

# House Exchange System Keymaster (1+5)

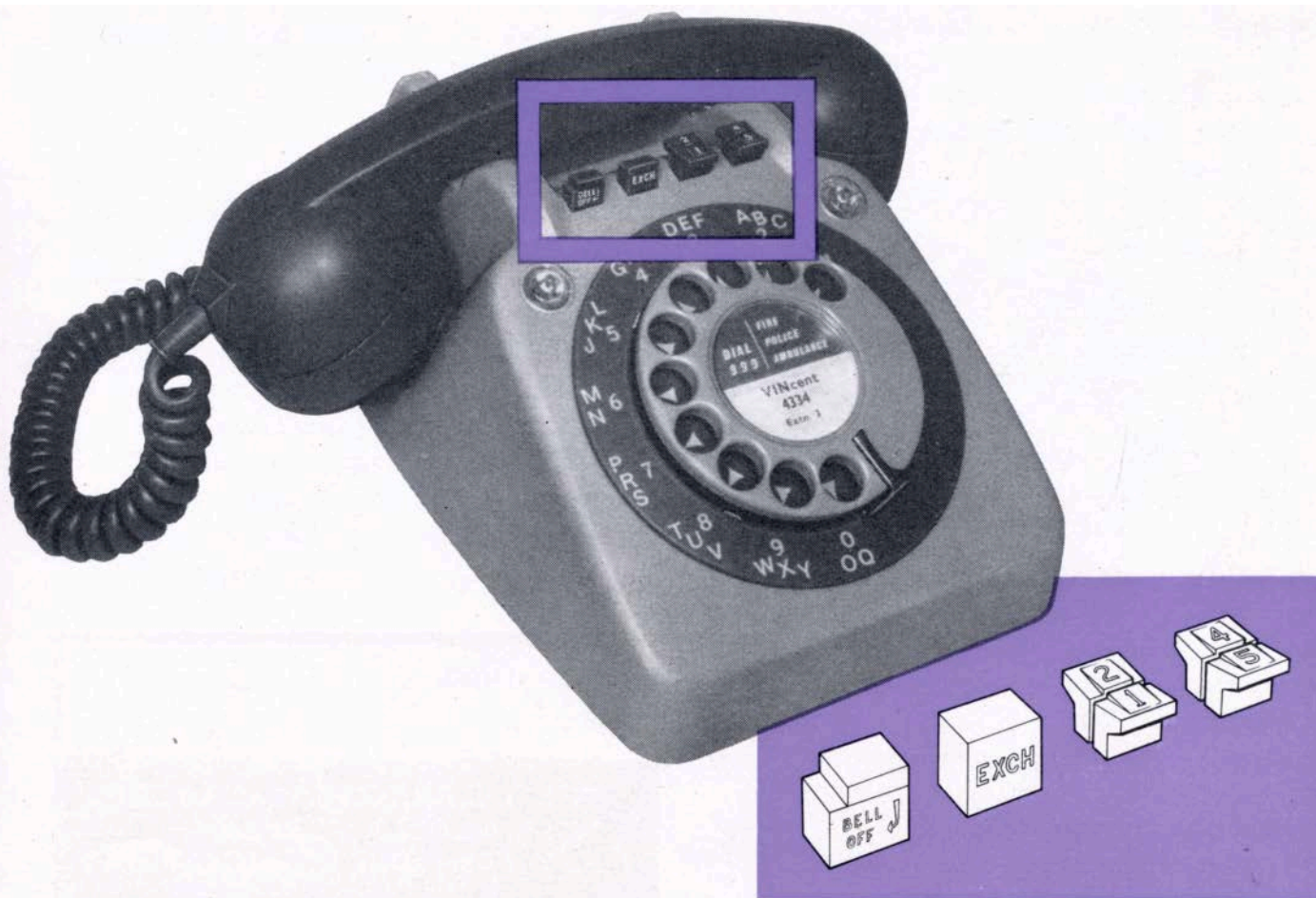


DESCRIPTIVE  
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EXTENSION  
ARRANGEMENTS AND  
PRESS-BUTTON SYSTEMS

A new intercommunication system, using modern press-button telephones, which enables people at up to five telephones to call and talk to one another and to make and receive calls on one exchange line.

The system is particularly suitable for a small office or factory, or a large house. The telephones are available in black, two-tone grey, and ivory.



## FACILITIES

Each station connects to the exchange line by press-button; a red lamp on each telephone shines continuously while the exchange line is in use.

An incoming exchange call flashes the red lamp and rings the bell of each station telephone. Four of the telephones have a locking button-switch to cut off the bell, if required. The main station bell cannot be switched off.

Incoming exchange calls are normally answered by one particular station called the 'main', but can also be answered by any other station. Exchange calls can be transferred from one station to another.

For calls between stations, pressing the appropriate button on top of one telephone sounds a buzzer in the other.

Only one internal call can be connected at any one time. A white lamp on each telephone shines continuously while the internal circuit is in use.

Any of the stations can hold an exchange call, make an enquiry call to another station and then return to the original call. The enquiry cannot be overheard on the exchange-line.

Any number of the stations can be used simultaneously to take part in a conference call, but an exchange call cannot be included in the conference.

An exchange call and an internal call can be in progress at the same time without over-hearing between the two.

The installation is mains-powered. Exchange service is still available when there is a mains failure.

### **The following additional facilities can be provided**

If service is required in a distant building, such as a garage, and it is impracticable to use the normal multi-core cable, an extension telephone with restricted facilities can be provided. A modern telephone with two press-buttons is used.

The extension can make outgoing exchange calls direct but is normally dependent on the main station for incoming exchange calls.

The extension can be called direct from all stations but is dependent on the main for outgoing calls to other stations.

Any of the stations or the extension can be permanently barred from access to the exchange line.

Alternatively, barring of exchange access can be controlled by a switch at one particular station.

Any one of the stations can be selected to monitor exchange calls. It is possible to provide 'monitor' facilities on the station selected to control barring.

Night service can be given on any station or the extension, if not permanently barred.

An exclusive exchange line, or PBX extension, can be connected to each telephone instead of the common exchange line, but transfer of calls would not then be possible.

In STD areas, a private meter can be associated with the exchange line to record the units on all dialled outgoing exchange calls.

## GENERAL INFORMATION

The station telephones have grey terminal blocks 5" by 3" by 1½" connected together with grey plastic-covered cable, ¼" in diameter.

Each station telephone houses the bell for exchange calls and the buzzer for internal calls, and the red and white signalling lamps. The bell in the extension telephone is used both for exchange and internal calls.

The system is mains-powered from a 3-pin socket outlet, of at least 2 amp rating, supplied by the customer. A power unit and a small relay unit are provided. The total weight of equipment is 30 lb; it occupies a wall space 12" by 15" and protrudes 7¼". If an extension is required a different relay unit is provided; the total weight is then 40 lb; it occupies a wall space 12" by 20" and protrudes 7¼".

Rental and connexion charges  
are quoted in the preface sheet

THE TELEPHONE MANAGER  
WILL GLADLY SUPPLY  
ANY FURTHER INFORMATION