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telephone equipment & supplies

**of TELEPHONE EQUIPMENT
& SUPPLIES CATALOG**

ISSUED SEPTEMBER, 1966

RECORDERS & ANNOUNCERS

	Page
Recorder-Announcers	
Type INT, Single-Channel, Fixed Message Length, Compact Transistorized Recorder-Announcers; for Automatic Intercept Service	2
Type SCC, Single-Channel, Fixed Message Length, Compact Transistorized Recorder-Announcers; for Automatic Intercept Service	2
Type MCF, Multi-Channel, Fixed Message Length Recorder-Announcers; for Automatic Intercept Service	3
Type VMC, Single-Channel, Variable Message Cycle Recorder-Announcers	4
Type FML, Single-Channel, Fixed Message Length Recorder-Announcers	5
Weather Announcers	
Automatic Weather Announcers	6
Time Announcers	
Type B Automatic Time Announcers	7

AUTOMATIC ELECTRIC COMPANY

NORTHLAKE, ILLINOIS 60164 / TELEPHONE (312) 562-7100

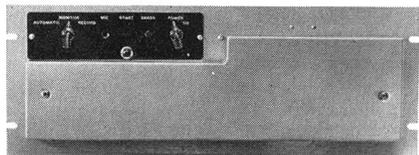
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Intercept Recorder-Announcers

Provide quick, dependable repetitive services, such as interception of calls to disconnected lines, dead levels, etc. They are also used for advertising messages and can be set to run continuously, or on a start-stop basis.

Install one in each telephone exchange or move as necessary to intercept calls closest to the point of origin. The units meet every requirement when only one intercept message is needed. Two units provide two different messages.

Type INT Compact Transistorized Recorder-Announcers
Single-Channel, Fixed Message Length—For Automatic Intercept Service



The transistorized INT magnetic recorder consists of a record-playback amplifier and tape mechanism. A microphone allows the message on the twelve-second tape loop to be changed when desired; separate erase and record cycles.

The unit is designed for installation on 19-inch relay racks. Aluminum panel material. Multi-conductor fanning strip.

NOTE: Specify whether unit is to be AE or WE rack mounted.

Capacity . . . up to 25 callers simultaneously.

Recording cycle . . . 12 seconds.

Recording medium . . . magnetic tape loop.

Motor . . . capacitor-induction.

Amplifier . . . combined record and playback; output for:
 INT-2A, 600 ohms impedance, +7 dbm.;

INT-2A-AE, 600 ohms impedance, +7 dbm.;
 INT-2B, 25 ohms impedance, 1.15 watts;
 INT-2B-AE, 25 ohms impedance, 1.15 watts.

Operating current . . . 115 volts, 60-cycles, a.c. and 48 volts, d.c. (equipment can be arranged to operate from power other than that listed).

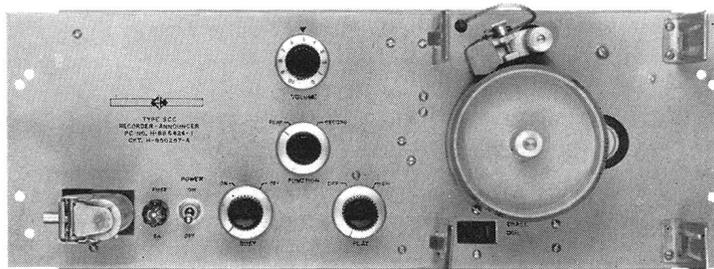
Panel dimensions . . . width, 19 inches; height, 7 inches.

INT-2A*	Provides power for up to 5 trunks.....	each	\$250.00
INT-2A-AE	Provides power for up to 5 trunks.....	each	260.00
INT-2B*	Provides power for up to 25 trunks.....	each	280.00
INT-2B-AE	Provides power for up to 25 trunks.....	each	290.00

*Not for use with Automatic Electric equipment.

TECHNICAL LITERATURE: 209-461-100, Description; 209-461-200, Installation; 209-461-300, Operation; 209-461-700, Maintenance.

Type SCC Compact Transistorized Recorder-Announcers
Single-Channel, Fixed Message Length—For Automatic Intercept Service



The SCC Recorder-Announcer consists of a combined record-playback amplifier and drum mechanism. The transistorized unit is designed for installation on 19-inch relay racks, but may be used as a portable unit.

