SERVICE

GOVERNMENT SECURITY SYSTEMS

### ADT SOUND SERVICES

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INTERNAL COMMUNICATIONS SERVICES

PUBLIC ADDRESS AND PAGING SERVICES

EVACUATION SIGNALING SERVICE

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## Editorial

### Vandalism Smashes Records

Business firms, schools and other institutions are suffering all-time highs in the number of vandalism attacks and the losses from them. No longer are such incidents restricted to certain neighborhoods and areas. Vandalism is a threat that is rapidly spreading through every city and town in the nation.

In 1967, vandalism rose 63 per cent in the school system of a prosperous suburban Washington, D. C., county. The cost of damage caused there would have paid the annual salaries of 23 additional teachers. Destruction at New York City's schools has long been staggering—last year was no exception. A 22 per cent rise in attacks by vandals produced a loss of over \$1,000,000 in windows alone!

Industrial concerns and other businesses are not faring much better than the schools. A construction firm in New Jersey conservatively estimates that vandals added \$100 to the cost of every new home built last year.

Most of these crimes are committed by children, although an unbelievable 13 per cent of all the attacks were made by adults, including burglars and revenge-motivated employees. The majority of the

youngsters involved are out to have "fun" and do not wholly foresee the consequences of their actions. They come from every ethnic and economic background and are usually goaded into serious trouble.

Schools and industry can fight this trend by installing better physical defenses for their property. The effectiveness of such measures has had varying success, but it is also very costly. A plastic sheeting, for instance, that makes an almost impenetrable substitute for windows costs four times as much as glass.

But vandals have a wide array of destructive techniques and find ways of bypassing physical barriers. A very effective method of combatting vandals, therefore, is to detect them before they get started on a rampage. Most vandals gain momentum as they proceed; the sooner they are stopped, the less the loss.

ADT protection service can provide the reliable detection systems needed to report these offenders before they begin to damage property. Police, summoned by ADT systems, can be at the scene in moments to prevent further damage and apprehend the perpetrators. By use of such defenses, vandalism can be greatly reduced.

## Letters

AMERICAN DISTRICT TELEGRAPH CO.:

I have spent hundreds of hours riding in police cars in our area of northern Delaware gathering news material, chiefly for features we have written in behalf of police work and law enforcement. I have seen, first hand, the value of ADT protection in schools, industry and business.

As a local editor, I was very impressed when I saw a burglar running out of a dark warehouse just ahead of the "business end" of a police dog which, in the company of his uniformed master, was alerted by ADT.

Nothing prevents loss like a burglar caught in the act, before he gets away with anything.

**R. B. ROCKWELL**  
Executive Editor

*Newark Weekly*  
Newark, Delaware

## On the Cover

Setting new standards for hospitality and luxury, Hilton's newly opened Palacio del Rio hotel, San Antonio, Texas, is also architecturally interesting because of the techniques employed during its construction.

Precast concrete room modules were fully assembled elsewhere and then transported to the hotel site, at the picturesque San Antonio River bend. Once the 500 rooms, each with its own terrace, were completely furnished, they were carefully hoisted into place by the world's largest crane.

Now guests can enjoy a leisurely gondola ride on the river, take a romantic stroll alongside the man-made waterfall and illuminated fountains or spend a lively evening in nearby downtown San Antonio.

Inside the hotel, cash and valuables are protected from robbery by ADT's holdup alarm service.



## ROBBERY CASE CONTROLLED

*ADT Holdup Alarm Sends Police to Bank in Time to Spot Getaway Car; Loot Recovered and Six Suspects Arrested*

BALTIMORE, MD. — Minutes after three armed men had entered the Provident Savings Bank on October 4 and filled their pockets and a pillowcase with money, police had recovered \$6,100 of the loot and picked up six suspects.

While two of the gang waited at a rendezvous point and another sat in the getaway car, ready to speed away, three bandits inside the bank committed the robbery. One of them yelled out to the customers and employees, "This is a holdup. Everybody down." Realizing the threatening weapons were real, everyone wisely complied and fell to the floor.

