

Extension Arrangements Plans 105, 105A and 107, 107A



DESCRIPTIVE
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EXTENSION
ARRANGEMENTS AND
PRESS-BUTTON SYSTEMS

These extension arrangements allow intercommunication between three and two telephones, respectively, and enable them to make and receive calls on one exchange line. Modern telephones are provided at main and extension, and either or both can be wall-mounted; the main telephone is mounted over a

switching unit which has piano-type keys and two signalling lamps.

The arrangements are especially suitable for a secretary who filters calls for one or two executives; a small business or house with a separate workshop or garage; or for diverting calls to the home after business hours.



PLANS 105, 105A two extensions—arrangement of keys and lights

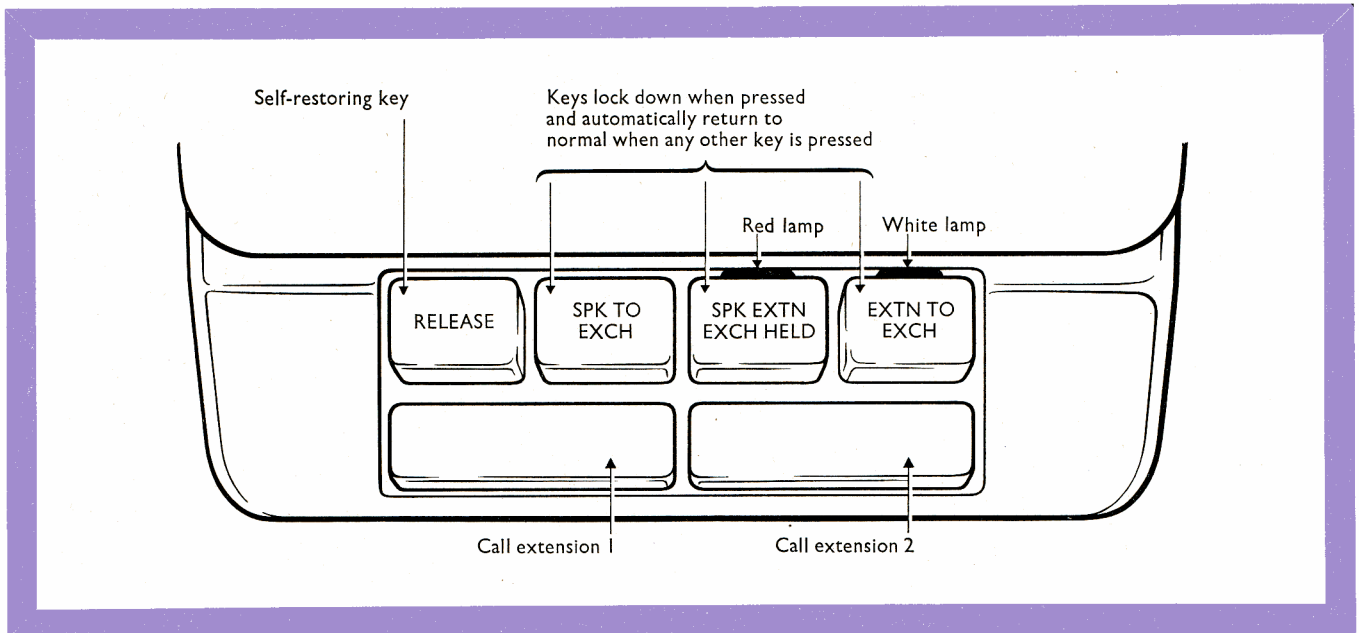
SPK TO EXCH—Connects the main telephone to the exchange line.

SPK EXTN EXCH HELD—Connects the main telephone to the extensions while holding an exchange call.

EXTN TO EXCH—Connects the extensions to the exchange line.

RELEASE—A self-restoring key which releases any locking key previously pressed.

The unmarked keys are each used to call one of the extensions.



FACILITIES

Two extensions are provided from the main telephone. The extensions can be internal, external, or one of each type.

The person at the main telephone can make and receive exchange calls, and can call and speak to either extension, or to both at the same time.

An exchange call can be held while the person on the main telephone speaks to either or both of the extensions. The exchange-line caller cannot hear this conversation.

A red lamp, under the **SPK EXTN EXCH HELD** key on the main telephone, lights while the exchange line is held.

Incoming exchange calls can be transferred to either extension.

A white lamp, under the **EXTN TO EXCH** key on the main telephone, lights while the exchange line is being used by an extension.

The light goes out when the extension handset is replaced.

Extensions can call the main telephone, and can make or receive exchange calls direct when the line is switched through. If both extensions are internal, each can call the main telephone or the other extension in order to transfer an exchange call or make an enquiry.

In plan 105A, an extension-to-exchange call cannot be overheard by the main telephone, although it could be heard by the other extension.

If both extensions are internal, each can call and speak to the other direct, even when the main telephone is making an exchange call. When one or both of the extensions are external, the main telephone is asked to call the other extension.