To record or change the message, speak into a standard phone. Separate erase and record cycles.

Steel panel material. Multi-conductor fanning strip. The Recorder-Announcer connects to the telephone exchange by special trunk circuits.

Capacity . . . 50 callers simultaneously.

Recording cycle . . . 12 seconds.

Recording medium . . . magnetic drum recorder.

Motor . . . capacitor-induction.

Amplifier . . . combined record and playback; output, 2

watts, 8 ohms impedance (internal); 500 ohms impedance (external).

Operating current . . . 115 volts, 60 cycles, a.c. and 48 volts, d.c. (equipment can be arranged to operate from power other than that listed).

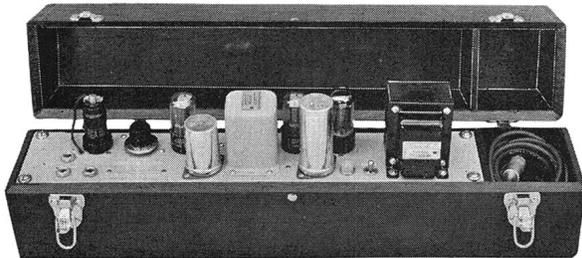
Panel dimensions . . . width, 19 inches; height, 7 inches

H-886426-1 Single Channel, Compact Transistorized Recorder-Announcereach **\$455.00**

TECHNICAL LITERATURE: 209-460-106, Operation; 209-460-206, Installation; 209-460-306, Maintenance.

Type MCF Recorder-Announcers

Multi-Channel, Fixed Message Length—For Automatic Intercept Service



Portable Erase & Record Amplifier

The MCF unit provides repetitive services, such as interception of calls to disconnected lines, dead levels, etc. The MCF Announcer is capable of giving five different messages at once. Each message output is capable of handling up to 70 callers at a time. Each caller is cut in at the beginning of a recorded message and is automatically cut off at the end. The only calls that need to be referred to an operator are changed telephone numbers.

To record or change messages, set the patching cords and switches for proper channel; erase and speak the message into the phone. Set the announcer to run continuously, or on a start and stop basis.

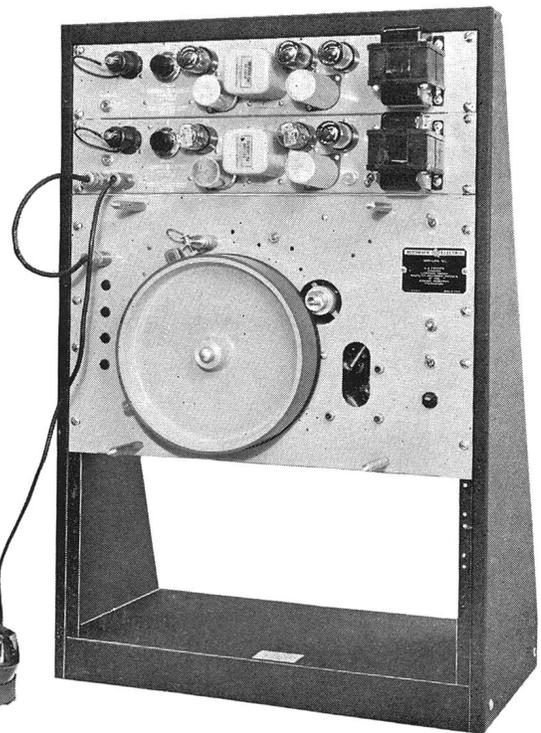
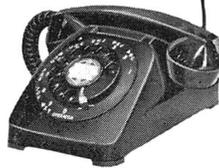
The MCF consists of a recorder, recording amplifier, and as many pickup heads and playback amplifiers as there are messages wanted. A unit of one pickup and one playback amplifier (strip-mounted) is required for each message.

A portable erase and record amplifier is optional. When more than one MCF unit is used, only one portable amplifier is necessary to record with all units. This eliminates the need of buying additional MCF units with recording amplifiers. The result: reduced cost to the telephone company.