However, as she dropped down, one of the tellers was able to activate an ADT holdup alarm device at 11:36 a.m. Police were on their way immediately,

even as the thugs were scooping up the cash. On their way out, the thieves paused to rob some of the customers.

Jumping into the waiting car, they took off thinking they had made good their escape. Officers arrived two minutes after receiving the ADT alarm and chased the four suspects. Turning the wrong way onto a one-way street, the fugitives crashed into an oncoming car, wrecking their own.

The gang's driver was arrested at the scene of the collision. His cohorts ran off on foot, discarding the loot-filled pillowcase underneath a parked car. Police corralled them, as well as the two accomplices they were to meet, a few blocks away.

All six suspects were taken into custody. Two were charged with the actual holdup and the other four were held as accessories to the crime.

### FLAW IN JEWELRY PLOT

MIAMI BEACH, FLA. — A clever burglar was thrown an unexpected curve on November 6 by the ADT protection system at the Peikin, Inc. jewelry store. Robert Cornez, 19, who had devised an elaborate plan to rob the store, was captured minutes after he entered.

Early that morning, Cornez had surprised the owner and his family at their home by entering the house and tying them up with cords which would have held until the robbery was over.

All the intruder wanted were the keys to the store. He wasted no time in the home of the startled owner, except to pocket \$140 cash which was lying on top of a dresser.

Cornez thought the keys would allow him to enter the store undetected by alarms. However, as soon as he turned the key in the door, ADT servicemen at the central station knew something was wrong because the opening was off schedule. Police were immediately dispatched. They arrived in time to arrest the suspect as he began to open jewelry cabinets. There was no loss.

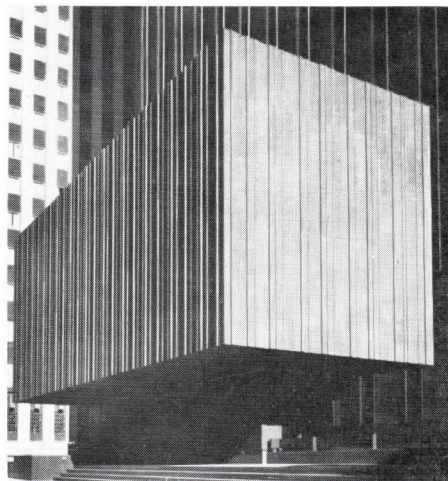


Photo by Landry

**FREE-STANDING FIRST**—Already acclaimed as a Montreal landmark, the 32-story Banque Canadienne Nationale building features the world's first free-standing outdoor vault. Suspended on pillars, the structure is connected to the main building by two 27-ton doors. Housing over a billion dollars in cash and securities, the vault's virtually tamper-free construction is further protected by a Tel-attack system installed by Dominion Electric Protection Company. The huge bank's other facilities are also protected by DEP systems.

### DUCT FIRE DOWNED

ALPHA, N. J. — A spark from an electric soldering machine recently touched off a fierce but short-lived fire in a processing room at Nytronics, Inc., manufacturers of electronics equipment. The spark ignited grease and oil inside a nearby exhaust duct.

Flames traveled quickly through the duct into the power supply room where fiber glass insulation melted from the duct and allowed the fire to reach overhead rafters. However, the blaze's rampage was soon cut off. Sprinklers, equipped with ADT automatic water-flow alarm devices, fused at 11:17 a.m., alerting fire fighters.

For the few moments which elapsed before firemen arrived and put it out completely, the fire was held by the sprinklers from making further headway. Damage was limited to the ducts and some of the power room equipment.



Baltimore News American Photo by Spicer

**END OF THE ROAD** — Officers escort two members of six-man gang which staged unsuccessful bank holdup. The swift apprehension was possible because an ADT holdup alarm was operated, enabling police to get to the scene before the suspects escaped.



# Money in the middle of New ADT service disburses current



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4

A highly specialized "vending machine" which dispenses ready cash to bank customers. That's the revolutionary new ADT service which has only recently seized the imagination of bankers from coast to coast.

Known as the ADT BANKOMAT™ system, this tested and proved-in-use automatic cash withdrawal service is being introduced to financial institutions throughout the nation.

