



561

PRIVATE AUTOMATIC TELEPHONE SYSTEM



10-LINE

PAX AMD 222

NOW YOU CAN HAVE YOUR OWN FULLY AUTOMATIC TELEPHONE SYSTEM

L M Ericsson's Automatic Telephone System AMD 222 is designed to meet your specific needs, whether in office, factory or home. Wherever used it will increase the efficiency of your organization and save so much time and money that it soon pays for itself.

Easy, lightning-speed operation and perfect reliability are the features of automatic switching. Negligible operating costs and useful, extra traffic facilities are characteristic of the AMD 222 Automatic System.

10 Extensions

can be served by this system. Single-digit numbers (1—9, 0) make for extremely easy and rapid dialling.

on two-wire lines. The cabling is, therefore, inexpensive and flexible. Alterations and rewiring are easy to arrange.

L M Ericsson's Normal Dial Telephone Sets

for desk or wall mounting are used for the extensions. All instruments are connected to the system

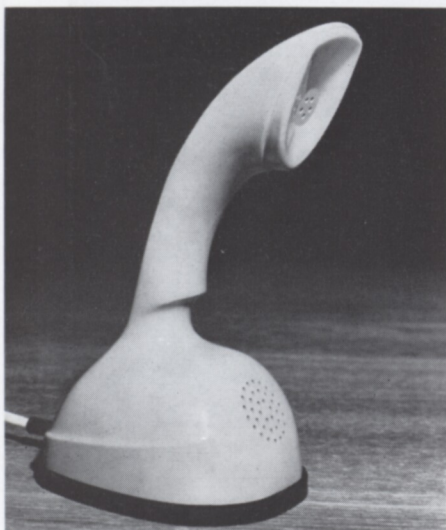
A special feature

of the AMD 222 System is that calls can be secret or non-secret, at your choice. Or, if desired, the calls from a limited number of key executives can be secret, and other calls non-secret.

DESIGN

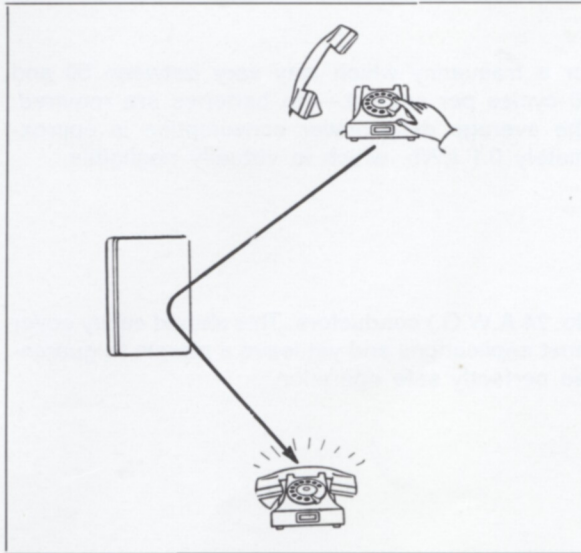
The same reliable components as in large public exchanges

All components are of exactly the same design and high standard of quality and finish as in the large public exchanges installed by L M Ericsson all over the world. Moreover, the electrical circuits and switching processes are obviously simpler in a small switchboard than in a large one. This means maximum reliability in operation.



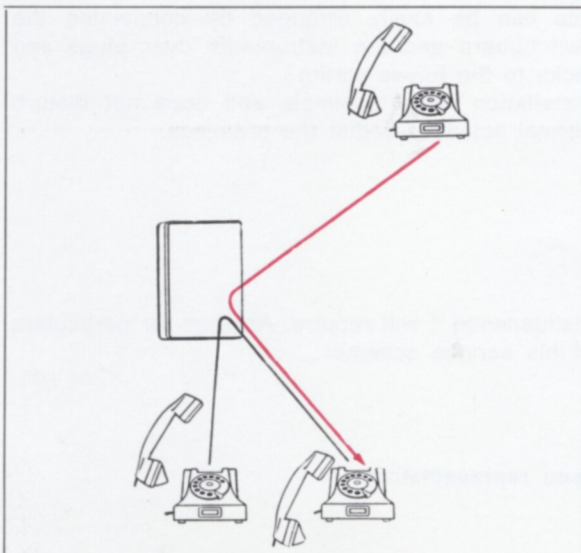
The telephones are exactly the same as those supplied by L M Ericsson to Telephone Administrations throughout the world. This guarantees the highest possible quality of telephones in your Private Automatic Telephone System. Moreover, the famous one-piece telephone, the Ericofon, gives you a choice of attractive colours to match modern interiors.