Designed for installation on standard 19-inch relay rack (rack not included with purchase of MCF Recorder-Announcer). Adapters available for installation on other size racks. Steel panel material. Multi-conductor fanning strips; shielded cords and plugs. Announcer connects to exchange by special trunk circuits.

Capacity . . . 5 channels; 70 callers simultaneously on each channel; total of 350 callers could be served simultaneously.

Announcing cycle . . . 6½ or 12 seconds.



MCF Recorder-Announcer mounted on 19-inch relay rack (phone and rack not included)

Recording medium . . . magnetic drum recorder.

Motor . . . capacitor-induction.

Amplifier . . . simple audio; output, 2 watts, 8 ohms impedance (internal); 500 ohms impedance (external).

Operating current . . . 115 volts, 60 cycles, a.c. and 48 volts, d.c. (equipment can be arranged to operate from power other than that listed).

Panel dimensions . . . width, 19 inches; height amplifier and control panels, 3½ inches; height recorder panel, 12¼ inches.

Description	With a Recording Amplifier		With a Portable Recording Amplifier		Without Any Recording Amplifier	
	Ordering No.	Price Each	Ordering No.	Price Each	Ordering No.	Price Each
1 Channel System	SS-15544-1B	\$717.30	SS-15544-1C	\$744.80	SS-15544-1A	\$572.30
2 Channel System	SS-15544-2B	909.95	SS-15544-2C	937.45	SS-15544-2A	764.95
3 Channel System	SS-15544-3B	1102.65	SS-15544-3C	1130.15	SS-15544-3A	957.65
4 Channel System	SS-15544-4B	1295.40	SS-15544-4C	1322.90	SS-15544-4A	1150.40
5 Channel System	SS-15544-5B	1488.20	SS-15544-5C	1515.70	SS-15544-5A	1343.20

SS-15069-1 Portable Recording Amplifier Only each **\$172.50**

NOTE: Type MCF is not furnished rack mounted. If a mounting rack is desired, specify:

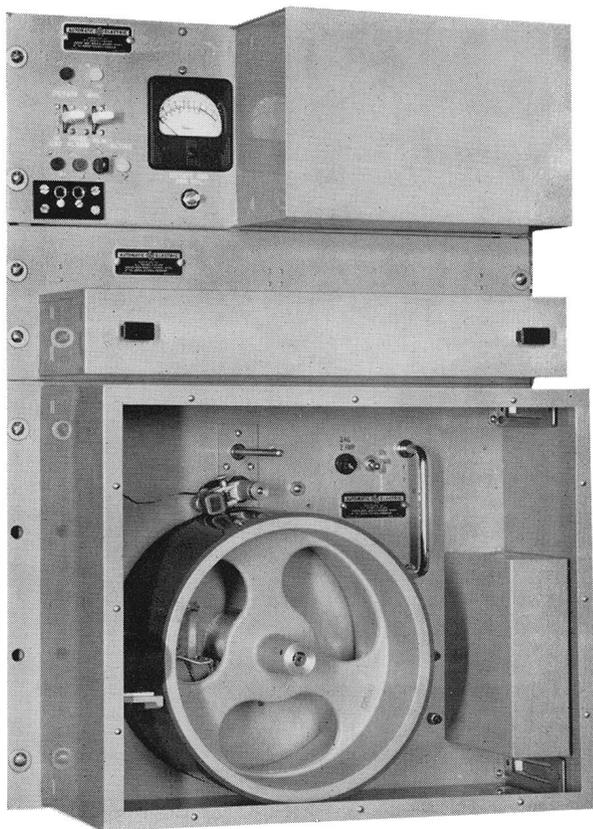
SS-15087-3 Relay Rack Only; 36¼x19-Inch. each **\$30.00**

TECHNICAL LITERATURE: 440-496, Operation, Installation and Maintenance.

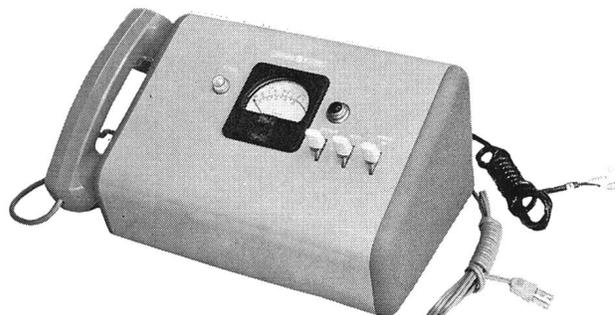
Prices are subject to change without notice.