PLANS 107, 107A one extension—arrangement of keys and lights

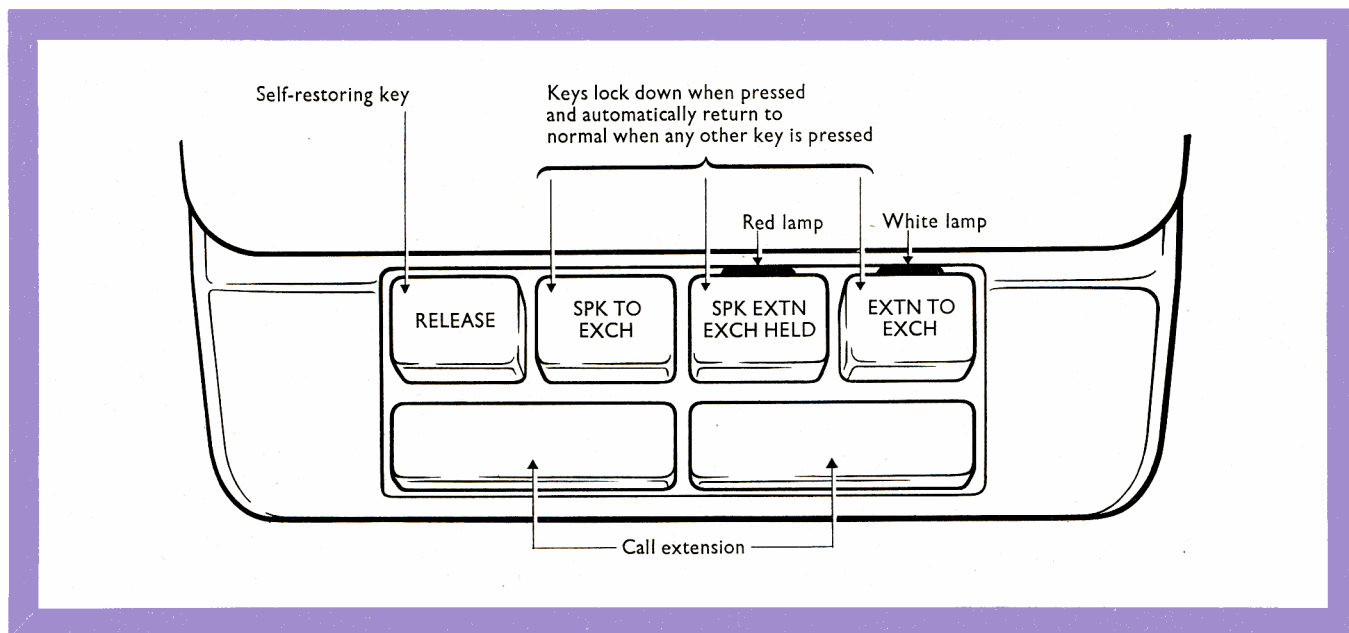
SPK TO EXCH—Connects the main telephone to the exchange line.

SPK EXTN EXCH HELD—Connects the main telephone to the extension while holding an exchange call.

EXTN TO EXCH—Connects the extension to the exchange line.

RELEASE—A self-restoring key which releases any locking key previously pressed.

Either of the unmarked keys may be used to call the extension.



FACILITIES

One extension, internal or external, is provided from the main telephone.

The person at the main telephone can make and receive exchange calls, and call and speak to the extension.

An exchange call can be held while the person at the main telephone speaks to the extension. The exchange-line caller cannot hear this conversation.

A red lamp, under the **SPK EXTN EXCH HELD** key on the main telephone, lights while the exchange line is held.

Incoming exchange calls can be transferred to the extension.

A white lamp, under the **EXTN TO EXCH** key on the main telephone, lights while the exchange line is being used by the extension. The light goes out when the extension handset is replaced.

The extension can call the main telephone, and can make or receive exchange calls direct when the line is switched through. If the extension is internal, it can call the main telephone in order to transfer an exchange call or make an enquiry.

In plan 107A an extension-to-exchange call cannot be overheard by the main telephone.

GENERAL INFORMATION

Plans 105, 105A and 107, 107A

The arrangements can be provided on exchange lines, or on most types of PBX extension.

Certain parallel telephone arrangements can be used with the main or extension telephones.

The switching unit occupies a space $10\frac{1}{2}$ " by 6" and raises the telephone by $1\frac{1}{2}$ ".

Each installation is mains-powered from a 3-pin socket outlet, of at least 2-amp rating, provided by the customer.

The wall-mounted power unit is in a grey plastic case measuring 6" by $4\frac{3}{4}$ " by 4".

When an external extension is provided, a ringing converter in a grey plastic case, measuring $6\frac{1}{2}$ " by $4\frac{1}{4}$ " by $1\frac{1}{4}$ ", is mounted near the power unit.

Signalling between the main telephone and internal extensions is by means of keys and a buzzer incorporated in each telephone. Exchange calls ring the bell of the main telephone, or if the line is switched, the bells of the main telephone and internal extensions.

Signalling between the main telephone and external extensions is by means of keys and the bell in each telephone. If the line is switched, the exchange calls ring the bells in the external extensions and sound a buzzer at the main.

The main telephone and switching unit of all arrangements, and the extension telephones on plans 105 and 105A can be provided in black, two-tone grey, and ivory. On plans 107 and 107A the extension telephone can usually be provided from the full range of colours, but if a second press-button is required for any reason, the telephone can only be provided in black, two-tone grey, and ivory.

Wall-mounted arrangements



The four extension arrangements can be provided, at either or both points, with a wall-mounted telephone in black, two-tone grey, or ivory. When provided at the main, the modern wall-mounted telephone is combined with the switching unit, as shown in the photograph.

Rental and connexion charges
are quoted in the preface sheet

THE TELEPHONE MANAGER
WILL GLADLY SUPPLY
ANY FURTHER INFORMATION