TRAFFIC FACILITIES



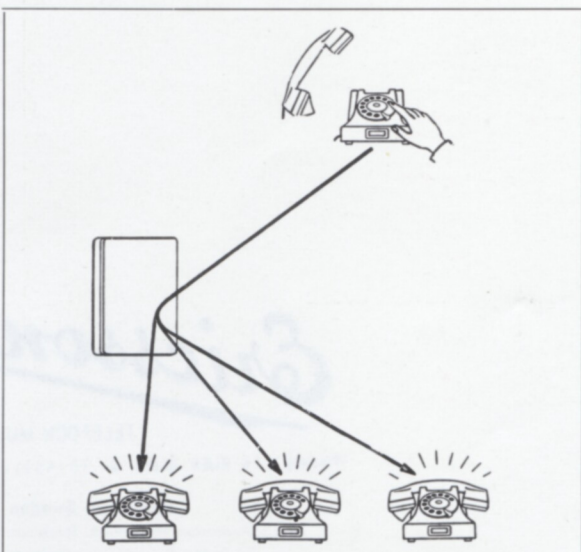
Automatic Switching

Calls between extensions are fully automatic. Lift the handset and, as soon as dial tone is heard, dial the single-digit number—and the bell of the wanted extension rings. If the exchange is busy, no dial tone is heard but you will be connected to the call in progress unless it is a secret call.



Priority for one Extension

The system can also be arranged at no extra cost to give one extension full priority, i.e. he can break in on any secret or non-secret call in progress. This priority is used to clear a previous call in order to give the Manager right-of-way through the exchange.



Simultaneous Calls to all Extensions

The Priority extension can, by dialling his own number, call several or all extensions simultaneously. This is a very handy feature when the person wanted has to be traced or when the Manager wants to issue simultaneous orders or instructions to several extensions.

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Power Supply

L M Ericsson's AMD 222 operates off A.C. mains and plugs in like any ordinary household appliance. It is designed for connection to 110, 130, 150, 200 and 240 volts through suitable terminal tapings and

for a frequency which may vary between 50 and 60 cycles per second.—No batteries are required. The average daily power consumption is approximately 0.1 kWh, which is virtually negligible.



Operating Range

The resistance of the two-wire lines from the switchboard to the extensions may amount to 500 ohms, which is equivalent to about 2.5 km (1.6 miles) of 2-core cable with 0.5 mm (No. 25 S.W.G.,

No. 24 A.W.G.) conductors. This should easily cover most applications and yet leave a margin to guarantee perfectly safe operation.

Installation

All operating parts of the switchboard, including power supply unit are protected by a grey plastic cover. Dimensions: height 465 mm ($18\frac{5}{16}$ "); width 185 mm ($7\frac{5}{16}$ "); depth 195 mm ($7\frac{3}{4}$ "). Weight 11 kg (23 lbs). Because of its small dimensions and weight and noiseless operation, the switchboard can be mounted on the wall of almost any corridor or recess. No separate room or cabinet is required.

(If it is desired to install the telephone system so that it does not become a "fixture" in the legal sense, this can be easily arranged by connecting the switchboard and the instruments over plugs and jacks to the house wiring.)

Installation work is simple and does not disturb normal activities within the premises.

Maintenance

The service organization of your nearest L M Ericsson representative is amply equipped to give your AMD 222 Automatic Telephone System the little

maintenance it will require. Ask him for particulars of his service scheme!

For further information consult your nearest L M Ericsson representative:

Ericsson

TELEFOON MIJ. N.V.

Rijksweg 116 RIJEN (N.Br.) tel. (01692) - 3131

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