Type VMC Recorder-Announcers

Single-Channel, Variable Message Cycle



VMC Recorder-Announcer



Remote Control Unit

The VMC Recorder-Announcer provides weather forecasts, advertising messages, etc. Dialing the correct phone number activates the announcer; the caller is cut into a listening circuit and receives the recorded message.

The unit can be used for any length message up to a maximum of four minutes. Only the recorded portion of the drum is played back. If a shorter message is recorded, there is no dead period of quiet. The pickup head automatically resets to the starting point at the end of the message. If the unit fails to deliver proper audio output, an alarm is sounded.

A remote control unit is provided for remote operation in the same building or at a distant point. Messages can be recorded at any time, and from various locations with this remote control unit.

The VMC consists of a coupling panel, control relay group, recording mechanism, and combined recording and playback amplifier. Simultaneous erase and record cycles.

Designed for installation on 19-inch relay racks (adapters available for installation on other size racks). Steel panel material. Multi-conductor fanning strips.

The announcer connects to exchange by special trunk circuits.

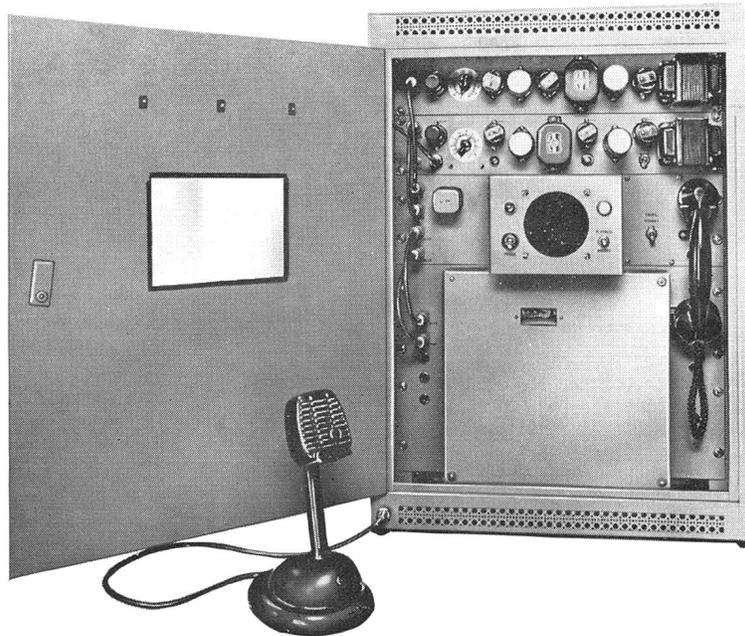
- Capacity . . .** 100 callers simultaneously.
- Recording cycle . . .** from 12 seconds to 4 minutes.
- Recording medium . . .** magnetic drum recorder.
- Motor . . .** capacitor-induction.
- Amplifier . . .** combined record and playback; output, 5 watts, 8 ohms impedance.

- Operating current . . .** 115 volts, 60 cycles, a.c. and 48 volts, d.c. (equipment can be arranged to operate from power other than that listed).
- Panel dimensions . . .** width, 19 inches; height of entire unit, 33 inches.
- Remote Control Unit dimensions . . .** width, 11¼ inches; height, 6 inches; depth, 7½ inches.

- H-884705-1** Single-Channel, Variable Message, Recorder-Announcer and Remote Control Unit.
Without 19-Inch Rack. Common Equipment Is Necessary but Will Depend upon
Service Desired each **\$1,970.00**
- H-883384-1** Remote Control Unit Only each **310.00**

TECHNICAL LITERATURE: 440-494, Operation, Installation and Maintenance.

Type FML Recorder-Announcers
Single-Channel, Fixed Message Length



The FML Recorder-Announcer is designed primarily to provide fire-location information for members of volunteer fire departments. Recorded information is played back over a loudspeaker and continues to play until the equipment is turned off. Firemen hear the announcement over special trunk circuits by dialing an unlisted number.