BANKOMAT service represents a startling addition to modern banking conveniences, one which could revolutionize the whole concept of branch banking. And it's the kind of special banking service that pleases old customers and brings in new ones.

The money is dispensed through a safe-like cabinet, which can be either wall-mounted or free-standing, and is designed for maximum security. The cash disbursal procedure has built-in safeguards to provide reliability and security—yet operates in businesslike fashion to



3

An ADT BANKOMAT device provides customer service when it's needed most. Cash is obtained, when needed, in the following manner: (1) The customer's own account card is inserted into a card reader in the front of the BANKOMAT machine. A valid card releases the lock on the protective door. (2) The customer opens the protective door and indicates the number of banknotes desired, up to five, using an upper set of buttons which will be illuminated. The illumination transfers to a lower set of buttons. (3) The customer then uses the lower buttons to punch out a personal code—



# the night? for banks cy at all hours

service customers quickly, easily and accurately. The banknotes, all of one denomination, are kept in a high-security money chest within the BANKOMAT cabinet.

In order to make a withdrawal from the BANKOMAT device, a customer must have a bank-issued and validated credit card especially encoded with an account identification number. In addition, he must have a simple personal code, known only to himself and the bank, which is committed to memory.

The withdrawal procedure takes less than 30 seconds. First, the customer inserts his credit card into a slot on the front of the BANKOMAT cabinet. The card is electronically scanned and if valid, promptly unlocks a protective door. Within a small cubicle is the operations panel containing two sets of pushbuttons. The second step is to select the number of banknotes desired (from one to five only) by pressing one of the pushbuttons.



5

the customer's "signature." Approval of the personal code initiates recording of the customer's account number, the number of banknotes wanted, the time the withdrawal was made and the identifying number of the BANKOMAT unit being used. (4) When the recording is complete, the banknotes are fed out, one by one. (5) When all the banknotes have been issued, the customer closes the protective door and is able to remove the account card. The door automatically locks at the same time and the machine is ready for use again. It takes about thirty seconds for the whole process.

The third and final step is to indicate the personal memory code on the second set of pushbuttons. If the credit card number and personal memory code are found to be mutually compatible by an electronic control unit, the banknotes start feeding out through a slot to a grip position, one at a time.

Approval of the personal code initiates recording of the customer's account number, the number of banknotes selected, the time and date of the transaction, and the BANKOMAT unit's identifying number—all before the money is dispensed. BANKOMAT systems are compatible with data processing equipment for completely automated record keeping.

In order to retrieve his credit card from the outside slot, the customer must first close the protective door, thereby automatically relocking it. One of the advantages of the BANKOMAT cash disburser is that the credit card is returned to the customer on the spot, and not by the bank at a later date. This permits him to make another withdrawal later, if he so desires, without waiting for the bank to return his card, or being required to go to the bank for vouchers.

In event the customer presses the wrong personal code, the entire withdrawal procedure must be repeated from the beginning (the door must be closed and the credit card removed before attempting again.) If the personal code is wrong the second time, withdrawals from the account will be blocked and the credit card will be retained by the machine. Delinquent accounts can also be blocked by the bank's accounting department.

The bank will arrange for installation, and ADT will make final hookup and tests. ADT, a leading supplier of special bank protection systems for many years, can also provide alarm and supervisory systems for added security for the BANKOMAT system.



The ADT BANKOMAT system represents a totally new idea in customer service. It would give any bank a real competitive edge.



## BURGLARY

### BROTHERS IN CRIME

#### *Three Suspects, Discovered by ADT Alarm, Engage in Comedy of Errors*

MADISON, WISC. — A safe-cracking gang, consisting of three bungling brothers, recently failed to complete a job at Poole's of Northgate restaurant. Their big mistake was to pass through the ADT-protected inner door, which triggered an alarm at 3:06 a.m.

An ADT serviceman and a policeman entered the building a few moments later. They quickly discovered one of the brothers as he walked from an office with a crowbar in hand. He was promptly arrested.

Inside the office, another brother was unsuccessfully attempting to burn his way into a safe with an inexpensive propane torch that was very inadequate for the task. Busy at work when ordered to come out by the officer, he asked, "Why? Is someone coming?" He was also arrested.

