

House Exchange System (2+10)



DESCRIPTIVE
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EXTENSION
ARRANGEMENTS AND
PRESS-BUTTON SYSTEMS

An intercommunication system, with up to ten black press-button telephones, providing for internal calls between all telephones. One or two exchange lines can be used, and all telephones can make and receive exchange calls. The system is suitable for office, factory, or a large house.



FACILITIES

Each telephone gets through to either exchange line by press-button; if it is already in use a buzzer sounds in the telephone and the other line can then be tried.

Incoming exchange calls on either line are normally answered by one particular telephone, called the 'main', which has associated with it a small unit containing extra apparatus. Calls can be transferred from the 'main' to any other telephone.

A second telephone can have a similar unit or an extension bell from the main so that incoming exchange calls can also be answered and transferred from there.

For calls between telephones pressing the appropriate button on top of the instrument sounds a buzzer in the wanted telephone. If that telephone is engaged on an exchange call, the caller's own telephone buzzes; if it is engaged with another telephone on the system, the conversation will be heard.

Up to five independent calls between different pairs of telephones can take place simultaneously without interference or overhearing.

Any of the telephones can hold an exchange call, make an internal call to another telephone and, if necessary, transfer the original call to it. These internal calls cannot be overheard by the exchange-line callers.

Any of the telephones can hold an exchange call and make or receive another exchange call on the other line without any overhearing.

Any number of the telephones can be used simultaneously to take part in a conference call. It is not possible to include an exchange call in the conference.

A private meter can be associated with each exchange line, in STD areas, to record the units on all outgoing exchange calls.

The following additional facilities can be provided

One of the telephones can have a monitoring facility which enables it to interrupt established exchange line calls.

Any of the telephones can be permanently barred from making and receiving exchange calls.

Any of the telephones can be barred from making and receiving exchange calls except by assistance from the main telephone or second main telephone.

Restricted service can be given on a special extension using an ordinary telephone instrument: this type of extension can be called direct from the other telephones by press-button, but is itself dependent on the main telephone to call other telephones and to make and receive exchange calls. It is often used to provide service in a different building, such as a garage or gate lodge, and is cheaper because it uses a single pair of wires instead of multiple wiring.

An extension line from a private branch exchange can be connected in place of one or both exchange lines.

Night service can be provided by extending the normal alarm with additional bells sited within hearing range of the telephones used at night.

GENERAL INFORMATION

The small unit of extra apparatus, which can stand on the table or desk bearing the main telephone, is $10\frac{1}{2}$ " wide, $7\frac{1}{4}$ " deep and $8\frac{3}{4}$ " in height. It weighs approximately 12 lb.

Rental and connexion charges
are quoted in the preface sheet

THE TELEPHONE MANAGER
WILL GLADLY SUPPLY
ANY FURTHER INFORMATION