An auxiliary remote control unit can be installed anywhere in the same building to permit recording from a second point. Control operations can be performed from either the remote control unit or the main unit. If the regular power supply fails, a telephone handset, powered by three dry-cell batteries, is provided for transmission of information.

The FML unit consists of a playback amplifier, recording amplifier, control panel, loop panel and power supply. It is assembled in a gray steel cabinet with doors at front and rear. The recording unit is enclosed in a tight-fitting steel cover. The compact unit can easily be placed on a desk or table.

Simultaneous erase and record cycles. Multi-conductor fanning strips; shielded cords and plugs. Announcer connects to exchange by special trunk circuits.

Capacity . . . 70 callers simultaneously.

Announcing cycle . . . 6½ or 12 seconds.

Recording medium . . . magnetic drum recorder; capacity, one announcement at a time.

Motor . . . capacitor-induction.

Amplifier . . . simple audio; output, 2 watts, 8 ohms impedance (internal); 500 ohms impedance (external).

Operating current . . . 115 volts, 60 cycles, a.c. (equipment can be arranged to operate from power other than listed).

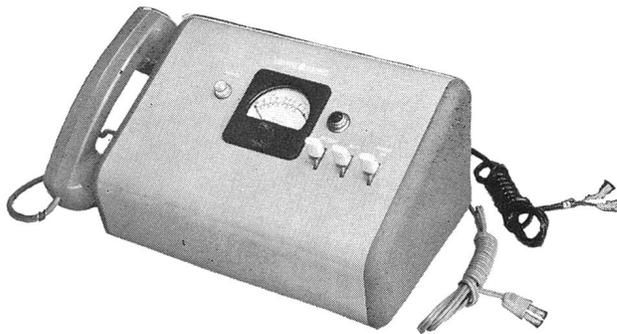
Dimensions . . . height, 28 inches; width, 20¾ inches; depth, 10¾ inches.

SS-15545-1A	Single-Channel, Fixed Message Length Recorder-Announcer; without Remote Control Unit	each	\$1,138.75
SS-15068-1	Auxiliary Remote Control Unit Only	each	80.00
SS-15545-1B	Single-Channel, Fixed Message Length Recorder-Announcer; with Remote Control Unit	each	1,218.75

TECHNICAL LITERATURE: 440-483, Operation, Installation and Maintenance.

Prices are subject to change without notice.

Automatic Weather Announcers



Remote Control Unit

The automatic Weather Announcer consists of two magnetic drum recorders, one of which announces the current weather report or any message up to four minutes. The second drum provides six channels for spot commercials, each six seconds in length. Each weather report, or other message on the first drum, is preceded by one of the six commercials in sequence. Switching from drum to drum is smooth; the caller is not aware that there are two recording drums.

A caller dialing the proper number starts the drum recorders and hears a complete commercial and weather report. When the message ends the pick-up head resets to the beginning of the message. For messages shorter than four minutes, there is no dead period of quiet. Other callers are cut in at that part of the message being played. New callers hear the end of this message, a complete commercial and a weather report before the announcer cuts off and is reset. When no calls are received the recording drums stop—reducing operating costs.

Weather report recordings can be changed easily as often as necessary. A remote control unit is used to change the message from another room in the same building, or at a weather observation post miles away. The main unit can be installed in a telephone exchange or private business. Commercials are changed from a telephone plugged into the main unit.

Commercial messages can be changed independently without disturbing others. Weather report recordings can be changed without disturbing the commercials. Commercial Drum: separate erase and record cycles. Weather Drum: simultaneous erase and record cycles.

The unit is designed for installation on a standard dark gray steel relay rack. Light gray aluminum face panels. Multi-conductor fanning strips. Shielded cords and plugs.

The Weather Announcer connects to the telephone exchange by special trunk circuits.

Capacity . . . up to 500 callers simultaneously.

Announcing cycle . . . 4 minutes 6 seconds maximum (including 6-second commercial).