With that, the telephone in the office rang and the policeman answered it. A voice on the other end hurriedly gave the following message: "You two guys better get out of there. There are cops all around the building." The caller turned out to be a third brother who was serving as a lookout across the street in a phone booth. He was taken into custody, and he and his brothers were charged with burglary and attempted safe robbery.

### REFRESHING SECURITY

COLUMBUS, OHIO — Carrying an armload of food and other items he had taken, a 16-year-old youth emerged from the concession stand at the East Main Amusement Co., drive-in theater, and into the hands of arriving police.

When the burglar burned through a fiber glass door with a cigarette lighter and reached inside to unlock it at 4:14 that Sunday afternoon, he unknowingly also sent out an ADT alarm signal. Officers responded in plenty of time to capture the young man and take him into custody.

### CAN'T BYPASS ALARM

SEATTLE, WASH. — Three intruders recently exerted a great deal of effort in a vain attempt to burglarize the vault at the West Coast Wholesale Drug Co. The firm occupies a seven-

story building. In order to bypass anticipated alarm systems, the trio climbed from the street level to the roof on an outside fire escape.

Inside, they found a stairway and walked back down seven floors to the vault on the first floor. Along the way they had to cut through two doors and a wall. Thinking their hard work had earned them freedom from detection, they calmly proceeded to work on the safe with a cutting torch.

An ADT protection system guarded the vault, however. Realizing too late that they triggered an alarm at 12:20 a.m., the intruders abandoned their tools and hurriedly retraced their steps to the roof on the interior stairs, then down the fire escape again. They were met at the bottom by arriving police who took them into custody.

### TRULY THANKFUL

PRINCETON, N. J. — Fearful for the safety of his family because of the nationwide crime increase, a prominent businessman had ADT residential protection installed in his home early last October. The system provides much-appreciated peace of mind, especially when business trips are frequent.

Early Thanksgiving evening, the ADT protection proved its value. A burglar had quietly entered the house through an unprotected pantry window. He unknowingly activated an Invisible-Ray device on the first floor when he started to move about inside the house at 6:06 p.m. The Invisible-Ray system signals the presence of any person who interrupts a photoelectric beam projected across a protected area.

Police arrived in a few minutes and apprehended the intruder before he could cause any harm. The suspect was taken into custody.

### STAGGERED INTO TROUBLE

AKRON, OHIO — An inebriated burglar cannot be expected to use the best of judgment, but trying to break into an ADT storeroom is too much. An ADT serviceman, sent to investigate the alarm received at 4:08 p.m. that afternoon, discovered William Rice, 67, working on the rear door.

Rice had a hatchet, knife and screwdriver. He had broken the door glass and was diligently hacking away at the protective screen. He surrendered to the ADT guard without a struggle. Police arrived soon after and took Rice into custody, charging him with intoxication and attempted breaking and entering. There was no loss.

## FIRE

### FOUNDRY FIRE STAMPED OUT

#### *Sprinkler and ADT Alarm Put Down Spontaneous Ignition in Factory*

CLEVELAND, OHIO — A fire that could have very easily gotten out of hand and caused great damage was held in check by one sprinkler head when a flare-up recently occurred in the foundry of The Crucible Steel Castings Co.

The head fused at 4:50 a.m., thereby activating an ADT water-flow alarm system which operates whenever water flows anywhere in the system. The fire began when wooden frames, used in preliminary molding operations, were stacked together before they had sufficiently cooled. Flames spontaneously erupted a few minutes later, but they were confined to the frames by the sprinkler. Within a very short time, fire fighters had arrived in response to the alarm signal. The fire was then swiftly extinguished and damages were held down to the negligible amount of \$30. Also due to quick detection of the flare-up, work production was not interrupted and a normal day was begun.

### DRYER NECESSITY

BUFFALO, N. Y. — Employees at the Coverall Service & Supply Division of American Linen Supply Co., Inc., left the drying room for lunch recently, accidentally leaving the heat turned on in the clothes dryer. Uniforms inside the machine caught fire and two sprinkler heads above the equipment fused, transmitting an ADT waterflow alarm signal at 12:37 p.m.