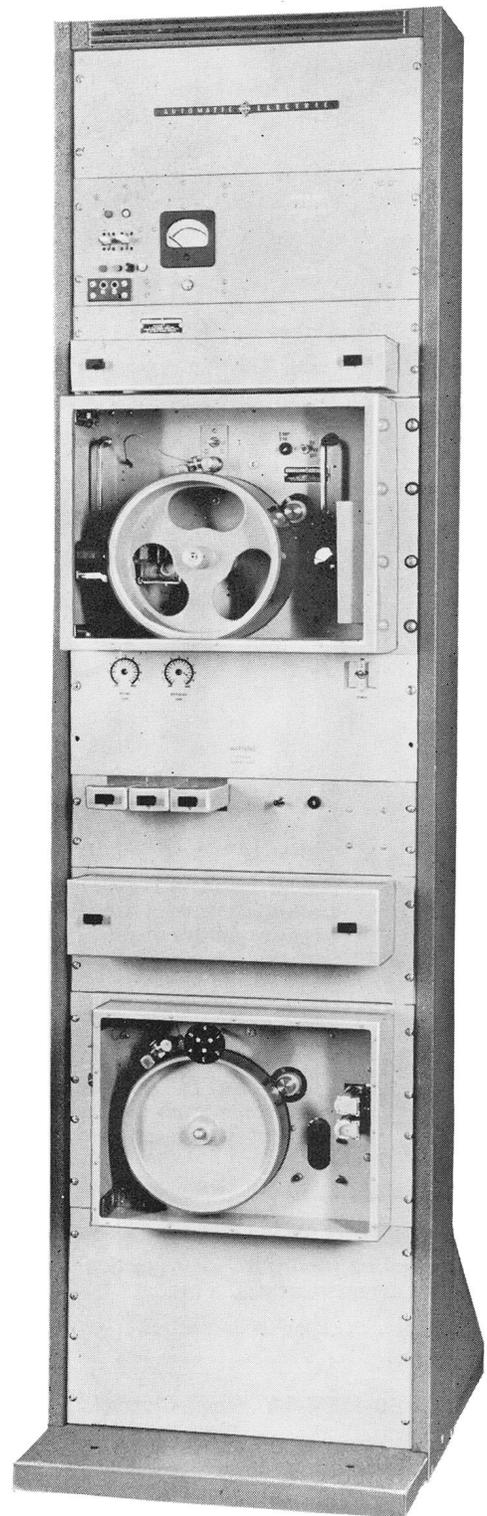
Recording medium . . . two magnetic drum recorders operated in sequence. Up to six commercials on bottom drum.

Motor . . . capacitor-induction.

Amplifier . . . combined record and playback; output, 10 watts, 4 ohms impedance.

Operating current . . . 115 volts, 60 cycles, a.c. and 48 volts, d.c.

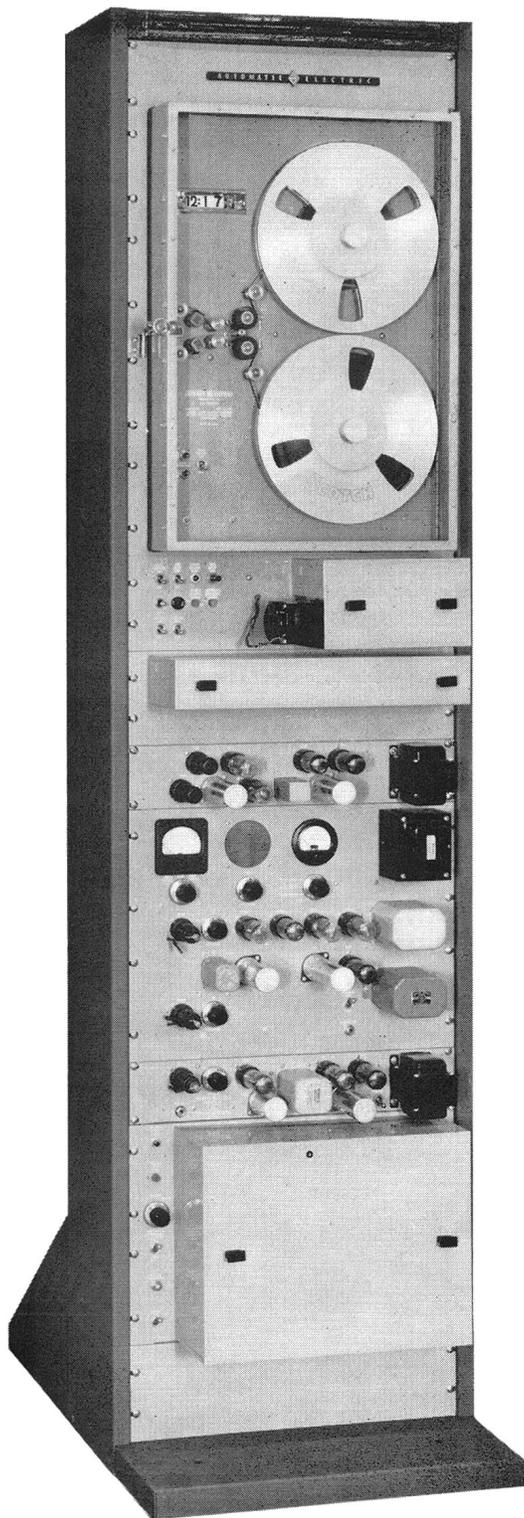
Dimensions . . . height, 80 inches; width, 22 inches; depth, 20 inches.



Weather Announcer mounted on 19-inch relay rack

SS-15633-1 Automatic Weather Announcer with Remote Control Unit and 19-inch Relay Rack	each	\$5,975.00
H-883384-1 Remote Control Unit Only	each	310.00

Type B Automatic Time Announcers



The Automatic Time Announcer is a self-contained unit, which permits operating companies to provide accurate verbal time announcements from recordings on magnetic tape. It is adaptable to all automatic and manual exchanges.

The service avoids the expense and possibilities of errors when time announcements are given by operators. Telephone Companies can gain additional revenue from the sale of commercial advertising between each time announcement.

Upon dialing the correct number, the caller is cut into a listening circuit where he receives the commercial or public service announcement and the correct time.

Time and commercial announcements are taken from two separate devices that operate in sequence. A synchronous-clock-and-cam arrangement insures accuracy to the second. Where commercial current frequency is not accurately maintained, frequency-regulation equipment is available. If current fails, an auxiliary power supply cuts in to maintain continuing broadcasts; at the same time, an emergency alarm is actuated.

Time announcements are given every 15 seconds. In the interval, the caller hears one of six commercial messages. Fifty callers can hear the sequence of commercial and time simultaneously. For example—

“Plan for the future now. Start a savings account at the Boulevard State Bank . . . At the tone, the time will be 11:18 exactly (tone signal)”.

Time announcements come pre-recorded by a professional announcer. Commercials are easily recorded with a standard phone by the advertiser or anyone. Commercial length is six seconds—time to speak about 15 words. No extra equipment is needed. Separate erase and record cycles for each channel.

Assembled on a standard steel relay mounting rack; finished in dark gray. Aluminum equipment panels are medium gray. Multi-conductor fanning strips; shielded cords and plugs. Clear plastic covers the commercial recorder and electrical controls.

The announcer is installed in the exchange, or on the premises of the advertiser. It connects to exchange by special trunk circuits.

Capacity . . . approximately 50 callers simultaneously.

Announcing cycle . . . every 15 seconds, including 6 seconds for commercials.

Recording medium . . . magnetic-tape recorder provides time announcements; magnetic drum recorder for up to six commercials.

Motor . . . capacitor-induction; (clock motor is synchronous).

Amplifier . . . simple audio; 8 watts, 1 ohm impedance.

Operating current . . . 115 volts, 60 cycles, a.c. and 48 volts, d.c. (equipment can be arranged to operate from power other than that listed).

Dimensions . . . height, 80 inches; width, 22 inches; depth, 20 inches.

- SS-15162-1A** Automatic Time Announcer with Emergency Power Unit. Rack Mounted. each **\$5,975.00**
- SS-15162-1B** Automatic Time Announcer without Emergency Power Unit. Rack Mounted. each **5,725.00**
- RG-5143-A** Common Equipment (One Required). each **111.46**

TECHNICAL LITERATURE: 440-489, Operation, Installation and Maintenance.

Prices are subject to change without notice.

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