Moments later, fire fighters were on the scene and the flames were promptly put out. Damage, under \$100, was limited to the vicinity of the dryer and to the clothing it held.

### WALL FIRE PUT DOWN

SEATTLE, WASH. — Catching fire on a recent extremely cold night from an overheated radiator, wall furnishings and finish flared up to threaten the office of the Tyee Lumber Co.

Possible heavy damage to the building was averted when several heads fused on the ADT-supervised sprinkler system. A waterflow alarm automatically alerted fire fighters who quickly extinguished the blaze. Damage was not extensive.



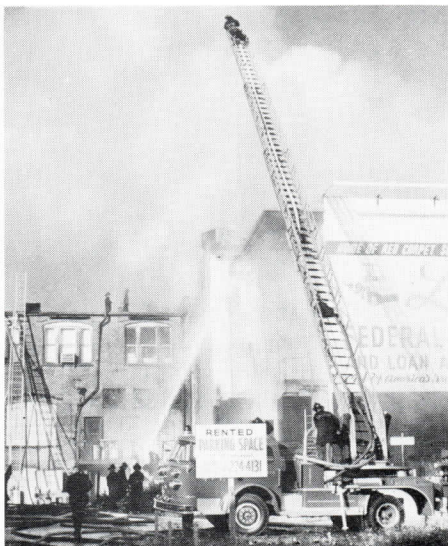


Photo by Florida Times-Union

**SOUTHERN DISCOMFORT**—Tallahassee's worst fire in modern times recently destroyed Mendleson's Department Store and damaged an adjacent savings and loan association. The \$1,000,000 blaze, of unknown cause, began sometime during the night and was discovered by a passing motorist at 2:30 a.m., long after it had made considerable headway.

#### ADT PART OF PROCESS, TOO

CANOGA PARK, CALIF.—A defective heat gauge on a cooking vat, in which electronics parts are processed at the Advanced Circuitry Division of Litton Industry, recently caused a flash fire. When the liquid became overheated it ignited, fusing one sprinkler head.

As water began to flow at 6:01 a.m. to control the flare-up, an ADT water-flow alarm was simultaneously set off. Fire fighters were immediately notified, the fire was quickly extinguished and no loss was reported.

#### CORKING GOOD PROTECTION

BALTIMORE, MD.—A cork spraying-machine that was recently being dismantled by workmen using acetylene torches at the Crown Cork and Seal Co., unexpectedly caught fire. Sparks from one of the torches ignited grease which had accumulated on the oil-dispensing mechanism of the spraying apparatus.

As the fire quickly spread to nearby cork waste, five sprinkler heads fused and controlled the flames until fire fighters arrived to put them out. The fire department was automatically informed of the situation by an ADT waterflow alarm transmitted when the heads opened. The mishap caused no damage and no loss.

## ORGANIZATION

### PROMOTIONS

D. E. Kloster, assistant manager, field work simplification, Service Department, has been promoted to the position of staff assistant, effective November 1. Mr. Kloster will have overall responsibility for the administration of the ADT collection program.

J. H. Heming, assistant district sales manager, has been promoted to district sales manager, Seattle District, effective January 1. He will replace Mr. W. J. Dahl who is retiring.

G. J. Kiesler, assistant district sales manager, Chicago District, has been promoted to district sales manager, St. Louis District, effective January 1.

### RETIREMENTS

William A. Bird, serviceman, Brockton, retired December 1. He started with the company on July 1, 1939. Mr. Bird resides at 258 Court Street, Brockton, Mass. 02402.

Richard J. Habermann, district service manager, Houston, retired on November 1. Mr. Habermann joined ADT on September 20, 1921. He lives at 6615 Rutgers, Houston, Tex. 77005.

Floyd N. Jessmore, serviceman, Saginaw, retired on November 1. He first came to work for the company on January 4, 1946. Mr. Jessmore's address is 2626 Elmwood, Saginaw, Mich. 48601.

Preston W. Millhouse, service supervisor, Allentown, retired on October 1. Mr. Millhouse joined ADT on September

6, 1940. He lives at 616 North 16th Street, Allentown, Pa. 18102.

Mrs. Genevieve M. Oliger, stenographer, Chicago, retired on November 1. Mrs. Oliger started with ADT on October 17, 1933. She resides at 1430 B North Harlem Avenue, River Forest, Ill. 60305.

Warren P. Ray, sales representative, Boston District, retired on October 1. He began to work for the company on November 4, 1919. Mr. Ray resides at 13 Trask Road, Peabody, Mass. 09160.

Grant J. Richardson, serviceman, Minneapolis, retired September 1. Mr. Richardson's career with ADT started on August 28, 1948. He lives at 7208 Park Avenue South, Minneapolis, Minn. 55423.

Clarence A. Ziegler, sales representative, Baltimore, retired on October 1. He began his career with the company on April 7, 1932. Mr. Ziegler lives at 3715 Sternberg Avenue, Schofield, Wisc. 55476.

### PERSONNEL ANNIVERSARIES

During the months of November, and December, the following employees observed anniversaries with ADT:

#### 25 Years

(Engineering)

GEORGE C. BRAUN, New York

(Service)

MRS. YVONNE CALDWELL, San Francisco

GILDARDO DELCASTILLO, Los Angeles

PERCY J. HARVEY, Des Moines

JAMES E. JOHNSON, Akron

JAMES W. ROGERS, San Francisco

ROBERT R. RUFFING, Fort Wayne

ALVAH SIMPKINS, Albany

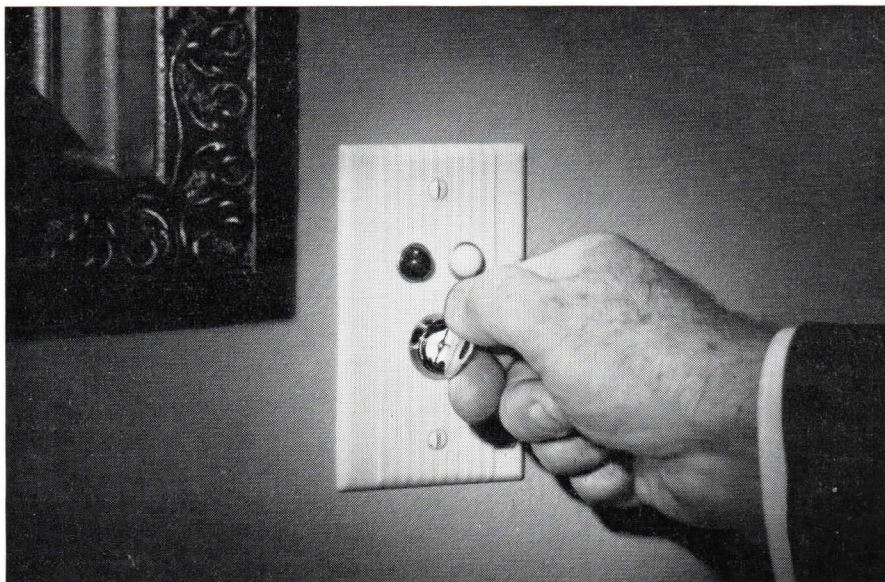
GEORGE E. STRAWSER, Columbus



**SOUND THEORY TAUGHT**—W. J. Robinson, district sales manager, Washington District (left), stands with graduates of initial sound services course. Sales Representatives (left to right) H. C. Hall, S. L. Lincoln, E. G. Lestardo and W. B. Conaty had a comprehensive one-week training session at the ADT demonstration studio in Washington, D. C. and in the field.



# Here's the key to home security— and family peace of mind



An ADT residential burglar alarm system "sensitizes" your home against intruders. If entry is attempted, the system triggers an outside alarm, or silently signals an ADT central station or police headquarters. Occupants can summon police secretly with emergency call-devices. ADT, long a leader in supplying protection services to business and industry, designed this new protection system specifically for home requirements. Regular maintenance is included in the low monthly service fee.

For further details or free survey,  
phone your nearest ADT  
representative listed in the Yellow  
Pages under "Burglar Alarms,"  
or write for free brochure  
"Will Your Home Be Next?"



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